

MISSOURI

Fall 1994

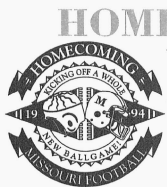
ALUMNUS

Three dollars

**Homecoming 1994
We're kicking off a whole new ballgame!**



And we need you on our team!



HOME COMING WEEK CALENDAR

Show your membership card to receive discounts

SUNDAY, SEPTEMBER 25 — THURSDAY, SEPTEMBER 29

- 11- 5 pm Blood Drive**
Memorial Union
Join MU students in a project to benefit mid-Missouri!

FRIDAY, SEPTEMBER 30

- 5 pm Deadline—MU Alumni Association
Largest Family Membership Contest**
Share your MU family tradition and win Homecoming
T-shirts for your whole family! Entry form on back cover.

MONDAY, OCTOBER 3

- 5 pm Kickoff Rally**
Downtown (9th and Cherry Streets)
Stop downtown for some spirited music, food and fun!
- 6:30 pm Talent Competition**
Jesse Auditorium
Preview the finest young talent in Missouri!
Association members, \$4; Non-members, \$5 at the
door

TUESDAY, OCTOBER 4

- 6:30 pm Talent Competition**
Jesse Auditorium
Preview the finest young talent in Missouri!
Association members, \$4; Non-members, \$5 at the
door

THURSDAY, OCTOBER 6

- 6:30 pm Multicultural Extravaganza**
Jesse Auditorium
A semi-formal celebration of cultural diversity at MU.
Association members, \$4; Non-members, \$5 at the door
- 8:30 pm Bonfire**
South Hearnese Parking Lot
Celebrate the return of an MU tradition with head
football Coach Larry Smith and Homecoming Grand
Marshal Dan Devine. Everyone is welcome!

For more information contact, MU Alumni Association, 123
Reynolds Alumni Center, Columbia, MO 65211
or call (314) 882-6611 FAX [314]882=5145

FRIDAY, OCTOBER 7

- 37th Annual Physicians' Weekend**
Day Program and Evening Banquet
For information, call the Medical Alumni Office, (314)
882-2256.
- Forestry Alumni Reunion**
Classes of '63, '64, '65
For information, call Walt Thies, (503) 752-5214.
- Law Alumni Reunion**
Classes of '49, '54, '64, '69, '74, '79, '84, '89
For information, call Jim Salmo, (314) 882-3052.
- 1:15 pm MU Alumni Association Board of
Directors Meeting**
Reynolds Alumni Center
- 7 pm Campus Decorations**
Greektown
See the elaborate outdoor decs and the completed Habi-
tat for Humanity project!

SATURDAY, OCTOBER 8

- Forestry Alumni Reunion**
Classes of '63, '64, '65
For information, call Walt Thies, (503) 752-5214.
- 7:30 am Governor's Breakfast**
Reynolds Alumni Center
Join Gov. Mel Carnahan and Grand Marshal Dan
Devine for breakfast before the parade. For ticket
information, call Marty Tade, (314) 882-6611.
- 8:30 am Engineering Open House**
Time Capsule Foyer, Engineering Building East
Refreshments and tours available. For information,
call (314) 884-6373.
- 9 am Parade**
Campus and Downtown Route
Bring your kids to enjoy the fun and festivities!
- 9 am Law Day**
Hulston Hall
For information, call Jim Salmo, (314) 882-3052.
- 10:30 am Black Alumni Organization Brunch**
Black Culture Center
For information, call Todd Coleman, (314) 882-6611.
- 10:30 am Pre-game Reception and Brunch**
Reynolds Alumni and Visitor Center
Mini-Mizzou, Truman the Tiger and the Golden Girls!
Brunch served by the University Club staff. Reser-
vations, call (314) 882-0844. Adults, \$12.50; children,
\$7.50 inclusive.
- 1:00 pm Homecoming Game—Missouri Tigers
vs. Colorado Buffaloes**
Faurot Field
Stop by the MU Alumni Association hospitality tent area
on the northeast corner of Providence and Stadium.
Call 1-800-CAT-PAWS for ticket information.
- 5 pm Marching Mizzou Alumni
Post-Game Reception**
Boone Tavern
For information, call Hadley Haux, (314) 521-8593.

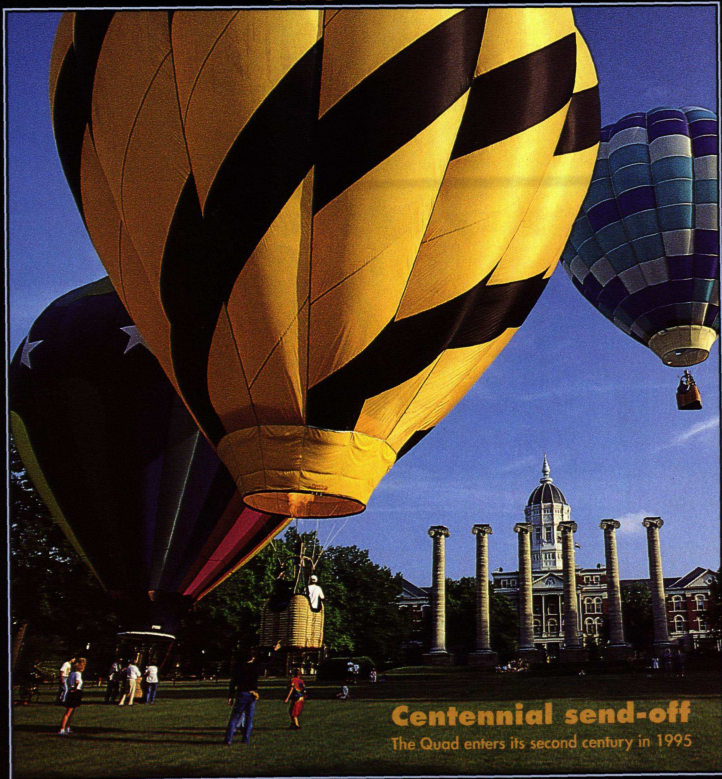
Homecoming is a program of the MU Alumni Association.

MISSOURI

Fall 1994

ALUMNUS

Three dollars



Centennial send-off

The Quad enters its second century in 1995

RIVERBOAT GAMBLING

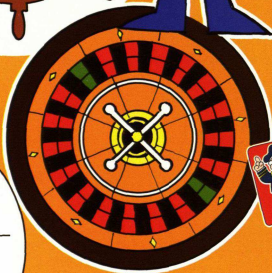
See for yourself

10

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DAILY**

TWO-HOUR EXCURSIONS
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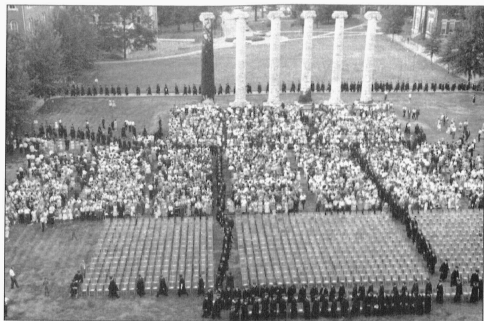
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CASINO QUEEN

EAST ST. LOUIS
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FROM THE
GATEWAY ARCH

- Big Eight undergraduate leader, according to the 1993 Gourman Report.
- Ranked Research 1 by the Carnegie Foundation.
- A member of the Association of American Universities.



Graduating students arrive for the 1964 summer commencement on Francis Quadrangle. 1995 marks the 100th anniversary of Jesse Hall and the Quad. Page 8 University of Missouri Archives

8 Noble Past

Throughout its existence, the Quadrangle has been the focal point of campus ceremonies, traditions, demonstrations, stunts and rituals.

16 Indiana Joe

Maybe you wouldn't mistake MU's Joe Hobbs for Hollywood's Harrison Ford, but even Hobbs has to admit that there is some basis for the comparison.

22 Grass for Faurot Field

From synthetic to authentic — grass will replace OmniTurf for the 1995 season.

26 'A' Team

What causes the body's immune system to go haywire and attack its own tissues? At MU, researchers are working to unravel the mysteries of arthritis.

31 Visit Collegetown USA

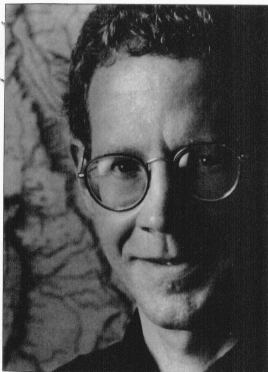
Here's your fall guide to football fun and Columbia attractions.

5/Opinions 14/CollegeTown '94 40/Around the Columns

48/MU Alumni Association Annual Report 52/MU Alumni Association News

54/News About Alumni

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The textbook gives you the statistics, but Dr. Joe Hobbs gives you the images that you remember. Page 16

Rob Hill photo

THE COVER: Hot air balloons rise in the evening light, foreshadowing the 1995 U.S. National Hot Air Balloon Championships in Columbia.

Ernie Gutiérrez photo

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EDITOR'S NOTES

Sometimes I feel like the Old Woman in the Shoe. You know, the one who has so many children she doesn't know what to do? Well, in our case, Bob and I have two little guys, a 7-year-old second-grader and an active 4-year-old preschooler.

Our lives are a whirl of soccer, swimming, hiking and, this summer, searching for the Best Clumber in Columbia. (So far, Brock Bridge Elementary School wins with a big blue model of multiple slides, a bridge, ladders and platforms.) Combine those family activities with editing a magazine for me and selling real estate for Bob, and it's a busy life.

But one I love. The boys revel during their time with us. They tell great stories and ask intriguing questions. John Robert's tales include details about bugs and birds and snakes. He makes us laugh with his Why Did the Chicken Cross the Road jokes. Christopher maps out his strategy to reach the 50th level of his favorite computer game, and thinks of creative ways to save up money for his next baseball card purchase.

We're not lonely. In fact, to find a quiet moment almost seems impossible sometimes. But older, more experienced parents tell us to relish this time, because soon the children will be grown. We are heading that advice.

As summer turns to fall, I'm thinking of parents of incoming freshmen students. I'm envisioning empty nests. Lots of them. With a fresh, big batch of 3,600 incoming freshmen, MU also has a bunch of parents who are bearing the brunt of a full or partial dose of the empty-nest syndrome.

This fall's class is 23 percent bigger than last year's 2,940 freshmen. The projected number of first-time black freshmen, 310, is triple last fall's 97.

An increase in quality accompanies the increase in numbers. The Honors College is posting a 50 percent increase in acceptances, and Curators Scholars and Bright Flight acceptances are considerably ahead of last year. Even the residence halls are full, a first since 1990.

How do students think their folks will deal with children leaving home? I asked first-generation college student Stacie Gates, 17, of Cameron in northwest Missouri.

"I think it's hard," she says of parting with her parents, Jerry and Martha Gates. Her dad is a farmer and her mom works for an electric cooperative. "They'll miss having a chauffeur" for her siblings Gina, 15, and Jeff, 14. "They always told me I, as the eldest, always did what I was supposed to do, that they didn't have to worry."

What are Stacie's thoughts about the adjustments she'll be making in coming weeks? "I'll have to learn to be more organized," she says. "There won't be a teacher taking attendance, or a parent asking about homework." Not that Stacie's parents had to; in high school she propelled herself to the No. 2 spot of her 88-member graduating class.

Another Cameron student headed for MU is Jaimie Watkins. The valedictorian of her class thinks being away from home for the first time will be scary. "My family is something real stable and secure," she says. Her father, Bill, installs bank equipment and her mom, Jan, operates a beauty salon. "But I like MU's atmosphere," Jaimie continues. "I'm going to be a regular at football games. I'm considering going through rush. The social part looks very exciting."

Chancellor Charles Kiesler's time and attention to minority recruitment is working. Stacie looks forward to MU's diversity. "It has a diverse culture compared to what I'm used to. It'll show me different ways of thinking and doing things. It's a very positive aspect of MU."

As your sons and daughters leave the nest, be ready to hear about too long lines, too tasty Belgian waffles, too messy roommate, too much homework. And too little money. Send some soon. — Karen Worley, BJ '73

Sprechen Sie Mizzou?

I currently live in Neuhausen, Germany, with my husband and son. We recently visited a town called Göttingen, which is a small university town that actually reminded me a little of Columbia.

In any event, we were walking down a street that had lots of cars parked on the side. As we went past one van (with Germany license plates), my husband suddenly said, "Look! Isn't that the nickname for your college?" Well, he was right: On the back window of a VW van was a Mizzou sticker, complete with paw print! How I wish I could have met the owner.

Just thought you might like to hear my story. I must admit, seeing that Mizzou sticker made me more than a little homesick.

Wendy L. Marx-Cunitz, BS BA '84
Neuhausen, Germany

Veterans plan reunion

A reunion is being planned for a group of MU alumni. This is a group that was in the ROTC program at Columbia at the start of World War II. Upon the completion of our third year, we were called to active duty in June 1943. Most of us stayed together through basic training and through OCS, and obviously formed some very lasting friendships.

The group is planning its fifth reunion Sept. 14 through 17 in the Springfield-Branson, Mo., area. Earlier ones were held in 1972, 1976 and 1984 in Columbia. The last one was in 1988 in La Jolla, Calif., which is the closest community to Old Camp Callan, where the majority of the group went through basic training.

The majority of the group (which consisted of approximately 100) was dispersed throughout the world during the war. After the war, most returned, completed their college educations and spread out throughout the country. I am amazed at how successful the group has been. Four remained in the Army. One ended up as a brigadier general and the other three as full colonels. Among the civilians, I have found retired executives from Exxon, Hallmark, John Deere Co. Another is the director of the Pulitzer Prize who formerly was editor of *The New York Times*.

Kenneth H. Reid, JD '48
Springfield, Mo.

Save the Tiger poster

Drew Babb's letter in the *Missouri Alumnus'* summer issue referred to the idea of a full-color limited-edition poster of the Regal Tiger. The cover story of the March 28 *Time* magazine horribly detailed

the extinction of tigers. I would gladly buy such a poster, but suggest that all of the funds raised be used to save the tigers of this world from extinction.

There are four or more colleges using the tiger logo and name. They are: Missouri, Clemson, Princeton and



A Golden Legacy: Ancient Jewelry from the Burton Y. Berry Collection
July 30 to October 16

MUSEUM OF ART AND ARCHAEOLOGY
UNIVERSITY OF MISSOURI-COLUMBIA

9 A.M. TO 5 P.M. MONDAY TO FRIDAY
NOON TO 5 P.M. SATURDAY & SUNDAY
6:30 TO 8:30 P.M. THURSDAY EVENINGS

Two nationally traveling exhibitions of jewelry from ca. 3000 B.C. to 1992. The more than 400 objects in the exhibitions explore the history and techniques of the art of jewelry-making through the medium of gold, silver, glass, precious and semi-precious stones.

Brilliant Stories: American Narrative Jewelry

September 24 to November 16

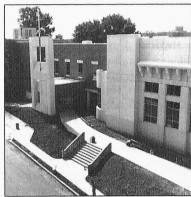


Newman Center

New Chapel Dedication October 9, 1994 3 p.m.

All Newman Center alumni are invited to the celebrated dedication of our new worship space, recently completed adjacent to the Newman Center facility that has served the Columbia community for 30 years. Bishop McAuliffe will lead us in Mass and bless our new chapel. A reception will immediately follow.

Please join us as we give praise for God's goodness, and pray for continued blessings as we begin this new chapter of Newman Center service and worship.



**Newman Center
Catholic Community of Faith
701 Maryland Avenue
Columbia, Missouri 65201
(314)449-5424**

Fundraising for this project is ongoing.
Please contact the Newman Center to pledge your support.

Chancellor's thoughts on a matter of trust

There was a time some years ago when higher education existed as an independent arm of society, secure in the ivory tower of blessed isolation from such ordinary concerns as balance sheets, management audits and budget oversight systems. Those were the days of autonomy, seldom interrupted by accountability. But those days are over in higher education, and they should be.

In February of this year, we at the University of Missouri-Columbia were shocked and dismayed to learn that an administrative assistant in our Graduate School had embezzled more than \$650,000 over a six-year period. Christy Ann Tutin has pleaded guilty to state and federal charges, and her sentencing is scheduled for Aug. 22 for the state charges. On Aug. 17 she was sentenced to 24 months in prison by U.S. District Judge Scott O. Wright.

To accomplish the embezzlement, the woman took advantage of trusting fellow employees, a bureaucratic environment that focused on the right forms rather than the right judgment, a cashiers' unit that had been decimated by the early retirement push of several years ago, and a lack of accountability on the part of busy senior supervisory personnel who delegated financial oversight responsibility to employees at much lower levels in the organizational hierarchy.

Nobody could believe it happened. But when we immediately examined our business culture that had developed over decades, we were less surprised. One positive aspect was that the University is insured for the loss, except for a \$25,000 deductible.

To all those who trust their children, their futures and significant amounts of public resources to MU, I state here that financial management practices are now being put into place designed to safeguard those resources and restore your trust. Out of 10,565 full-time campus employees, nearly one-third are involved in some type of financial control activity; and we are completely retooling over the course of this year how we go about our business. Each level of management at MU, from chancellor through department head, is held accountable for all activities in its respective area of responsibility. A management information system that supports this expectation is being put into place to provide the tools effective financial oversight requires. Quarterly financial reporting to superiors now takes place, enhanced with training sessions in financial management for all who have responsibility for your money.

Our cash operations have been re-examined and reconfigured to conform with stringent business practices. We ensure that no employee can continually interact with a single cashier, and we now detect and report unusual cash transactions. In addition, the human resources department will screen applicants with significant control duties. We will be hiring two management auditors at the campus level to assist our faculty and staff on an ongoing basis as part of our continuous quality improvement efforts in financial management, as well as in all campus operations.

We are very proud of MU and our University's ability to improve the future for its students and all citizens. Nothing will be permitted to compromise that ability. In these days when the public demands accountability, we must demonstrate day in and day out that we are worthy of its trust.

Charles A. Kiesler
Chancellor

Louisiana State. Wouldn't it be great if these schools could help prevent the extinction of the tiger?

Haig Torojan, BJ '49
Marina Del Rey, Calif.

Editor's note: The MU Alumni Association's board has referred action to individual chapters.

A day for traditions

Thanksgiving Day 1993 was steeped in

tradition as the Gibson family gathered at the Holiday Inn Executive Center in Columbia, Mo. Retired Col. and Mrs. E.S. Gibson of Columbia hosted a Thanksgiving Dinner for 36 family members of the James W. and Lula Gibson family. It was exactly 100 years ago Thanksgiving day 1893, that James W. Gibson upon entering MU, along with the rest of the Missouri football team, played their first winning game against Kansas winning 12 to 4 as recorded in *O' Mizzou* by Bob Broeg. J.W. continued to play for Mizzou for a

total of three seasons. Many of Gibson's descendants were instilled with loyalty to MU. Family members in attendance who graduated from MU were: sons Eugene S. Gibson, BS BA '35; John H. Gibson, BS Ag '38; and David R. Gibson, BS Ag '43; daughter Louanna Gibson Burton, BS Ed '45; great-grandson Larry R. Ellington, BS BA '73; granddaughter Audrey Burton Sheets, BS Ed '76; and great-granddaughter Jolene Allgaier, BJ '89.

Although not in attendance, two other members, and two sons who are deceased also graduated: Gary L. Ellington (great-grandson), BS Ag '72; Theodore J. Gibson (grandson), BS ME '64; Robert G. Gibson (son - deceased), BS BA '35; Richard M. Gibson (son - deceased), BS Ag '39.

Gene Gibson, BSBA '35
Columbia

Maneater celebrates 40th

The *Maneater* will celebrate its 40th anniversary next year. It was founded in 1955 by Joe Gold and Jim Willard, and their goal was to aggressively provoke thought and criticism.

The *Maneater* has been the first step to successful careers for people such as Bryan Burrough, BJ '83, former editor at the *Maneater* and co-author of *Barbarians at the Gate*; and Mark Goodman, BJ '82, executive director of the Student Press Law Center in Washington, D.C.

The *Maneater* is planning a celebration on Feb. 18, 1995, and is trying to locate as many alumni as possible. For more information, write The *Maneater*, A047 Brady Commons, Columbia, Mo. 65211.

Justin Hyde
Columbia

Correction

Because of a reporting error in the summer issue, Merle McDougald Werner was listed as deceased in an item about D-Day. We are happy to report that he is alive and well. He was a war correspondent for United Press, not Associated Press. Werner passed through Carentan several times. After the invasion, he covered the liberation of Paris, the American occupation of Berlin, the Potsdam Conference, Nuremberg Trials, the Communist guerrilla war in Greece and the Communist occupation of Prague before returning home in 1949. Our apologies to the BJ '34 of Falls Church, Va.

Missouri Alumnus welcomes letters. Please keep letters under 250 words. We reserve the right to edit for clarity and length.

Catherine Peterson Howard had a commanding view of the Quad in the summer of 1937. At the time, the campus landmark was surrounded by scaffolding during a reinforcing and weatherproofing project.

There are two: The first was in the spring of 1935 when a few of us (young women) were chosen for Mortarboard and tapped beside those beautiful historic Columns. The second was in the spring 1985 when I returned for the 50th reunion of my graduating class and again visited the Quad and those beloved Columns. Thanks for the memories.

— Mildred Menefee Wardlow, BS BA '35, Pasadena, Calif.

My wife, Twila, Arts '48, and I lived in University housing, GI City, on Sixth Street, just down a block or two from the old University hospital where our daughter, Julie, was born. Since all of us at GI City were former military personnel taking advantage of the GI bill, we were not then flush with lots of spending money, most of us were new parents and the grounds of the Red Campus were a great recreational area for us.

— Richard F. Ferguson, BS BA '49, Carthage, Mo.

While I have many fond memories of Francis Quadrangle and the Columns from my years at Mizzou, 1948-52, what I recall as most memorable was not exactly a happy time.

It was what happened to the Quad during the great ice storm that hit Columbia during my freshman year. The beautiful trees that had bordered much of the Quadrangle were destroyed in that storm.

Every branch and twig was completely coated with ice, turning the trees into crystal chandeliers. But the weight of the ice broke many of the branches and trunks, so that the Quad appeared to be filled with broken glass — a sad but awesome sight.

If you look at pages 278-9 of the 1949 *Savitar*, you will find some good photos of the scene.

— Sue Ann Wood Poor, BJ '52, St. Louis

Last issue, we asked our readers for their fondest memories of the quad. Here are some responses:

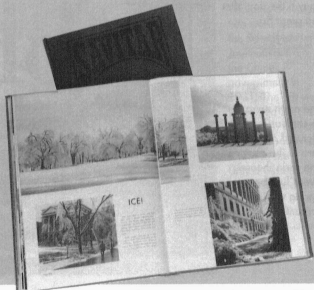
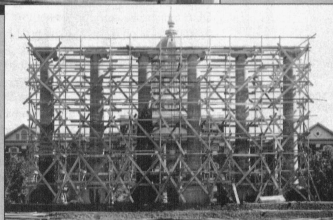
In the summer of 1937, the Columns were under repair and surrounded by scaffolding. One day my friend, Chester Carson, thought it would be a neat idea to climb on top of the Columns. So on the spur of the moment, that's what we did. When we got to the top, he took my picture from a neighboring Column.

—Catherine Peterson Howard, Arts '37

No doubt about it — I enjoyed the late mornings on football Saturdays when those of us in Marching Mizzou emerged out of the basement of Jesse Hall, lined up in "concert formation," and began our warmups.

The music filled the air as the sounds bounced off Quad buildings. We then, of course, marched to the stadium playing the fight song and "bumping and grinding" to a lot of interesting drum cadences — I loved it.

— Dave Gledhill, BS BA '83, Overland Park, Kan.





MU's first building, Academic Hall, is shown the day after the great fire.

State Historical Society of Missouri, Columbia

1995 marks the Francis Quadrangle Centennial

Noble Past

STORY BY JIM KELTY

The north entrance to campus is pictured around the turn of the century. The springhouse over Chalybeate Spring was a romantic spot.

University of Missouri Archives



In the beginning there was fire. It started in the east wing of Academic Hall on the evening of Jan. 9, 1892. The flames spread quickly, and within a few hours the University of Missouri was devastated.

The great fire, probably a result of faulty wiring, destroyed the building that housed most of the University's classrooms and learning facilities. But in the three years that followed, Academic

Hall was replaced by six new buildings, establishing present-day Francis Quadrangle.

1995 marks the 100th anniversary of Jesse Hall and the Quad — a century of tremendous growth for MU, due in no small part to the man for whom the building is named.

Richard Henry Jesse was the president of the University the night Academic Hall caught fire. In the aftermath of the disaster, he guided MU in its new direction, expressed in the design of the new campus.

The open quadrangle plan with separate buildings for different departments in an orderly grouping around a lawn was based on a design first used by Thomas Jefferson at the University of Virginia. It reflected Jefferson's belief that a university should be a village not a house. It also reflected his concept of universities as communities in themselves where students and faculty could live together and be engulfed in educational opportunities.

For almost 50 years, Academic Hall had been the focal point of campus life. In addition to classrooms, it housed administrative offices, libraries, laboratories, a chapel and a natural history museum. East and west wings had been added in 1885 to accommodate the growing number of students. Switzer Hall, completed in 1872, and the president's house (now the chancellor's residence) accompanied the main building.

President Jesse was just six months into his administration on the fateful night of the fire. When the ruins of the building were cleared, only the Columns were left standing, and they were an immediate subject of controversy. During the cleanup, a fistfight broke out between an alumnus and the president of the Board of Curators when the latter ordered mule teams to be hitched to one of the Columns to pull it to the ground.

Morris Frederick Bell, the architect of the new buildings, included the Columns in the campus master plan. But when the grounds were leveled and the new buildings began to take shape, there was increasing feeling that the Columns, perched on a narrow ridge, were unsightly and spoiled the effect of the new campus. In 1893 the curators voted to dismantle them, but an outcry by alumni saved them.



In 1914, senior Eleanor Asdale was the campus May queen.

University of Missouri Archives



Engineering students raised a lot of eyebrows in 1909 when they built a 30-foot representation of St. Patrick.

College of Engineering Archives

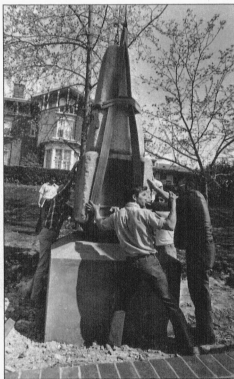


University President Walter Williams accepted two stone lions for the School of Journalism from the Chinese government in 1931. The gift was presented by Chao-chu, minister of the Republic of China to the United States.

University of Missouri Archives



A stone visage, at right, on the engineering complex overlooks Francis Quadrangle, where happenings like this 1951 pep rally, above, have occurred for 100 years.



Thomas Jefferson's tombstone has appeared at different locations since it was unveiled at MU in 1885. During American bicentennial ceremonies in 1976, the marker was moved to its present spot in front of the chancellor's residence.

In planning the Quadrangle, Bell worked with designs developed by Jesse, Gov. David Rowland Francis and Calvin Woodward, a member of the Board of Curators. With the president's house on the east and Switzler on the west, the Quad took shape as Bell added six new buildings: Law (now Sociology); Chemical (now Pickard Hall); Biology and Geology (now Swallow); Mechanic Arts (now part of the engineering complex); Physics and Engineering (also part the engineering complex); and new Academic Hall (later named for Jesse). Workers completed the construction in the summer of 1895.

Bell, a self-trained architect from Fulton, Mo., had designed numerous buildings throughout the state, but his work on the Quad represented his greatest accomplishment in a long and prolific architectural career, says Dr. Osmund Overby, professor of art history and archaeology. "He combined a great variety of decorative effects within a larger scheme that is strongly unified by scale, rhythm, color and materials," Overby says. "Bell's architecture on the Quad is a splendid example of the free and inventive eclecticism that is characteristic of the second half of the 19th century."

The ornamental design of the buildings was richer than it appears today, Overby points out. Jesse Hall's roof originally included a balustrade and statues of lions and goddesses. The gold ball atop the dome originally had wings, which came off during World War I when someone fastened the staff of a large American flag to one of the wings. The balustrade and statuary were probably blown down by storms, such as the one in 1931 that knocked two corner towers off Swallow Hall. Much of the ornamental design of the Mechanic Arts building was lost in 1911 when the roof and cornice of the building were destroyed by fire.

As new buildings were added to the Quad, the use of red brick and the general rhythm and scale of the original group were continued, Overby says. The Journalism School formed the Quadrangle's northeast corner, beginning with Neff Hall in 1920. "When Walter Williams Hall was added, they were joined with an archway that formed a particularly effective entrance to the Quad," he notes.

By the end of Jesse's 17-year tenure as

president, the University encompassed 14 buildings and more than 3,000 students, which represented a six-fold increase in the student enrollment during his administration. Jesse died in 1921, and the University's main building was renamed in his honor the following year.

Today, Jesse Hall houses residential life, admissions and the Graduate School as well as offices for the chancellor and provost. Though the building always has served administrative functions, some former students may recall when the second floor was a gymnasium, with part of the floor set aside for the "ladies' parlors" where students spent time between classes. Jesse Auditorium has been the scene of many plays, concerts and speeches. Among the earliest notables to appear there were William Jennings Bryan and Mark Twain.

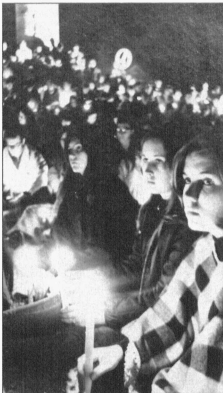
The Board of Curators named the Quad in honor of former Gov. Francis in recognition of his support for and close involvement with the rebuilding of the University after the great fire.

Throughout its existence, Francis Quadrangle has been the focal point of campus ceremonies, traditions, pranks, demonstrations and rituals. Student cadets and bands marched and drilled there for many years. Until 1950, graduating classes marched around the Columns *en route* to commencement. Tap Day exercises for campus honoraries are still held there.

In 1914, the men's glee club was quarantined in a tent on the Quad after some members came down with small pox on a trip to California. At one time, only seniors were supposed to walk up to the Columns. The lower terrace around the sacred pillars was reserved for juniors. Freshmen were not supposed to come anywhere near and were not to be found using the sidewalk north of the Columns.

Engineering students were traditionally the guardians of the Quad. They kept a sharp eye out for students cutting across the lawn on the way to class, and formed paddle lines to punish any such offender. The engineers learned the use of compass and theodolite by measuring the Columns and they held extravagant ceremonies in front of them every March. In 1958 the Columns had to be sandblasted to remove a coat of green paint applied during St. Pat's week.

Twice in the 1950s, students climbed to the top of the Columns for publicity



Demonstrations from different eras: In the 1970s, students gathered on the Quad to protest the Vietnam War.

The following decade, anti-apartheid activists were arrested for trespassing after they set up shanties in front of Jesse Hall.

Columbia Missourian



The six buildings constructed on the Quad in the 1890s were designed in a freely interpreted Victorian style that includes Beaux-Arts Classicism and Romanesque details.



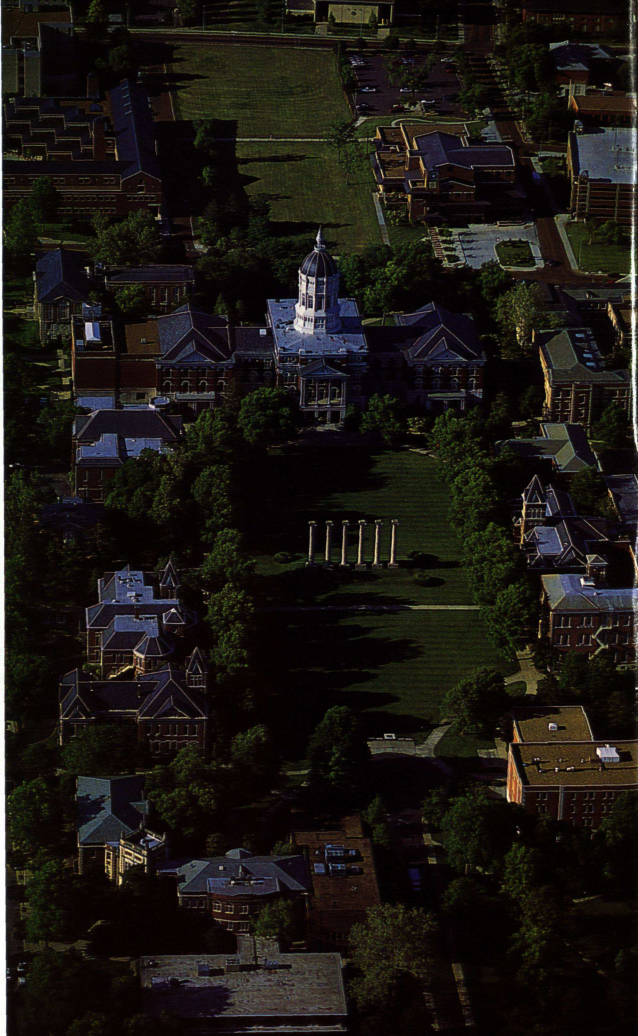
*Old Missouri,
fair Missouri!
Dear Old
Varsity,
Ours are hearts
that fondly
love thee.
Here's a health
to thee!*

*Every student,
man
and maiden,
Swells
the glad
refrain,
'Till the
breezes,
music laden,
Waft it back
again.*

*Proud art thou
in classic
beauty
Of thy
noble past.
With thy watch
words,
honor, duty,
Thy high fame
shall last.*

—alma mater

Robert Llewellyn photo, 5/94



stunts. One student drew attention to himself by wearing a long flowing cape with red lining. The other incident involved a student trying to publicize a campus theatrical production. After making it to the top of one of the Columns, he spent several uncomfortable hours in the cold weather waiting for firefighters to rescue him.

In 1948, a roaming mob of students demonstrated in front of the president's house, demanding an extension of the University's holiday vacation. The crowd set fire to a Christmas tree dragged from the lobby of Jesse Hall. President Frederick Middlebush's appearance on the balcony of Jesse Hall to explain the University schedule ended the demonstration.

During the Vietnam War, student protesters demonstrated on the Quad, interfering with the practice drills of the ROTC students. In 1974, more than 400 nude students flashed across the lawn, setting a world record for streaking. Protesters in 1986 constructed a "shanty town" in front of Jesse Hall to express their anger about the University investing in firms operating in South Africa.

One of the turning points in the history of the Quad came in 1974 when the federal government declared it a National Historic District.

"When that happened it drew attention to the buildings and began a new appreciation for them," says Overby. "In the 1960s, the long-range plan for the campus called for most of the buildings on the Quad to come down. Some people assumed that all the red brick buildings were old and used up. But that attitude changed when we made the National Register of Historic Places."

Another historical and sometimes overlooked treasure of the Quad is the original tombstone from the grave of Thomas Jefferson. The tombstone, located in front of the chancellor's residence, was a gift to the University from Jefferson's descendants more than a century ago when a new, larger monument was erected over Jefferson's grave at Monticello.

The granite marker arrived at MU several years before Academic Hall burned down. Today, if Jefferson's ghost were to visit the tombstone, he would surely approve of the architectural setting in which it is found. ☐

A village with global impact

In the early 19th century, Thomas Jefferson pioneered a new type of American university when he founded the University of Virginia. In his design of the institution, Jefferson envisioned an "academical village" with buildings arranged around an open square of grass and trees, a place where a secular sense of community between faculty and students could flourish.

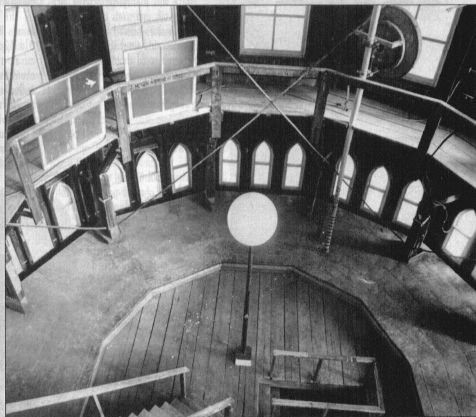
This ideal was carried forth at MU with the construction of the Quadrangle in the 1890s. Since that time, the people who have worked and played on the Quad have built MU's reputation in the global village. Their accomplishments are immeasurable.

Every spring the University sponsors a Tap Day ceremony in front of the Columns to recognize outstanding members of the campus community. During the ceremony, the new initiates of several campus honoraries are announced. Membership to these groups is based on scholarship and service to the University and the community.

One of the groups — The Rollins Society — was established this year. The other five honoraries — QEBH, Mortar Board, Omicron Delta Kappa, LSV and Mystical 7 — were founded more than 70 years ago, and one of them has roots that go back to the university Thomas Jefferson founded.

Mystical 7 is an offshoot of the Secret 7, an honorary organization established at the University of Virginia. The Secret 7 selected the seven most outstanding men on campus; members were known by their good works throughout the community, rather than by their names.

At Mizzou, Mystical 7 broke with this tradition of secrecy in 1907. Since that time, Mystical 7 has publicly recognized the finest senior men who have passed through the University. Another tradition was broken in 1976 when women were admitted to the organization. Today Mystical 7 honors those men and women who have displayed outstanding and unselfish leadership ability.



Scrawled on the inside of the Jesse Hall dome are names of members of Tap Day honoraries who visited the dome nocturnally as a rite of initiation.

Jeff Adams photo

College

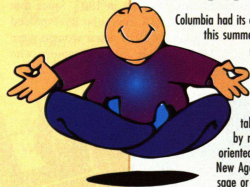


They are looking for trouble. I'm not going to stop skating." — Sascha Sneed, 18, after learning the City Council outlawed skateboarding downtown. The 24-hour-a-day ban took effect immediately after a July 5 session.

Metaphysically speaking

Columbia had its own harmonic convergence of sorts earlier this summer when the metaphysically inclined from around the Midwest attended the area's first Psychic Fair, held June 11 and 12 at the Chautauqua Center, 1109 E. Walnut.

There was plenty of incense, aromatherapy oils and scads of quartz crystals. Prognosticators peered into the future by reading palms and tarot cards. And those oriented to the occult could choose between such New Age offerings as an acupuncture chair massage or an electronic gizmo that stimulated good vibes with a heavy dose of lights and sound.



Paradise on a plate

A mixture of friendship and a love for baking is stirring up some sweet results for Peg Day, below left, and Jeanne Wagster.

The two opened Peggy-Jean's Pies in March at 1213C Old 63 N. With a hand-held mixer, a few bowls and a pair of ovens that hold a couple of pies each, Day and Wagster create 12 to 20 freshly baked pastries daily.

Initially, they planned to sell their wares wholesale only, Day says, but the demand by individ-

uals persuaded them to open their products to retail sales. Peggy-Jean's offers its customers 16 varieties of cream, custard and fruit pies, ranging from apple to strawberry.

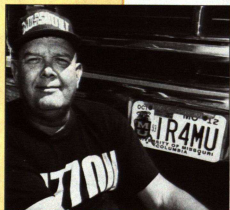
"Each pie is made one at a time from scratch, and is loaded with fat and sugar," Day says. "We don't shortcut our procedures. We use real vanilla, real butter, and we peel our own apples. Some of the recipes are older than I am; some are in my mom's handwriting," says Day, wife of C. LeRoy Day, BS AgE '45, MS '48, professor emeritus and former chairman of agricultural engineering at MU.

IR4MU. RU?

Everywhere Bill Markel, BS IT '71, M Ed '75, of Columbia goes, he is tagged as an MU fan by his license plates. The Truman the Tiger plates show Mizzou pride and fund scholarships. These official tags are issued by the Department of Revenue. The annual cost depends on your vehicle's horsepower as well as including a \$15 vanity plate fee and a \$25

donation to the University. Mizzou is king of the highway with more tags on the road than any other school in the state. As of July, 995 vehicles sport Tiger plates, and \$81,995 has been generated for scholarships.

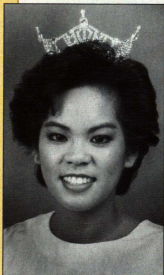
To learn how you can put a tiger near your tank, write to Emma Baldrige, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211 or call (314) 882-8202.



Bill Markel, who was a linebacker for the Tigers in 1962, shows Mizzou pride and funds scholarships at the same time.



TOWN



Anne Marie Sun is the fifth MU alumna to become Miss Missouri in the past 10 years.

Sun shines in pageant

A medley of concertos by Tchaikovsky, Mendelssohn and Grieg helped Ann Marie Sun become the new Miss Missouri.

Sun, AB '94, overshadowed her competition at the pageant in June, winning three scholarship prizes, along with the crown. She plans to attend MU's School of Medicine but will postpone her studies for one year to serve as Miss Missouri and represent the state at the Miss America pageant to be broadcast Sept. 17 on NBC from Atlantic City, N.J.

As an undergraduate, Sun was a Conley Scholar and an interdisciplinary studies major, combining her interests in biology, chemistry and music. The 21-year-old Springfield native won more than \$8,000 in scholarships at the state pageant in Mexico, Mo.

Brewing up a heady success

There's no doubt about it. Columbia's first brew pub has been a heady success. Since it opened this spring, beer lovers have been jamming Flat Branch Pub and Brewing Co. tighter than a six-pack. It offers as many as a dozen handcrafted beers ranging from full-bodied porters to pale ale. And if a glass of stout isn't quite stout enough, there's also an impressive collection of smoky single-malt scotches.

Located at 115 S. Fifth St. in a cavernous old building that once housed a Hudson automobile dealership, the boutique brewery features a full menu and a patio for outdoor dining or just plain lollygagging. Front and center, surrounded by the brick and brass and polished-wood decor, are the stainless steel brewing vessels, where barley malt is transformed into 260-gallon batches of frothy brew. Thirsty mid-Missourians aren't the only ones to benefit from the brewmaster's art. Twice a week the spent mash is trucked to MU's dairy farm to help feed the University's research herd.

Godzilla's video revenge

Murder, incest, cannibalism, creatures from outer space, sadistic prison guards, radioactive grasshoppers. It's all at Big Lizard Video and Laser Discs, 21 N. Tenth St.

Big Lizard, which opened in May, specializes in films off the beaten track: Hong Kong action thrillers, Japanese animation, "blaxploitation," Euro trash cinema, unique horror and science fiction.

"We're trying to provide genre films that aren't available anywhere else in Columbia, because I know there's a sizable and loyal market for those films around town," says owner Darren Hackler, MA '94, who wrote his thesis on pre-World War II German leftist films.

Mainstream Hollywood productions don't quite cut it for Hackler's clientele. "For the most part, they fall flat on me, leaving my mind frozen and comatose," says Paul Benton, a local film aficionado who spent \$50 at Big Lizard before the store was a month old. "This is the best thing to hit town since the Sky-Hi Drive-in," Benton says.

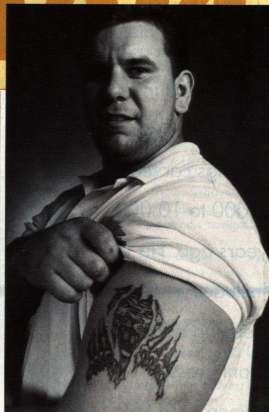


Highway low spots

On a football Saturday, all roads lead to Faourit Field. But motoring to the opening game with Tulsa on Labor Day weekend might require some patience.

Projects along I-70 will continue into the fall and could create delays.

The biggest bottleneck is the Missouri River bridge near Rocheport eight miles west of Columbia. Traffic narrows to one lane in both directions, and the renovation is not scheduled to be



Skin-sational

Tim Alvarado, BS '94, gets a lot of oohs and ahhs when he wears a tank top. People stop him in the street to get a better look at the tiger ripping out of his arm.

Alvarado, formerly a three-year starting offensive lineman on the MU football team, got tattooed prior to his senior season as a symbol of his commitment. "As soon as I got mine, it was the craze," he says. "At least a dozen other guys on the team went out to get their own skin art. A lot of them got tiger paws with their jersey number in the middle."

Even his dad was nuts about it. "He wanted to get one, too."

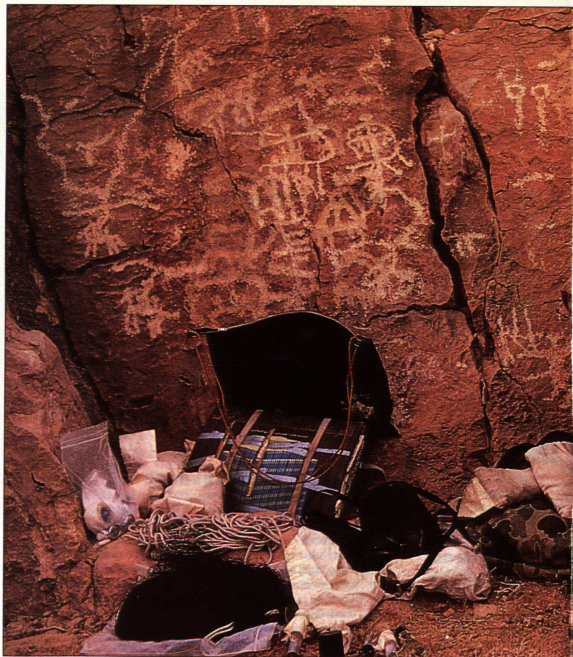
Ripping good time: Tim Alvarado always has an awful of Tiger.

completed until November. Call 1 (800) 710-4826, for recorded information.

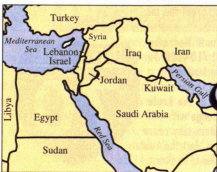
In the St. Louis area, construction of the Route 370 interchange with I-70 near St. Peters may cause some delays, but the route from there should be clear.



After traveling more than 30 days, Joe Hobbs takes a self-portrait in front of neolithic writings carved 5,000 to 10,000 years ago. His kit includes a sleeping bag, plant press, camera and tape recorder. No wonder some call him



Indiana



Joe

BY DEBORAH DIAMOND
PHOTOS BY JOE HOBBS

Talk to people about Joe Hobbs, and the Indiana Jones thing just keeps coming up.

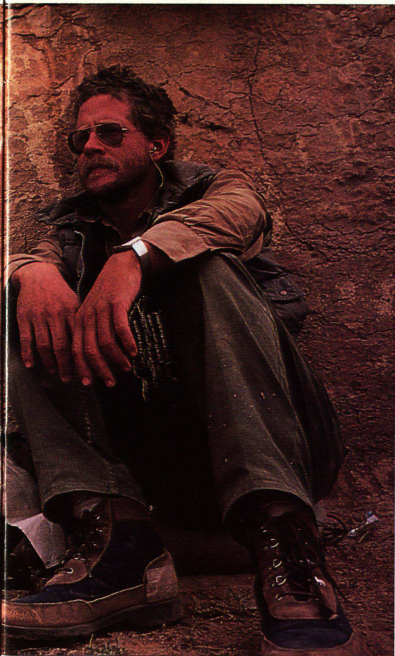
"He's like Indiana Jones except he's a geographer, not an archaeologist," says a former student.

"He's like Indiana Jones except he's a happily married man with a new baby," says a colleague.

Even the dental hygienist who cleans his teeth gets a kick out of her client's adventuresome escapades. "Indiana Joe," she calls him.

OK, maybe you wouldn't mistake this MU geography professor of Columbia for Harrison Ford of Hollywood. But even Hobbs has to admit — however reluctantly, with some good-natured eye-rolling — that there is some basis for the comparison.

"But that's a movie," he stately points out, ever the stickler



for detail. "This is real life."

Dr. Joseph Hobbs' real life does have a cinematic edge to it, however. This is a guy who was born Christmas Day in Alaska, who spent part of his childhood in Saudi Arabia, who attended high school in southern India. This is a guy whose idea of a honeymoon is to take his bride on a grueling three-week tour of Egypt at a time of year when the mercury climbs upward of 120 degrees. This is a guy who leads expeditions to the Arctic, to Australia, to places with romantic names like Djibouti and Sri Lanka and Madagascar.

He is fluent in spoken and written Arabic. He has spent months at a time living in the desert, and he can butcher a kid goat with a Swiss Army knife and afterward cook up a fine dinner over an open fire.

It's no wonder he wows 'em in the classroom back home.

Students who sign up for his courses — prepared to memorize country capitals and major rivers — are treated instead to a whole different slant on what it means to study geography. Boiled down, it goes something like this: The globe isn't just something you get as a graduation gift and set on a shelf; it represents a world out there waiting to be explored and better understood.

"Never pass up a chance to go abroad," is the Hobbs mantra. "It will require sacrifice, but it will change your life."

One of the episodes that changed the course of his life,

Hobbs says, was spending four years of his boyhood in Saudi Arabia, where his father worked for a company that maintained the airport in Dhahran. "Some Americans there had a demeaning attitude toward the local people," he recalls. "But my family didn't live in a compound. We lived among Saudis, Qataris, Pakistanis, Indians — people from all over the world — and it made a big difference in our experience."

In college, Hobbs struggled to combine his diverse interests, choosing to seek bachelor's degrees in both anthropology and environmental studies/natural history at the University of

California at Santa Cruz. He spent his junior year abroad at the American University in Cairo and found himself smitten with ancient Egypt. Just as he was considering a career in Egyptology, though, he met two Dutch ornithologists who needed an interpreter to help them in their fieldwork on the trapping and marketing of migratory birds. While with them he was introduced to a Bedouin man named Saalih Ali Suwaylim, who was to become the young American's chief mentor and guide in the Egyptian deserts.

Many desert
travelers
have been

astonished by the nomad's navigational and tracking ability, calling it a "sixth sense." The Khushmaan are exceptional way-finders and topographical interpreters able, for instance, to tell from tracks whether a camel was carrying baggage or a man; whether gazelle tracks were made by a male or female; which way a car was traveling and what make it was; which man left a set of footprints, even if he wore sandals; and how old the tracks are. Bedouins are proud of their geographical skills which, they believe, distinguish them from settled people.

Bedouin Life in the Egyptian Wilderness, page 81

"It was a chance meeting that turned into a career," says Hobbs, who became fascinated by the Bedouin people and the relationship these pastoral nomads have with their environment.

Then he found out there was an academic discipline that embraced the very things that fascinated him so. "I was surprised to learn that geography makes linkages between the natural world and cultures and the historical world," he says. "The way geographers express themselves is through maps, but they are most interested in human and environmental relationships."

Hobbs earned a master's degree in geography from the University of Texas at Austin in 1980 and emerged with his doctoral degree in 1986. His research, culminating in "Bedouin Reconciliation with the Egyptian Desert," won the Outstanding Dissertation Award at the University of Texas Graduate School for that year. In 1988 he joined the MU faculty, where he teaches Geography 2, a class with as many as 800 students, as well as several courses and seminars on the Middle East, environmental geography and humanistic geography.

Hobbs is well-known around campus for the painstaking preparation he puts into his lectures. Virtually every one is accompanied by slides he's taken himself or video footage from his fieldwork. "I love using video, because it's so engaging," he says. "A lot of students connect better with visuals." His method is to surround 10- or 15-minute segments with discussion that provides geographical and cultural context, and whenever possible he ties in current events.

"I talk a lot about how people use their resources, both wisely and unwisely," Hobbs explains. "I argue that we have many lessons to learn from the Bedouin, such as the ability to recognize limitations and stay within them. These are people with very few resources, but they have recognized the danger of exhausting what nature has given them. They could cut down all the acacia trees and kill all the ibex. But they know if they did that, they would be forced to move out of the desert and settle down."

Regardless of how passionately Hobbs presents that argument, however, there's nothing quite as compelling for students as observing these things for themselves. "When I show

video of Bedouins hunting gazelles without guns, throwing rocks with deadly accuracy — when they see that — it makes quite an impression."

Another point Hobbs likes to make to his classes is "how Bedouins have skills you and I have lost by virtue of our isolation from the natural world." He tells a story in which a 15-year-old Bedouin casually told him not to sit in a certain spot, because there was a viper lying there just beneath the surface of the sand. "I looked and looked, but I couldn't see it," Hobbs recalls. "I even photographed the spot, but still couldn't tell where it was. Then Sulimaan put a stick to the viper's head." When Hobbs shows the photo of the venomous snake's hiding place and then the snake revealed, students get the point.



Joe Hobbs almost sat on this spot, but a 15-year-old Bedouin told him to beware. Even after close examination, Hobbs could not see a viper lurking below the sand until a companion put a stick to the snake's head.

that Hobbs was asked to be a guest lecturer the following year. Since then, he has served as resident naturalist, lecturer and cruise director on tours to Turkey, Jordan, Sudan, North Yemen, Scandinavia, Russia, Ecuador, Ireland and many other destinations.

Dr. Kit Salter, professor and chairman of geography, emphasizes the benefits to students of Hobbs' unusual combination of intrepid explorer and meticulous scholar. "When Joe lectures about deserts, he talks about sitting around campfires with the Bedouin," Salter explains. "When he talks about the polar latitudes, he shows video clips of his approach to the North Pole. And when he talks about the importance of animal ecology, he can show slides and tell stories about his own interactions with exotic desert animals. He uses his field exploits to enliven every lecture he gives, which makes geography seem wonderfully real to Missouri students. We're lucky to have him."

According to Salter, many students cite this associate

In addition to his formal research, Hobbs does a stint each year as expedition leader for several "ecotourism" outfits that allow interested travelers to learn about what he calls "human impact on fragile places." This unusual line of work began in 1983 when a cruise director in the Red Sea asked Hobbs to give a talk on the Bedouin and the native plant life. The presentation was so popular

professor as the reason they have chosen to pursue geography as their own vocations. Former student Michael Steinberg, BGS '88, MA '92, counts himself among the Hobbs converts. "I was a rather confused graduate student at the time I met him, and he encouraged me to pursue my interest in the role local people can

play in natural resource management," he recalls. "He showed me through his own work that this is a viable field of study." Steinberg worked for Hobbs as a teaching assistant and admired the way the young academic lit a fire under jaded undergraduates.

"This was not just some PBS special," he says. "The guy on stage is showing videos he filmed himself, and he can explain every detail because he was there. Students were just amazed by that. Here's this guy who leads a seemingly normal life in mid-Missouri, and in the video he's traipsing around the desert with a tiny backpack and speaking fluent Arabic to these Bedouins. The textbook gives you the statistics, but Dr. Hobbs will give you the images that you remember."

Steinberg, who plans to become a geography professor himself, ranks Hobbs among the top two or three faculty members he's encountered. Hobbs demands much of his students, Steinberg says, but he also holds himself and his own work to some very high standards.

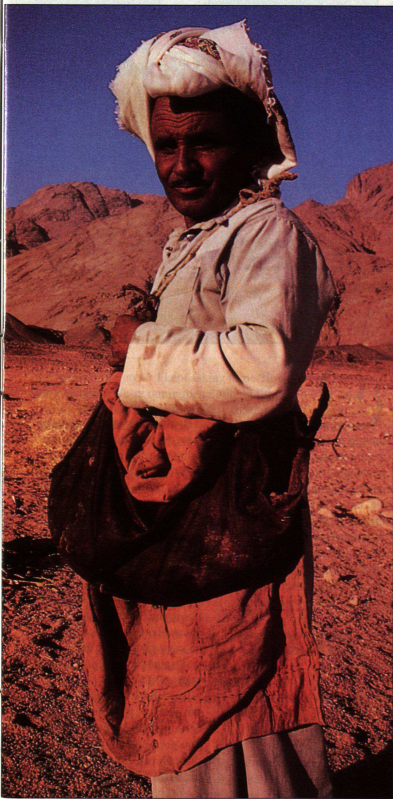
"I would say students think he's a bit eccentric," Steinberg concludes thoughtfully. "But eccentric in a good way. I think they're a little bit in awe of him."

Which is understandable, considering what Hobbs has accomplished in his 37 years. Already a widely respected authority on the Middle East, he has written two books on the region — *Bedouin Life in*

Sulimaan spotted two gazelle feeding below us.

His father caught up, surveyed the situation, and whispered to Sulimaan to take up a weapon. Saalih armed himself with an oblong fist-sized rock and edged closer to the canyon wall. He was downwind from the animals, and the upper branches of an acacia partially blocked the view: the gazelles were unaware of him. He crept closer to the canyon wall, then stood and hurled the rock with what he later said was half his might, for more velocity would have diminished his accuracy. I snapped photographs and expected a brief chance to catch the animals fleeing in fear down the canyon. Instead I heard a gazelle's desperate bark and Saalih's shouts for my pocket-knife. From thirty-five feet he had pitched his weapon with mortal accuracy, striking the animal's spinal cord.

Bedouin Life in the Egyptian Wilderness, page 44



Joe Hobbs' guide on his forays into the Egyptian Eastern Desert is Saalih Ali Suwaylim. The Ma'aza tribesman has a reputation among his peers as an outstanding naturalist.

Camels and Ma'aza Bedouin nomads trek across the South Galala Plateau in eastern Egypt. The harsh climate and topography are major contributors to the nomadic lifestyle of the Bedouins.



the Egyptian Wilderness and *Mt. Sinai* (forthcoming) — and co-wrote and edited a third, *The Birds of Egypt*. In the six years he's been at MU, he has earned some significant recognition for his teaching: in 1992 the student body honored him with the Purple Chalk Award, and this spring he was selected as one of 10 professors to receive a prestigious \$10,000 William T. Kemper Fellowship. And Hobbs has been awarded a much-coveted Fulbright grant that will fund more than a year of fieldwork in Egypt, where he will act as consultant to the government to help it plan a national park in southern Sinai.

Coincidentally, it was his fieldwork that indirectly led Hobbs to meet the woman he was to marry. "He used to hire me and my sister to take care of his house and his five pet tortoises while he was gone," Cindy Hobbs recalls. The two married in 1988, and in February 1994 their daughter, Katie, was born. "I miss him when he's away, of course," says Cindy, who teaches fifth grade at Fairview Elementary in Columbia. "But that's whom I fell in love with, was this traveling person who came back from these remote places and has such incredible stories to tell. I knew going into this marriage that he'd be away for long periods of time. Although sometimes I kid him that he married me so he wouldn't have to pay me to house sit."

Over the past decade or so, Hobbs has managed to make the trip to Egypt nearly every year, staying with the Bedouin for weeks or months at a stretch. Typically in the company of his guide and friend Saalih Ali, who has a reputation among his peers as an outstanding naturalist, Hobbs furiously tape-records and takes notes as he learns about the region's natural history, the local tribe's family history and the Bedouin world view. At the end of each day he transcribes his notes while they are still fresh in his mind. This makes for less sleep throughout an already rigorous trip, but Hobbs seems to relish the challenges presented by travel under trying circumstances.

"Much of the appeal for me lies in the beauty of that natural world, of the desert," he says, glancing at the maps and travel posters covering the walls of his office. "Particularly the nights under the desert sky — there is a certain depth and perspective you get being out there. It's a difficult place, but it's raw and beautiful."

Even more gratifying, however, have been the close relationships he's developed with the nomads who have shared their knowledge, their

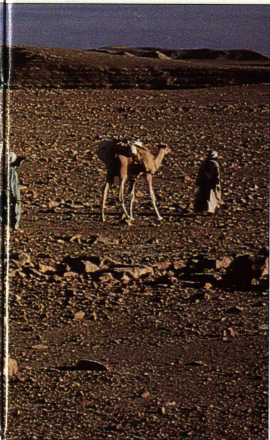
Communicate

What classroom adventure did you experience as a student at MU?

Mail to: Missouri Alumnus 407 Reynolds Alumni Center, Columbia, Mo. 65211

Fax to: [314] 882-7290

E-mail to: alumnus@muccmail.missouri.edu



food and their friendship with him.

"They are a tremendously warm, generous people who care intensely about their families," Hobbs says. "The people live there with so little, with no homes or possessions to speak of, and they're very happy. They're wonderful people to work with."

Sometimes Cindy goes with him, and each time she is struck by the bond her husband has with this place. "I remember when he first took me to meet his friends in

the desert," she says. "I kept asking him, 'How will we find these people? We're out in the middle of the desert.' He said, 'Don't worry, I told Saalih where to meet us.' And sure enough, there he was. Saalih had borrowed a truck from somebody and we bounced all over the Eastern Desert, going from one bunch of family members to another, having tea and going through these elaborate greetings. When it got to be nighttime, we just stopped in the middle of nowhere and rolled up in a blanket and went to sleep.

"It was one of the best experiences of my life, sleeping under the stars," she says. "I could see then why he's always wanting to go back."

Dick Doughty, a journalist, first met Hobbs in 1989 when he and his wife accompanied the researcher on a three-day hike in the Sinai peninsula. "Joe is good at what he does because he doesn't take his ego on the plane with him," Doughty says. "He approaches his work with a certain amount of humility. He walks slowly and makes time to meet people and have coffee with them and talk. When he comes along it's not, 'Oh, here's the great geographer from the United States.' It's, 'Oh, here's Joe, the great guy.' They like him for who he is."

One incident during that expedition was particularly telling, Doughty recalls: "We were sitting around the campfire with a man named Mahmud and one of Mahmud's uncles, and the two of them started arguing about the shape of the earth. The uncle was saying the earth was flat, and Mahmud was saying, 'You old coot, the earth is round.' Finally the uncle turned to Joe

and asked him what he thought. Joe hesitated, and then said, 'Well, we have this theory that it's round....'"

Doughty laughs even now as he tells the story. "I thought that was great. Here's this geography professor sitting there talking with a man who is convinced the earth is flat, but he wasn't putting down the guy's ideas, he was just putting another idea out there and letting it sit, for what it was worth. He has a lot of genuine respect for these people, and that comes across."

Back in Columbia, Hobbs continues his dizzying pace. Just back from an expedition he led on a Russian icebreaker making its way through the frozen seas north of the Arctic Circle, he is now preparing for the fall semester's classes, writing the captions to send off to the publisher of his latest book, and plotting his next trip to Egypt.

"Right now I'm trying to figure out how to bring Cindy and the baby along with me," he says. The intrepid explorer is momentarily appearing somewhat puzzled. "I'm new to this stuff," he admits. "But why can't you take an infant into the desert?" Then he brightens.

"I'm really looking forward to having them there with me, because Cindy will have access to the world of the Bedouin women. Their tradition requires pretty strict sexual segregation, so I've had very little contact with the women. She'll be able to tell me all sorts of interesting things."

But some questions remain unanswered: Will our Indiana Joe and his stouthearted spouse be successful in convincing little Katie of the value of rigorous geographic research? Or, perhaps more importantly, what will Indiana Joe do when there's a wild case of diaper rash in their midst and nary a drugstore in sight? No doubt he'll learn of a splendid natural remedy that's older than King Tut's tomb and write it up in his next book.

"We'll figure something out," he says, in true Indiana Jones style.

Stay tuned for the sequel and see. ☒

About the authors: Deborah Berost Diamond, BJ '87, is a Columbia-based free-lance writer whose work has appeared in *The New York Times*, and *Redbook* and *Parents* magazines. She also is a contributing editor of *Ladies' Home Journal*.

The Bedouins are awed by the purported size of the earth. It is difficult

for them to reconcile their detailed understanding of their homeland with the vast chaos described to them. Musallim

Sulimaan, bouncing his five-year-old daughter on his lap, was philosophical:

"Hamda, is the world wide or narrow?" I interjected, "It is wide," and he answered,

"If you are afraid, the world is narrow. If you are not, and you are free as we are, then the world is wide."

Bedouin Life in the Egyptian Wilderness, page 73



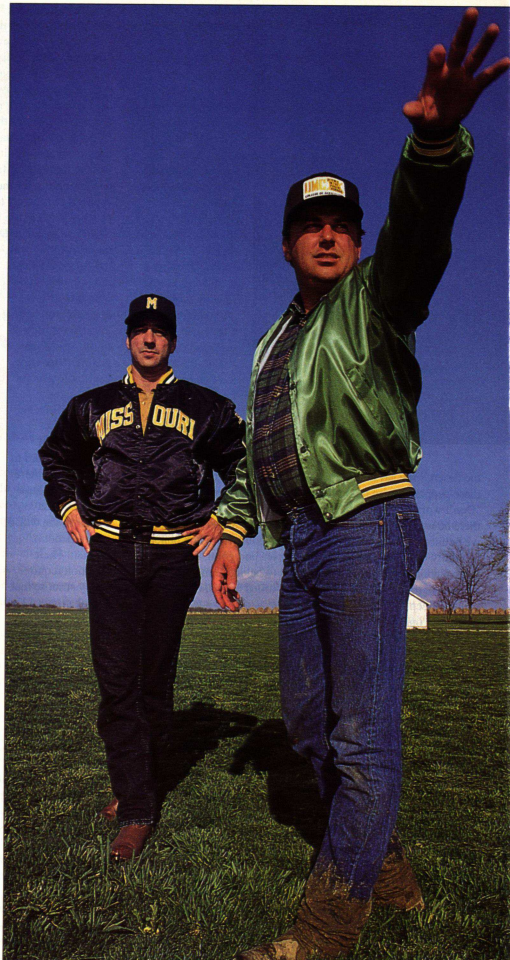
Sowing,
growing,
mowing

Grass for Faurot Field

BY TERRY JORDAN

Growing grass is muddy business. Dr. David Minner, left, and Gene Sandner, BS Ag '83, survey grass growing in western Boone County. Sandner and Darrell Seltam, BS BA '36, MA '37, of S&S Seed Farms and Evergreen Sod provided the acreage to grow Faurot Field's sod.

Rob Hill photo



Gene McArtor, Mizzou's former baseball coach, was frustrated by a recurring drainage problem in the outfield at Simmons Field. So he called his old friend, George Toma, head groundskeeper for the Kansas City Royals and Kansas City Chiefs, and a noted expert in the field.

Toma referred McArtor to Dr. David Minner, MU associate professor of horticulture and state turfgrass specialist. "He's the guy I go to when I have a question I can't answer," Toma said. That was in spring 1991. McArtor, BS Ed '63, M Ed '64, PhD '72, called Minner that day, the two talked about the poor field conditions, and Minner agreed to help. Since then, a number of interesting events have occurred:

- In a cooperative effort between academics and athletics, with some cost-saving measures thrown in, Minner directed a renovation of Simmons Field in fall 1992. The improvements included an all-new infield, a wall-to-wall irrigation system, AstroTurf aprons in high-traffic areas near the dugouts, an underground heating system to speed growth of grass for early-season games, and better drainage throughout the entire field — all for \$20,000.
- Shortly thereafter, Minner was named Groundskeeper of the Year by the American Baseball Coaches Association, an honor which normally goes to a current, full-time groundskeeper, not a consultant or turf specialist. "But I can't think of anyone who deserves it more," McArtor says.
- Athletic Director Joe Castiglione and former Director Dan Devine announced last year that Minner would head up a project to convert Faurot Field to natural grass for the 1995 football season. Dr. Roger Mitchell, dean of agriculture, food and natural resources, calls the effort "a happy marriage of two important programs on campus."

Castiglione, Devine and McArtor say they couldn't have picked a better field architect than Minner, who grew up listening to the Baltimore Orioles on the radio from his home in Seaford, Del., and lettered in three sports in high school. "I'm proud to say that I was at Memorial Stadium in Baltimore the day that Frank

Robinson hit the only home run that ever traveled completely out of the stadium," Minner says.

That was in the late 1960s, shortly before Minner began working summers on the maintenance crew at the Seaford Country Club. "I mowed grass and tended to greens on the golf course, and learned some things about making grass grow," he says. "One year, my friends and I built a baseball diamond in our neighborhood, and played on it and took care of it throughout the summer. Those experiences got me interested in the whole study of turf."

His interest led to a bachelor's degree in plant science from the University of Delaware, a master's in agronomy from the University of Maryland, and a PhD in horticulture from Colorado State University. Now, with the new sports projects, he's come full circle.

"For years, of course, everyone played on grass before synthetic turf came into being in the 1960s," Minner says. "And for a long time after that, we believed that AstroTurf and the like would solve all our problems. In recent years, though, due to

injuries from artificial turf and the simple fact of a better playing surface with grass, everyone wants to come back."

He notes that the Royals and Chiefs are considering a move to natural grass — he's been asked to consult on the project, in fact — and new baseball fields for the Orioles, Cleveland Indians and Chicago White Sox are natural grass. Where college football is concerned, Oklahoma is expected to unveil its all-grass field this fall.

Minner acknowledges that the Faurot Field project will be a much more complete rebuilding than the Simmons Field renovation. First, the present OmniTurf surface — consisting of 6 inches of rock drainage, 4 inches of popcorn asphalt, a 2-inch rubber mat and sand-filled synthetic carpet surface — must be removed. Additional excavation may be required to lower the field, thus improving the view from seats close to it. Then, new drains will be installed, topped by, in order, 4 inches of pea gravel; 8 inches of root zone sand mixed with organic matter; 4 inches of TurfGrids, reinforced sand, and the Kentucky bluegrass sod.

Turf out, grass in

The task of laying the new natural-grass turf on Faurot Field will begin as soon as the 1994 football season is over, Athletic Director Joe Castiglione says.

"We play our last home game against Kansas on Nov. 19," he says. "I fully expect that by Thanksgiving, we'll be out there taking up the old OmniTurf."

Some of the artificial turf may be used on various fields at Mizzou — Castiglione points out that dugout aprons on Simmons Field are made of AstroTurf — while other pieces will be sold. He dismisses a rumor that the OmniTurf will be re-installed at another site as a football practice field. "It's 10 years old and too worn," he says.

Excavation work and the installation of a new drainage system will continue through the winter. "Then we'll start laying the various sand-based subsurfaces, and by April or May we'll install the new sod."

The grass will be tended through the summer, and if tentative schedules hold true, the Tigers will play the first game on the new surface against Bowling Green on Sept. 9, 1995.

Castiglione estimates the cost of the project at between \$600,000 and \$700,000; about half of that will go for excavation. No special fund drive will be set up. "We'll pay for it out of funds from our capital campaign, which we're conducting now," he adds.

Castiglione notes that Don Faurot, former coach, athletic director and the person for whom the field is named, is 91 and still active.

"Coach Faurot helped lay the original grass turf on the field in 1926," Castiglione says. "We hope to see him out there helping us lay the new grass next year."

Why sand? "Because you need to keep the field as dry as possible during games or the sod will easily rip," Minner says. "Specially graded sands, being more porous than clay, give you good, fast drainage. I like my fields to move between 5 and 10 inches of internal water an hour." The main problem with the old grass surface at Faurot Field, he adds, was the 24 inches of clay underneath. "That wouldn't allow drainage at all, so turf diseases took over on the wet field and the weak surface couldn't take the traffic. It was a hopeless situation that wouldn't improve without reconstruction."

To those who don't believe grass can grow in Memorial Stadium, Minner says not to worry. "The key is to put in proper subsurface drainage with a special sand-based root zone. What we'll do at Faurot Field is similar to what they've done at the other successful new grass parks, such as Camden Yards in Baltimore, Comiskey Park in Chicago and the new Jacobs Field in Cleveland, where the Indians will play.

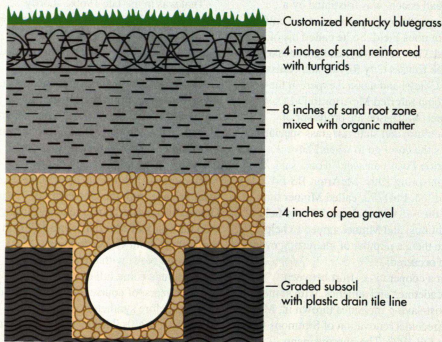
"Indeed, grass will grow on Faurot Field. I'll stake my reputation on it."

The grass is growing nicely on the infield at Simmons, where in 1992 new Head Coach Tim Jamieson led the baseball team in replacing the old sod, soil and gravel with new materials. A donation from the Tiger Bullpen Club helped make it possible.

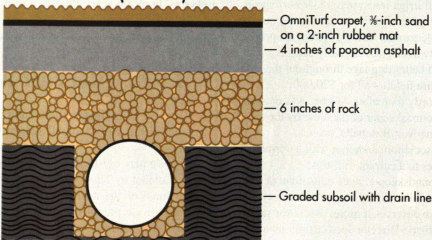
While volunteers will not be used to the same extent on the Faurot Field project, donations and donated materials are just as welcome. Gene Sandner, BS Ag '83, and Darrell Seltsam, BS BA '36, MA '37, owners of S&S Seed Farms and Evergreen Sod of Rocheport, Mo., provided the sod for Simmons Field and are offering their land for growing Faurot Field's turf. "We'll need the equivalent of about 2 1/2 acres of sod for Faurot, and we've got almost 20 acres growing out at Evergreen," Minner says. "We'll be fine."

This is the largest project yet for Minner, who helped on projects for the Los Angeles Raiders and the Cleveland Browns. "I'm looking forward to working with Larry Smith as well," he says. "The Tigers are bouncing back, and we're going to help them. We'll give them a field they can be proud of." □

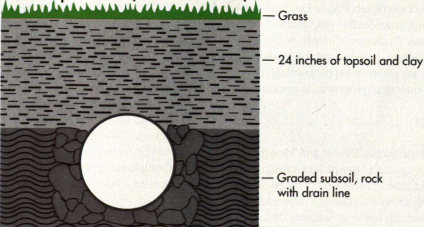
Cross sections of Faurot Field



▲ The future (1995-)



▲ The present (1985-1994)



▲ The past (1926-1984)

Win the war on dandelions and other weeds

If yardwork makes your lawn seem the size of a football field, read this. The green thumbs of University researchers will "go long" toward solving your problems.

Turfgrass researchers are developing a new variety of buffalograss — a grass that's drought-tolerant, incredibly easy to grow, winter-hardy, free of diseases and requires almost no maintenance. It needs mowing as little as three times a year.

The new variety, which will be released to sod producers next summer, will "green-up" fast, says Dr. Suleiman Bughrara, who, with turf researcher Dr. John Dunn, has developed the variety. It will be adapted to Missouri's heavy, compacted soil and harsh winters.

For gardeners tending to other varieties of lawns, University experts have sound advice.

Now is the best time

"Early September through October is the best time to apply fertilizers, especially for cool-weather grasses such as bluegrass and tall fescue," says Denny Schrock, University Extension horticulture specialist. "Heat and dry summer weather stress these grasses. They need to build up their stored reserves to survive winter in top shape."

Schrock says late spring fertilizer applications should be given to irrigated lawns only. "If you don't water regularly through the summer months, I recommend you only fertilize in late summer or fall," he says. "Even on highly maintained, irrigated lawns, most of the fertilizer should be applied in the fall."

He says fall also is the best time to control that bane of most lawn owners, the dandelion. "Spraying them with herbicides in the spring will give you temporary revenge but won't solve the weed problem."

Rather than concentrating on fertilization and weed control in the spring, homeowners would be better off putting an equal amount of energy into proper mowing, Schrock says.

"Grass grows quickly in the spring, so once-a-week mowing is not enough," he says. "Set the

mower so that no more than one-third of the grass blade length is removed at one time."

For warm season grasses such as zoysiagrass or buffalograss, which should be cut to a height of 1 1/2 to 2 1/2 inches, this means mowing when the grass is 2 to 3 inches tall. For tall fescue or bluegrass add about an inch to those figures.

"If grass gets too long, you have a clipping removal problem. By mowing frequently, you can just let the clippings lie," Schrock says.

To mulch or not to mulch

Finicky homeowners remove clippings from their lawns, but 14 states, including Missouri, have banned yard waste from landfills, making it harder to dispose of the clippings. "Lawn clippings won't contribute to thatch buildup. In fact, they help maintain fertility and moisture."

Schrock says that about 20 percent of the solid waste stream in a typical city is made up of yard waste.

"Using grass clippings as a mulch and fertilizer makes them a resource, rather than a waste."

Some cities, such as Columbia, recycle yard waste into mulch and fertilizer by providing separate containers for its collection, then taking it to a central place where it is composted.

The crabgrass wars

There are some weeds that try a gardener's patience and civility. And then there is crabgrass.

An annual weed of the worst kind, crabgrass can make a civil-tongued person swear like the proverbial sailor, but fall is not the time to combat it.

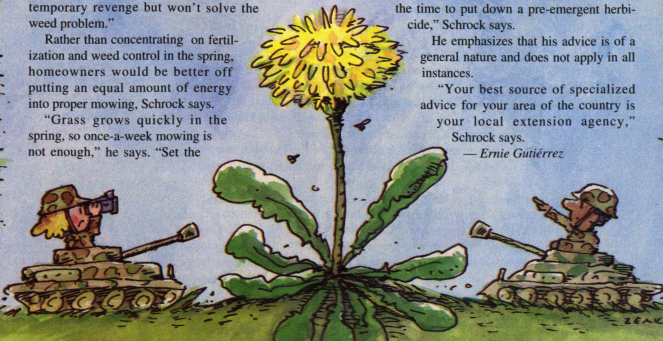
"When the forsythias are in full bloom, that's the time to put down a pre-emergent herbicide," Schrock says.

He emphasizes that his advice is of a general nature and does not apply in all instances.

"Your best source of specialized advice for your area of the country is your local extension agency."

Schrock says.

— Ernie Gutiérrez



Unravelling the mysteries
of arthritis, a painful
condition affecting more
than 37 million
Americans, is the
mission of MU's Arthritis

Center Director
Dr. Gordon Sharp,
below, and the

In laboratories on every corner of campus, dozens of MU scientists are wrestling with some of the same questions. Why do autoimmune diseases — such as rheumatoid arthritis, lupus and scleroderma — trigger the human body to self-destruct? What causes the body's immune system to go haywire and attack its own tissues?

And how can doctors treat, or some day even prevent, these and other

rheumatic diseases? Finding an answer to those questions would make life easier for the 37 million Americans who have one of the more than 100 forms of arthritis.

Arthritis can be much more than the aches and pains of old age. Even young children can suffer from a juvenile form of rheumatoid arthritis. Arthritis can turn a person's daily routine into a painful obstacle course. Some forms, called autoimmune diseases, not only can destroy

'A' Team

STORY BY JOHN BEAHLER, PHOTOS BY ROB HILL



joints and bones, but also can attack the lungs, heart, kidneys and circulatory system. One out of five Missourians, — an estimated 1 million people — has arthritis.

"Normally, our immune system is a protective mechanism that attacks invaders such as viruses, bacteria and fungi," says Dr. Gordon Sharp, Curators' professor of medicine and the internationally known biomedical researcher who heads MU's Arthritis Center. "But with autoimmune diseases, the immune system is reacting with our normal cells and tissues, creating great havoc."

Although researchers at Mizzou don't have the final answers, they are in the front ranks of scientists around the world who are probing the mechanisms of autoimmunity. The center includes a core

of more than 80 faculty members, who span a rainbow of academic disciplines. They include experts in internal medicine, physical medicine and rehabilitation, pathology, orthopedic surgery, psychiatry, pediatrics, biochemistry, microbiology, molecular biology, statistics, nursing, psychology, journalism, and physical and occupational therapy.

Two thousand years ago, the Greeks believed arthritis was caused by a bodily humor that flowed from the brain. Today, researchers are targeting the incredibly complex cascade of biochemical events that churn through the body's cells.

Scientists at MU have made major breakthroughs. Basic research by Dr. Helen Braley-Mullen, professor of internal medicine and molecular microbiology and

immunology, is leading to a better understanding of the mechanisms that turn some immune cells into factories that pour out harmful antibodies.

MU researchers have mapped the surface of tiny snippets of nuclear proteins, locating the areas where antibodies attach. Dr. Robert Hoffman, associate professor of internal medicine, and his colleagues have found specific genes that may predispose a person to some forms of rheumatic disease.

Dr. Kim Wise, professor of molecular microbiology and immunology, recently received a major grant from the National Institutes of Health to continue his study of minute organisms called mycoplasmas. Wise, along with Hoffman and other collaborators, is exploring whether mycoplasmas are the "invaders" that trigger autoimmune reactions in some

Out of the blue

IT'S NORMAL to get the blues from time to time, but when those down-in-the-dumps feelings escalate into major depression there could be some serious consequences.

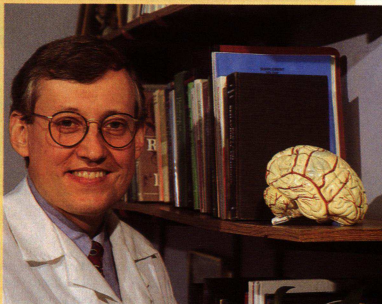
Depression can be a debilitating disease all by itself; combined with the chronic pain of arthritis there's a potential for severe disability, says Dr. Jerry Parker, associate professor of internal medicine.

Parker and other MU researchers are studying the relationship between depression and arthritis. They're asking if managing depression also reduces the disability of rheumatoid arthritis. It's an important question, because nearly one of five people with rheumatoid arthritis will develop major depression. Standard arthritis treatments don't focus on this secondary illness.

"People with rheumatoid arthritis live with quite a heavy psychological burden," says Parker, who is chief psychologist at the Truman Veterans Hospital in Columbia. "They must cope with severe pain and also with great uncertainty. The disease comes and goes in unpredictable ways; neither physicians nor patients can predict when or fully understand why."

Parker and his colleagues are using what's known as a "biopsychosocial" model. This approach recognizes that the biological aspects of a chronic disease like arthritis are entwined with psychological and sociological factors. There can be difficult adjustments in family relationships, for example, and often there are economic consequences as well. As a

Research by psychologist Jerry Parker and other Mizzou faculty is aimed at establishing the best ways to treat the millions of arthritis patients who suffer from depression.



group, people with rheumatoid arthritis earn only half what would be expected for their age and education level.

The study will treat patients with an antidepressive drug. One group will receive only the drug. Another set of patients will receive the drug in addition to "cognitive behavioral" counseling, which helps patients with depression replace pessimistic thought patterns with a more optimistic outlook. The idea is to help them break out of a cycle of isolation and inactivity.

Then researchers will look for different levels of disability and depression between the groups of patients. They'll also track the hormones and other blood chemicals that are markers for disease activity. Their findings could have an impact on treatments for arthritis and other chronic diseases that can help patients lead a more normal life.

rheumatic diseases. Other scientists are studying the impact of depression on rheumatoid arthritis. Still others are looking at the ways that aerobic exercise reduces the pain and swelling of arthritis.

Sharp, professor of internal medicine and pathology, is the glue that holds together this massive research and education effort. His soft-spoken civility doesn't match the description one colleague has for him: "Dr. Sharp is relentless as Ahab in search of the white whale."

There was no rheumatology program when Sharp came to MU in 1969. Over the next 25 years he helped build a center that is an international powerhouse of arthritis research. In recent years, he and members of his team have been awarded more than \$8 million in

research and education grants.

In his own biomedical research, Sharp has discovered some of the main serologic markers for a variety of rheumatic diseases. Using those markers, called "antinuclear antibodies," Sharp developed tests that allow doctors to diagnose and classify patients much earlier, when these diseases can be more easily controlled. He established the Antinuclear Antibody Laboratory at MU, and physicians from around the world now send more than 7,000 serum samples each year to be tested using the lab's latest techniques.

Perhaps even more important, Sharp has been a mentor to a whole generation of young arthritis researchers. He's also trained scores of badly needed rheumatology specialists.

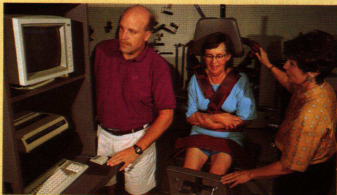
"We know that we can't yet cure these diseases, but we have new drugs, as well

as physical therapy and occupational therapy approaches," Sharp says. "If they're used early on we can prevent some of the deformities and complications in many individuals, so it's important to diagnose them early."

"Right now, 95 percent of arthritis patients have to be cared for by family physicians and generalists, many of whom have not had much background and training in arthritis. There simply aren't enough rheumatologists to treat them all," he says.

Sharp made his mark early in the field of rheumatology. As a medical student at Johns Hopkins University, he realized that quite a few family members had significant problems with rheumatic disease. At Johns Hopkins, he worked with pioneer pathologist Arnold

Marian Minor, MSPH '79, PhD '89, assists Betty Overall of Columbia on a dynamometer, a device that tests muscle range and strength. Tom Smith, MA '93, takes the readout on a computer.



Keep them moving

From her first days as a physical therapist, Marian Minor has seen how devastating arthritis can be. "My first patient was a woman who had rheumatoid arthritis for 25 years and was terribly disabled," says Minor, MSPH '79, PhD '89. "She stayed in my mind because there just wasn't anything I could do for her. It was unsettling to feel so helpless and useless."

Medications and treatments for arthritis have improved dramatically since then. Minor, assistant professor of physical therapy, and her colleagues at the Missouri Arthritis Center have had a hand in rewriting the textbooks about the role exercise can play in treating arthritic diseases. Beginning in the mid-1980s, their research demonstrated that carefully controlled aerobic exercise is an effective treatment. In some cases of rheumatoid arthritis, exercise resulted in a 40 percent decrease in joint swelling.

Before that research, the prescription for the pain and complications of arthritis was plenty of rest. "When we started out, you didn't say aerobic and arthritis in the same sentence; that was radical stuff," Minor says.

affects the immune system in some way. We still have a lot to learn."

People from around mid-Missouri with arthritis have a special resource in the Health Connection, located in Columbia's Parkade Plaza. Sponsored by the Missouri Arthritis Rehabilitation Research and Training Center at MU, the Health Connection offers low-cost exercise programs for older adults, beginners and anyone with special needs. It also serves as a research laboratory where Minor and other Mizzou faculty and students study the effects of exercise on people with arthritis.

Minor, in collaboration with Dr. Joyce Mitchell, director of the Medical Informatics Group at MU, is working on another hurdle: getting the most up-to-date information into the hands of people with arthritis. This fall they hope to start testing an interactive computer program that lets people with osteoarthritis assess their own range of motion and strength. Then the computer puts together an individual exercise program and makes a 15-minute videotape for the patient to take home.

And there can be a bigger payoff beyond simply becoming more fit, Minor says. "Learning to exercise well and successfully helps people learn to solve other problems in their lives related to arthritis."

Rich, who was doing some of the first groundbreaking research in autoimmune diseases. After two years of research training at the National Institutes of Health, Sharp moved on to a residency and fellowship at Stanford.

It was at Stanford that he and his colleagues first recognized an unusual group of patients with symptoms that had overlapping features of a number of rheumatic diseases — lupus, scleroderma and polymyositis. Tests showed that they had extraordinarily high levels of novel antinuclear antibodies, which was not typical of other rheumatic diseases. Sharp and the others concluded that they were dealing with a distinct disease. In the late 1960s they began reporting on their work with the disease they called mixed connective tissue disease. Sharp's contributions to the research were

acknowledged when the condition became known in some countries as "Sharp's Syndrome."

"We thought then that it might be clinically important to identify these patients because they might require different treatment," Sharp says. "Second, these extraordinarily high levels of antinuclear antibodies, if studied in the lab, might yield some information that would give us a better understanding of the disease."

He was right on both counts. Patients with mixed connective tissue disease responded to corticosteroid drugs and, unlike lupus patients, they seldom had serious kidney disease. Studying the unusual antibodies connected with the disease was equally productive.

"There is no doubt that this concept has stimulated a tremendous burst of research

internationally, which has brought us to a clearer understanding of some of the probable factors involved in the disease," Sharp says. "It has helped us learn more about the mechanisms at work."

Continuing his work at MU, Sharp conducted a 15-year study that found patients with mixed connective tissue disease often experienced serious lung problems. In his first years at MU, he also went quietly to work building a research and training team that was soon recognized as an important contributor in uncovering basic information about autoimmune rheumatic diseases.

But Sharp didn't merely stay in the laboratory and the examining room. Another enormous contribution has been his efforts to fund basic research and



Exercise instructor Frances Deal Cheper, 73, leads the aerobic workout in the Health Connection, sponsored by Mizzou's Arthritis Rehabilitation Research and Training Center. Located in Columbia's Parkade Center, the Health Connection provides a range of low-cost exercise options for adults, whether or not they suffer from arthritis.

deliver that research to patients and doctors who need it most. In the mid-1970s, he was a member of the National Arthritis Commission that held public hearings throughout the nation, gathered information about arthritis and recommended a national plan of action to the U.S. Congress. The commission report was instrumental in establishing federally funded multipurpose arthritis centers all around the country, including one at MU.

Although those centers were a big first step, they didn't go far enough. "We came to the realization that they didn't have enough money to do community work," Sharp says. In the late 1970s, he and others went to the governor and state legislature for support. Sharp was chairman of a new state Arthritis Task Force, appointed by

Gov. Christopher "Kit" Bond. "We did the same thing that was done on a national level; we surveyed Missouri communities and held hearings and found out what problems are facing arthritis patients in Missouri."

In 1984 a new state law authorized a network of regional arthritis centers. In collaboration with the Arthritis Foundation, these centers brought treatment and education services to communities around the state. It's a unique undertaking; Missouri is still the only state with such a community-based arthritis effort. Many people call Sharp the father of these regional arthritis centers.

"Now a patient doesn't have to travel from Bethany, Mo., to Columbia or Kansas City, but can go to St. Joseph. A patient in the Bootheel doesn't have to go to St. Louis, but can go to Cape Girardeau.

The intent is to provide optimal treatment and care for patients as close as possible to their home communities," he says.

In 1988, the Arthritis Center, in collaboration with MU's Rusk Rehabilitation Center, received a grant to establish the nation's only arthritis rehabilitation, research and training center funded by the U.S. Department of Education. That support continued in 1993, with an additional \$3.3 million grant to continue support for research, training and dissemination of new information.

"With the federally funded arthritis centers and with the regional centers in Missouri, we now have the wherewithal to deal with people afflicted with arthritis," Sharp says. "We can improve their quality of life and help them become more functional." □

Research promises hope for lupus patients

Women make up the vast majority of people who suffer from the autoimmune disease called systemic lupus erythematosus. That's why scientists have suspected for years that the female hormone estrogen somehow triggered the sporadic flares of the disease, which may be associated with bouts of skin rash, nervous disorders and joint pain.

Nearly two-thirds of lupus patients suffer from the mild form of the disease, but in severe cases lupus attacks the heart, lungs, brain and kidneys. The disease can flare up when women are pregnant, or when they take birth control pills which contain estrogen.

Now, a preliminary study by MU rheumatologists suggests that another hormone called prolactin may play a role in lupus. That finding holds out the promise of a new treatment, using a safer drug that has fewer side effects and that already is used to treat other illnesses. Prolactin is produced by the pituitary gland at the base of the brain and is the hormone that stimulates production of mother's milk. Scientists recently learned that prolactin also stimulates the body's immune system.

Using hybrid mice that spontaneously develop a lupus-like disease, Drs. Sara Walker and Robert McMurray, professor and assistant professor

of internal medicine, tested the theory that prolactin is involved in lupus. Some of the mice received doses of bromocriptine, a drug that lowers prolactin levels. In another group of mice, prolactin-producing pituitary glands were transplanted. The mice that received bromocriptine lived substantially longer and showed fewer signs of disease. The second group of mice developed high levels of prolactin and died prematurely from lupus.

In a small group of human patients, treatment with bromocriptine resulted in marked improvement. Results of the preliminary research are so encouraging that Walker and McMurray are developing a full-scale study to establish the effectiveness of bromocriptine in suppressing some forms of lupus. That, and other new treatments, give lupus patients new optimism.

"Every year, the outlook for living with lupus increases," Walker says. "We expect most people with lupus to be alive many years after the diagnosis is made.

Those are pretty good odds — almost better than driving a car every day."

By studying hybrid mice, Dr. Sara Walker and her colleagues are testing a theory that the human hormone prolactin plays a role in lupus.



New breed of cat poised and ready to pounce on foes

By Shawn Barnes, BJ '92

When MU football Coach Larry Smith was hired last fall, he offered no predictions for the 1994 season. He did promise, however, a team that will be well-prepared, play to the best of its ability and have a chance to beat any team it plays.

As the season closes in, Smith is not thinking differently. But last spring's practices and the summer conditioning program serve as reinforcement of the idea that the 1994 Tigers hold their fates in their own hands.

"We're not a team that will walk onto the field and beat anybody we play. We're going to have to work our butts off," Smith says. "On the other hand, we're not a team that's going to walk on the field and get blown out, either, and be at the bottom of the barrel. I think we're right in between, and we will decide our own destiny."

This season's destiny lies with a cast of veterans and young players on both offense and defense. About 80 percent of the players stayed in Columbia over the summer and worked out at the Dutton-Brookfield training complex.

"It's a commitment," Smith says. "They want to do well, and they're hungry. This team has worked very hard to prepare itself for this season."

Perhaps the biggest change the Tigers have undergone is in Smith's offensive philosophy. MU was known for a high-flying offensive attack that boasted a potent passing game. Smith and new offensive coordinator Jerry Berndt have installed a more balanced attack that relies on running and passing plays. It's a system that fits the talents of many Tigers, including quarterback Jeff Handy. "Jeff has done very well," Smith says. "He's an excellent play-action passer. We'll be using a lot of audibles, and he's very good at using them, too."

The 1994 Tigers arguably have more depth at running back than any team in recent years, and Smith is looking to seniors Joe Freeman, tailback, and Michael Washington, fullback, to provide leadership. Freeman gained more than 100 yards in three of the last four games last season and finished with a team-high 675 yards. Washington had rambled for 407 yards and four touchdowns in six games before suffering a season-ending knee injury against Oklahoma State.

Throw into the mixture returners Tiger

Boyd, Ron Janes, Antwan Johnson, Ryan Lyons, Felix Lindsey and Greg Smith, and the Tigers have ample numbers, Coach Smith says. Freshman Ernest Blackwell from Eureka, Mo., also might get some playing time.

The backs will run behind a largely untested line. Senior Troy O'Neil returns at left tackle as the only starter, but fellow senior Rafe Parsons has experience on the line.

Open spots left by the departure of All-Big

Eight guard Mike Bedosky, tackle Tim Alvarado, guard Matt Pearce and center Matt Burgess, will be contended for by several returners who have seen some action. Juniors Tim Keith, Chris Barrows, Reagan Allen, and sophomores Russ Appel and Travis Biebel will vie for spots, as will junior college transfer Chris Buck.

Tight end is a position that figured most prominently as a receiver in the old system, but blocking will become more important this season.

Sophomore Billy Lingerfelt figures to be the starter after A.J. Ofodile left MU after his junior season and was drafted by the Buffalo Bills.

One of the greatest transitions to the new offensive style has been on the offensive line, Smith says. "A big part of our development on offense will depend on how the offensive line molds itself together.

"It's been a good transition; they've jumped right on top of it. I felt good after spring practice with that group."

Receivers Mike Jadlot and Kenny Holly have completed their eligibility, leaving senior Brian Sallee — who ranked third on the team last season with 34 catches for 406 yards and a touchdown — as the only returning receiver who started a game last season. But Smith says sophomores Rahsetnu Jenkins and Lou Shepherd will see time.

Senior Kyle Pooler returns at placekicker. Though it will be similar in scheme, this

year's defense will undergo subtle changes. "Last year they were pretty much of an eight-man blitzing front, and we will be more of a seven-man attacking front," Smith says. "We want to be sound in what we're doing and try to force some things. But we want to attack, we don't just want to sit back and read things."

Eight of 11 players who started the first game of 1993 return to the defense, on which Smith says he will rely heavily at the beginning of the season.

"I expect a lot out of our defense," he says. "I expect a lot of improvement over a year ago. I think that early in the season our defense will give our offense a chance to mature.

"We've got some very fine players on defense, and we've got experience. At this point, the defense is very solid."

Senior leadership will be vital. Linebackers Darryl Major, a second-team All-Big Eight selection last season, and Travis McDonald and free safety Andre White

rackled up 342 combined total tackles last season. Senior Marc Pedrotti, defensive end/linebacker, returns from an injury-shortened season, and senior defensive backs Detrick Wells, Jerome Madison and cornerback Kevin McIntosh have extensive experience.

Junior defensive lineman Steve Martin returns in the middle. Open spots include defensive end, where Rick Lyle started last year, and the other cornerback, where Jason Oliver started for two seasons.

Senior linemen Damon Simon and Matt Murray return and will vie for positions. Pooler also figures to punt.

A strong start in the preseason would put the Tigers in good position entering Big Eight Conference play.

"Playing games," Smith says, "will be the only sure way to measure the potential of the 1994 Tigers."

'94 FOOTBALL SCHEDULE

SEPT. 3	TULSA 6:30 P.M.
SEPT. 10	ILLINOIS
SEPT. 17	HOUSTON
OCT. 1	WEST VIRGINIA
OCT. 8	COLORADO (HOMECOMING)
OCT. 15	OKLAHOMA STATE
OCT. 22	NEBRASKA*
OCT. 29	IOWA STATE
NOV. 5	OKLAHOMA
NOV. 12	KANSAS STATE
NOV. 19	KANSAS
NOV. 26	HAWAII

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Expecting the best

By Phil Gottschalk, AB '41



"Better!"

That is the most frequent word used by Missouri fans, players and coaches to describe the 1994 Tiger football team.

Except for Woody Widenhofer's five wins in 1987 and Bob Stull's four wins in 1990, the Tigers have not won more than three games in any year of the past 10 years — only 30 victories in 110 games. Even worse, Widenhofer had three blowout losses of 40 points or more in his four years, while Stull had nine such blowouts in his five years. That is why nearly everyone expects the 1994 team to be "better" because four wins would equal Stull's best year, and five wins would equal Woody's best year.

I believe Mizzou has begun its long struggle back to respectability by hiring head Coach Larry Smith. And I backed my belief by more than doubling my modest annual contribution to the Tiger Scholarship Fund. Like most residents of the Show-Me State, I am not giddily optimistic, but I am waiting to see concrete results on Faurot Field and on the road, where victories have been nearly non-existent.

Only players win or lose games, but the quality of their coaching is a major factor in

how well or how poorly they utilize their talents. Three of Smith's top assistants have 25 years' combined experience as head coaches. They learned their jobs at big-time schools such as Michigan, Washington, Southern California, Pennsylvania, Arizona, Dartmouth and Tulane. Mizzou will not lack for experienced and cool heads to develop game plans and, more important, to adjust their plan to changing circumstances during the game. They know how to teach solid football techniques.

Youthful enthusiasm will mix with experience in the hiring of five younger coaches who also bring solid credentials. They played or coached with professional teams such as the Denver Broncos, Chicago Bears, Los Angeles Raiders, Phoenix Suns, Kansas City Chiefs, San Diego Chargers, Green Bay Packers and San Francisco 49ers.

"These coaches are relentless and will settle for nothing less but high intensity," free safety Andre White says. "We have not been a disciplined team before. Coach Smith doesn't want you if you are not giving your all on every play."

Add linebacker Darryl Major: "There's no messing around. It's an entirely different mentality. There's a lot more enthusiasm, and practices are a lot more physical."

This Old Fan attended every spring prac-

tice conducted in full pads and saw great emphasis on the fundamentals of blocking and tackling. Fewer plays were used, but were run again and again to work out the smallest details. The discipline that results from hard practices and demanding coaches leads to the physical toughness that breeds the mental toughness that is the great difference between winners and losers. Football will always be a game of emotion as well as skill, and toughening player attitudes is a key ingredient well-recognized by Coach Smith and his staff.

Expect to see the Tiger running game come to life. "That will take a lot of pressure off me," says quarterback Jeff Handy. "We are going to be able to keep defenses on their heels."

The Tigers will face many teams that have more returning starters and perhaps are deeper in quality reserves, so miracles cannot be expected. You can expect to see a well-prepared team that will play hard for the full 60 minutes. You will not see embarrassing defeats of 40 points or more.

The Old Fan hopes the stands in Faurot Field are bulging with noisy Tiger fans Sept. 3 for the opening night game with Tulsa. I guarantee you will like what you see. — *Phil Gottschalk has written the "Fan in the Stands" column for the Columbia Daily Tribune since 1972.*

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Twins recruited

The men's basketball team added even more firepower to its 1994-95 roster with the recent addition of 7-foot twins and a point guard.

Coach Norm Stewart announced May 24 that Sammie and Simeon Haley of Myrtle Beach, S.C., and 6-1 guard Troy Hudson signed national letters of intent and will play for the Tigers next season.

The Haley twins, will transfer from Connors State Junior College in Warner, Okla., where they led the team to a 31-5 record last season. Though they are twins, the Haleys aren't quite the same.

Sammie shoots left-handed, while Simeon shoots right-handed. Sammie, a 64 percent field goal shooter and Connors State's all-time leading rebounder, scored 13.8 points a game, grabbed 10 rebounds and blocked 102 shots. Simeon shot 56 percent from the floor, scored 14 points and averaged 10.9 rebounds a game last season.

The Haleys make the second and third 7-footers to sign with the Tigers this recruiting season; 7-0 Monte Hargde from Jefferson City signed a letter of intent during the fall signing period. Hargde is the brother of

Missouri defensive tackle Steve Martin, who will be a junior this year.

Carbondale (Ill.) High School guard Troy Hudson also signed. Hudson scored 24 points a game last year while leading Carbondale to a second-place finish in the Illinois High School State Tournament.

The three recent signees give MU seven recruits for next season. In addition to Hargde, 6-7 Scott Combs from Paoli, Ind., 6-2 Kendrick Moore from Hartford, Conn., and 6-4 Corey Tate, a transfer from Mineral Area College, signed earlier.

Basketball festival includes Mizzou

Last season, the men's basketball team placed itself among the nation's elite with an undefeated Big Eight Conference season and an exciting run toward the national championship. This season, the Tigers will get to relive some of that success in a unique college basketball festival.

MU will compete in the inaugural Great Eight event, a matchup of seven of the eight regional finalists in last year's NCAA Tournament; national champion Arkansas declined its invitation to the festival and will be replaced by the University of Connecticut.

The Great Eight, a joint venture of ESPN

and Raycom sports networks, will be held Nov. 29 and 30 at The Palace in Auburn Hills, Mich. Teams play just one game in the event. ESPN will televise Missouri vs. Purdue Nov. 30 at 6 p.m. CST.

Other teams that will compete in the Great Eight include Boston College, Florida, Duke, Purdue, Michigan and Arizona.

Jamieson leads baseball program

A national search to replace former Missouri baseball coach Gene McArtor ended in the Tigers' dugout.

Tim Jamieson, who spent the past six seasons as MU's pitching coach, was picked as the Tigers' new coach on June 11 by Athletic Director Joe Castiglione. Jamieson, 34, replaces McArtor, who retired at the end of the 1994 season after coaching the Tigers for 21 seasons. Jamieson is just the third coach in the history of the program. In 1974, McArtor succeeded John "Hi" Simmons, who coached the Tigers from 1937-73.

"I'm very excited about the opportunity," Jamieson says. "Obviously, Mizzou has a proud baseball tradition, thanks to John Simmons and Gene McArtor, and all the players who have gone through this program. I plan to use that tradition — along with my

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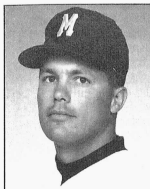
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Tim Jamieson

own ideas — to build this program.”

Jamieson has made a profound impact in his work with the pitching staff. Three staffs have finished either first or second in earned run

average in the Big Eight Conference, and the Tigers' 4.23 ERA in 1993 was the lowest team total since 1981. Fourteen pitchers — including four first-team selections — have earned All-Conference honors under Jamieson's tutelage.

Before joining McArtor's staff, Jamieson spent six seasons as pitching coach at the University of New Orleans, his alma mater. He coached three current major league pitchers at UNO, where he earned a bachelor's degree in business administration and master's degree in business.

Jamieson's father, Dick, was an assistant coach for former MU football coach Al Onofrio from 1972-77.

Training the Blues

Athletic trainer Ron DuBuque, BS Ed '82, M Ed '87, has traded the hard courts for ice rinks.

DuBuque, who has served as the men's basketball trainer since 1984, accepted a position with the St. Louis Blues' training staff in June.

In addition to his duties with the basketball team, DuBuque served as head athletic trainer for Coach Norm Stewart's basketball camp. He also worked as a sports medicine consultant for the Columbia Orthopaedic Group.

Books for athletes

MBS Textbook Exchange Inc. has made a three-year commitment to the athletic department that will provide textbooks for all student-athletes.

The MBS contribution is estimated at \$250,000 and, when combined with the existing Walsworth Book Endowment, will provide all educational books and supplies for almost 400 student-athletes.

"MBS, a locally owned company, made this gift for all the right reasons," Athletic Director Joe Castiglione says. "That's the kind of dedication our athletic program needs to help us meet the challenges of the future."

Making fast tracks

Although Natasha Kaiser-Brown's collegiate track career ended in 1989, the former MU star has continued to excel in the sport.

Most recently, Kaiser-Brown, an assistant coach under head track Coach Rick McGuire, has challenged and defeated world champion Jearyl Miles in the 400-meter dash.

In July, Kaiser-Brown placed second behind Miles at the Gateshead International meet in Gateshead, England.

On June 18, Kaiser-Brown came from third place in the final stretch to pace Miles and Micel Malone to win the 400-meter race at the USA Mobil Outdoor Track and Field Championship in Knoxville, Tenn.

Kaiser-Brown was extended an invitation to compete in the Goodwill Games July 23-August 7 in St. Petersburg, Russia, for her performance in Knoxville.

A six-time All-American and five-time Big Eight champion, Kaiser-Brown will enter her second season working with Tiger sprinters this fall.

Coach wins tourney

Richard Poe, men's golf coach, shot even-par 72 to win the Gateway Senior Pro Open June 27 in St. Louis.

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Catch that spirit!

The baton flies high in the air and is caught effortlessly by Jill Van Stone, BS '91, as one of her students watches in awe. When asked what the little girl wants to do when she grows up, she smiles and says, "Twirl for the Tigers like Jill did."

Van Stone, a native Columbian, was a feature twirler at MU's football and basketball games, pep rallies and with Mini Mizzou from 1988 to 1990. Since then, she's returned each Homecoming to perform at the pre-game shows.

"All my friends come back for the game," says Van Stone, who resides in Kansas City. "We spent a lot of fun times together as students practicing the songs and marches, and going out afterward."

On the field, Van Stone often twirls as many as three batons at a time. And at one pep rally she twirled two fire batons.

"As long as you don't do anything close to your body and you keep it moving, it's not going to catch anything on fire," she says. "But I wouldn't recommend it for a beginning twirler."

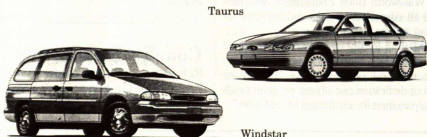
Van Stone has continued twirling by starting a team of twirlers and teaching at camps in the South for the past two summers. Last spring, she directed a contest in Columbia that attracted more than 80 twirlers from the Midwest. This year she judged for the National Twirling Contest in South Bend, Ind., at which more than 5,000 competitors vied for various titles.

In the meantime, Van Stone looks forward to returning to campus Oct. 8 for Homecoming '94.

With the spirit of a true Tiger, she says, "Come back to ol' Mizzou! It's always good to be back."



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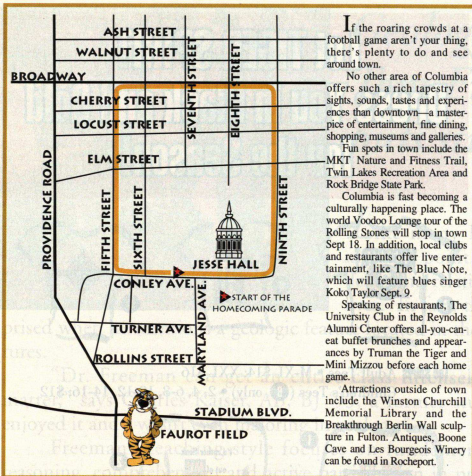
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Fun spots in town include the MKT Nature and Fitness Trail, Twin Lakes Recreation Area and Rock Bridge State Park.

Columbia is fast becoming a culturally happening place. The world Vodoo Lounge tour of the Rolling Stones will stop in town Sept 18. In addition, local clubs and restaurants offer live entertainment, like The Blue Note, which will feature blues singer Koko Taylor Sept. 9.

Speaking of restaurants, The University Club in the Reynolds Alumni Center offers all-you-can-eat buffet brunches and appearances by Truman the Tiger and Mini Mizzou before each home game.

Attractions outside of town include the Winston Churchill Memorial Library and the Breakthrough Berlin Wall sculpture in Fulton. Antiques, Boone Cave and Les Bourgeois Winery can be found in Rocheper.



PIGSKIN PRESCHOOL

Let the children play while you enjoy the game

Each home football game, more than 50 families take advantage of child-care services offered through MU's Pigskin Preschool. The program — sponsored by the human development and family studies department and housed in the Child Development Laboratory in Stanley Hall — is available to children ages 6 weeks to 10 years, says Julia Paulsen Moore, BS '89, one of the coordinators.

"We open at noon on football Saturdays," Moore says. "If the time of the game changes, the center will open one hour before kickoff." No child care will be provided for night games such as the Sept. 3 game vs. Tulsa.

The Child Development Laboratory is a licensed and accredited child-care center. In 1993, it was chosen one of the top 10 child-care centers in the nation by *Child* magazine.

Spaces are available for the '94 football season. For an application form, write to Pigskin Preschool, 31 Stanley Hall, Columbia, Mo. 65211, or call Moore at (314) 884-6131.



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The number of yearly single family housing permits issued increased more than five times over the past 10 years, from 124 to 630.

In 1992, there were 71,900 people in the city, up 9,839 from the 1980 census. Projected population for the turn of the century is 75,788.

According to the Regional Economic Development Inc. office, people flock to Columbia because of an inflation-proof industry anchored by colleges, hospitals and insurance companies. Last year 1,000 new jobs were created.

The number of licensed businesses increased from 2,571 in 1983 to 3,691 in 1993. More businesses locate in mid-Missouri because of the strong work ethic, the liveability of the community and a cost of living 8 percent to 10 percent below the national average, says Bill Watkins BS PA '74, MS '76, executive vice president of REDI.

Between 1980 and 1990, the median household income also increased, from \$14,025 to \$22,059 a year.

Enrollment in the public school system grows by about 500 students a year. A second middle school is under construction and a third will open in 1995. Since 1989, two elementary schools have opened, bringing the total to 18.

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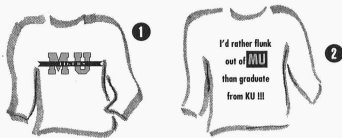
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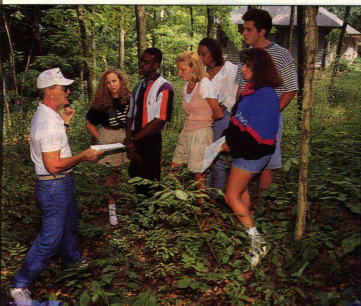
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Geology Professor Tom Freeman puts students first.

*L*ike many MU faculty, Tom Freeman makes a point of getting to know his students and relating the subject matter to their lives. In fact, they are often pleased and sur-

prised when he mentions a geologic feature located in their hometowns during his lectures.

“Dr. Freeman can get an entire class intensely interested in the subject matter,” says Charles Kaiser, AB, BJ ‘93, a former student of Freeman’s. “I really enjoyed it and I wasn’t even majoring in geology.”

Freeman’s teaching style focuses on fundamental principles that require reasoning, comprehension and active participation in problem solving rather than an encyclopedic approach to science.

“I believe that if students learn principles instead of a body of facts, they will have more options in life,” says Freeman, a 1994 winner of the Kemper Fellowship for Teaching Excellence.

Freeman also encourages their questions and interpretations whether he’s teaching geology majors at MU’s field camp in Wyoming or leading non-majors to geologic sites around Columbia.

“Dr. Freeman personalizes the material,” says Jennifer Frericks, an English major. “He also truly cares about his students, and in my view, this is the first requirement of excellent teaching.”

MU is proud to have professors like Tom Freeman. To learn more about one of the nation’s few great research universities that puts students first, call 1-800-225-6075.



University of Missouri-Columbia



Budget looks positive

Members of the Missouri General Assembly followed the recommendations of Gov. Mel Carnahan, JD '59, in approving a \$311 million budget package for the University, which is a \$12.4 million increase over last year's \$298.6 million appropriation. Out of the state's allocation for the University System, Mizzou will receive \$149.8 million, which includes \$4.35 million for maintenance and repair. That total is 4.83 percent above the state's contribution last year of \$142.9 million for an increase that approximates the Higher

Education Price Index.

Along with student fees, the funding will help fund salary increases, libraries, and much-needed building maintenance and repair.

Bond issue to fund construction, renovation

The School of Natural Resources will have a new home, thanks to a \$250 million statewide bond issue that Missouri voters approved Aug. 2. The bond package will finance construction and renovation for

higher education as well as improvements in Missouri's prison system.

The package includes \$10.6 million for the new Anheuser-Busch Natural Resources Building, which is the largest project on campus to be funded through the bonds. Other projects are the \$3.9 million to renovate Schlundt Hall, which now houses badly outdated first-year chemistry labs, and \$3.1 million to build a storage facility in Columbia for libraries in the UM System.

The new natural resources building will bring together in one location the school's laboratories, classrooms and offices that now are spread out in six locations. Total cost of that project is \$18.2 million, with \$10.6 million provided by the bonds, \$3.5 million pledged by the U.S. Forest Service, \$1.5 million donated by Anheuser-Busch and \$2.6 million raised through private contributions. The bonds allows much-needed improvements to be paid for over a 20- or 25-year period without a large immediate cost that would trigger a tax increase.

Strickland on teaching



I became a teacher more than 35 years ago. I can't remember wanting to be anything else since I went to college. When you help to shape the lives of young people, you have helped shape the future."

—Dr. Arvarh E. Strickland, professor of history and recipient of the Educator of the Year Award to be given Sept. 9 by *The St. Louis American*.

Salary goals on target

Faculty salaries have been a priority for the University administration, and that priority is paying off. In recent years, professors' pay at MU has lagged behind salaries paid at comparable institutions. In the coming year, regular faculty will receive average pay increases of 6 percent. Similar increases are predicted in future years. "We think the rest of the country will be in the 3 percent range," says budget and planning director Pat Morton. Other teaching staff can look forward to average raises of 4 percent. While individual raises will vary for staff, the salary pool for those employees will increase by 3.5 percent.

If that rate continues, by fiscal year 1998 MU faculty salaries will be on a par with the median of public universities that are members of the Association of American Universities. For the fiscal year that ended June 30, the median faculty salary for public AAU institutions was \$52,800. At Mizzou, the average pay for professors was \$48,500.

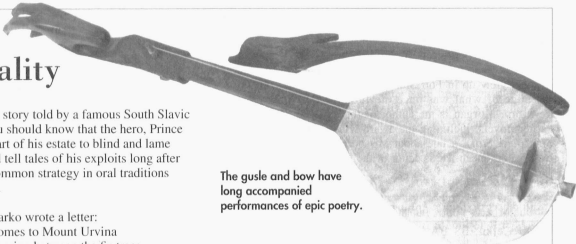
AGRICULTURE, FOOD & NATURAL RESOURCES

Columbians are seeing some black-and-white striped city vehicles that smell like they are cooking french fries. It's part of a

Afterlife in orality

Here's part of a story told by a famous South Slavic oral bard. You should know that the hero, Prince Marko, left part of his estate to blind and lame singers so they would tell tales of his exploits long after his death. This is a common strategy in oral traditions throughout the world.

Kraljevic Marko wrote a letter:
"Whoever comes to Mount Urvina
To the cold spring between the fir-trees,
And there finds the hero Marko,
Let him know that Marko is dead!
Alongside Marko are three belts of riches,
Such riches, all golden ducats!
And I bless one belt for him
If he will bury my body:
Let the second belt adorn the churches;
The third belt to the lame and the blind:
Let the blind walk about the world,
Let them sing about and celebrate Marko!"



The gusle and bow have long accompanied performances of epic poetry.

An excerpt from *The Death of Kraljevitich Marko*, sung by Filip Vishnjitch, translated by Dr. John Foley, Byler professor of English and classical studies. Foley was recently awarded a research fellowship from the Center for Advanced Study in the Behavioral Sciences at Stanford University for the 1997-98 academic year.
— Dale Smith

joint project between MU and the City of Columbia to help the city's buses meet increasingly tough emissions standards — and to expand the market for soybeans. Columbia has joined more than 40 mass transit companies from coast to coast that have signed on to test SoyDiesel, a type of bio-diesel fuel made from modified soybean oil. SoyDiesel is in the tanks of a small Columbia bus and a recycling truck.

Of all the cities in the SoyDiesel test, Columbia is the only one with identical vehicles to compare engine operation on conventional diesel vs. the soy-diesel blend. Leon Schumacher, MU agricultural engineer, is coordinating the project. He says that the engines require no modification to use the fuel. The cost of operating a diesel bus is about 23 cents a mile, while a bio-diesel blend averages 29 cents.

ARTS & SCIENCE

The critics are anything but critical of Dr. Speer Morgan's latest novel *The Whipping Boy*. Set in the bleak Oklahoma landscape of the 1890s, it spins a yarn about three unlikely traveling companions — a hardware drummer, a beautiful woman with a mysterious past, and the book's namesake, a half-Indian orphan raised by a sadistic minister. The trio get caught up in one of the last great land-grabs of the Wild West.

Morgan, professor of English, admits to

Black enrollment increases

A total of 310 African-American freshmen are expected to enroll this fall, or 8.5 percent of the class. That figure is more than triple the 97 black students who started at MU last year.

The soaring black enrollment attests to Chancellor Charles Kiesler's commitment to increase diversity at MU. Competition is fierce to recruit the most able black students. The Ambassadors, a volunteer group of MU minority students, made personal contacts with those who showed an interest in Mizzou. Then they followed up with telephone calls to answer any questions. Kiesler talked to school officials in St. Louis and Kansas City to outline the opportunities for minorities at MU. As part of a total increase in support for all freshmen, more than 300 new scholarships, called African-American Achievement Awards, will provide full tuition and fees to black freshmen.

Mizzou also is committed to making the campus a place where African-American students can thrive. The next step, Kiesler says, is to ensure the campus climate helps the new students succeed academically and socially. To that end, minority retention programs receive equal emphasis with recruitment, with more advising and mentoring programs. Discussions are under way about constructing a new Black Culture Center.



being a frustrated historian. His meticulous research lets him draw a riveting picture of frontier life, from floods and train wrecks to barrooms and bordellos. And there's a personal side to the story, Morgan grew up in Fort Smith, Ark., on the edge of what was once the Indian Territory. Morgan is the author of three earlier novels, including the award-winning *Belle Starr*, a tale about Missouri's own bandit queen. He is editor of the *The Missouri Review*.

BUSINESS & PUBLIC ADMINISTRATION

Susan Cejka, BS BA '72, founder and president of Cejka & Co. in St. Louis, and Roger M. Vasey, BS BA '58, executive vice president and senior adviser at Merrill Lynch in New York, recently joined the Strategic Development Board of the college. The alumni board consists of 24 executives from throughout the United States and abroad who support the college by providing advice about business trends, working with University and off-campus constituents and assisting with financial-development efforts.

The college will have a new alumni director this fall. Published by Publishing

Concepts of Dallas, the directory will list more than 21,000 B&PA alumni throughout the world. All alumni were contacted by mail during the past several months in an effort to offer complete, accurate information. For more information about the directory, contact Publishing Concepts at 1-800-395-4724.

All B&PA alumni are invited to a tailgate party prior to the MU vs. West Virginia game Oct. 1. The party will cap off activities slated for the second consecutive meeting of the B&PA National Alumni Board Sept. 30. The event is scheduled to begin at 11 a.m. in the Hearnes Center parking lot. Pre-registration is required. For information, call (314) 882-6768.

The 1993-94 academic year saw a significant increase of 16 percent in B&PA's on-campus recruiting. The number of internships was up as well. National statistics predicted a 1 percent to 4 percent increase for these activities, so B&PA far surpassed national projections. Among those students registered with B&PA's Career Services, as of June 15 more than 42 percent were either employed or planning to attend a professional or graduate school.

detect tanks in the jungle, Dr. James Keller is turning his fuzzy logic work toward more peaceful pursuits. Keller, a professor of electrical and computer engineering, and others are adapting the technology to better spot breast cancer in biopsies and screening mammograms.

Whether the objects be tanks or tumors, the fuzzy software trick remains the same — separating target from background. In the military example, a computerized camera helps distinguish tanks from trees. In the doctor's office, a mammogram could show potentially cancerous masses as only slightly darker than their surrounding tissue. Moving beyond the yes-no questions and answers posed by traditional programs, fuzzy logic tallies certainties that portions of what it sees could be cancer. The technology could also be used to compare a patient's chromosomes with a standard template to look for abnormalities.

"Trying to detect this bad stuff is a very difficult problem," Keller told the *St. Louis Post-Dispatch* recently. "And it's a target you don't want to miss."

FINE ARTS

Forget about a cramped, cold studio loft for Mizzou's fledgling Michelangelos. A community of young artists will take root at MU this fall when McDavid Hall becomes the first fine arts residence hall. In addition to all the other amenities of campus life, McDavid Hall residents will have special rooms set aside on each floor for music and drama practice. And there will be plenty of studio space for drawing, painting, graphic arts, environmental design, creative writing and poetry. Resident assistants will be recruited from upperclass arts students who can offer advice and counseling. Future plans call for converting the adjacent Loeb Dining Hall into a rehearsal hall for theatrical and band productions.

Voices from around the world were raised in song when music educators from more than 20 countries traveled to MU in July for the International Society for Music Education conference. Because music is a natural bridge between cultures, conference participants taught each other songs to take back to their own countries to expose children to multicultural music at an early age.

Members discussed the most recent research on ways to deliver music training to young children — often through parents and child-care providers. The idea is to capture the natural affinity for music that many children have, says conference organizer Dr. Wendy Sims, associate professor of music and education. "The develop-

EDUCATION

Kids do better in school when they get a good start early with high-quality preschool programs. But an estimated 80 percent or more of rural Missouri children don't have access to licensed, accredited early-learning environments. That's why MU educators have established the Rural Early Childhood Educational Institute, or Project REACH, says Dr. Linda Espinosa, associate professor of education. Many rural preschoolers are cared for in informal settings, she says. "They may be of very high quality and very nurturing for children, but we just don't know that."

Espinosa and Kathy Thornburg, MS '68, PhD '73, professor of human development and family studies, have targeted 12 counties around the state that represent rural Missouri. Researchers will blanket those communities, interviewing parents, child-care providers, employers and teachers to develop a profile of child care in out-state Missouri. That information will help Project REACH build programs to provide training and support for rural caregivers in partnership with parents, local schools and community social service agencies.

ENGINEERING

After a dozen years advancing computer vision techniques that help U.S. soldiers

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Life &
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& the
Potted Steer*
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Tidying up a misconception

Some things never seem to change. Take the daily chores of housekeeping for example. Conventional wisdom holds that in this age of two-job households, men are shouldering more of the burden than their fathers did. Right?

Wrong. "We really have exaggerated how much change has occurred in gender roles," says Dr. David Demo, associate professor of human development and family studies. Demo looked at changes in the division of domestic labor between men and women in a household. His study found that women who work outside the home, also put in a "second shift" on the home front. They spend an average of 40 hours to 44 hours a week on housework. Men — the sluggards — clock in with a weekly average of 13 hours of household drudgery.

And those figures hold true across the spectrum of family types, Demo found, from first marriages, to unmarried couples, to step families. In fact, women tend to underestimate the amount of housework they do, Demo says. "There is a lot of invisible labor that they don't

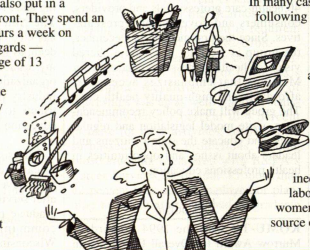
record, the planning, coordination and mental work women do to keep a household running."

So why do males get off so easy? "The point is not that men are lazy. Men are still burdened with that breadwinning mentality, although that sometimes can be a convenient excuse," Demo says. "We talk a lot about changes in gender roles. We do expect men to be more involved in family life, parenting and housework, but we still put an inordinate amount of pressure on men to provide for their families."

In many cases, men and women today are simply following the patterns they saw when they were growing up. "That's the way it was in their family of origin. A lot of these things are not negotiated and not talked about," Demo says. "Boys are still being taught that housework is unimportant.

Daughters are much more likely to be taught that they help out around the house.

"One of the more sobering aspects of the study is that there is still inequality by gender in terms of family labor, and that is oppressive for a lot of women to have to deal with. It can be a major source of marital discord." — *John Beahler*



Discover the new benefits

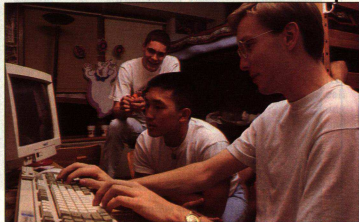
Residence hall living in the '90s gives you more than just a desk and a bed. It gives you options and opportunities that support your growth and success while attending MU.

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To learn more about our residence halls, please call 1-800-225-6705 (Missouri only) or (314) 882-7275 (nationwide), or write to us at 125 Jesse Hall, Columbia, Mo. 65211. Better yet, if you're in town this fall, we'd love to show you all the new opportunities!



Student Affairs: Partners with Students in Success

of living in the Residence Halls!

LAW

The school ranks third out of 165 law schools nationwide for "Best Facilities" in a survey conducted by *National Jurist* magazine. Overall, the school placed 23rd in the survey, published in the May-June issue of the journal. MU's rankings in the survey were the highest for any school in Missouri and in the Big Eight and Big Ten conferences. Dean Timothy Heinsz cited the survey as a good indicator of the school's efforts to be attentive to the student's needs. More than 18,000 students at 165 American Bar Association-accredited law schools were polled for the survey. In addition to rating facilities, the survey asked questions about quality of faculty and quality of student life.

The school has received a grant from the U.S. Department of Education's Law School Clinical Experience Program for a third year of funding for the Family Violence Clinic. The clinic provides actual case management experience for third-year law students who represent indigent adult and child victims of domestic abuse in circuit court.

LIBRARY AND INFORMATIONAL SCIENCE

Beam it up. Then deliver it to satellite dishes around Missouri and the nation. A grant from the U.S. Department of Education will allow the school to use the latest satellite technology to help librarians improve services for young people in school and public libraries. Beginning in November, a series of five programs will explore how youngsters learn to gather information, the impact of multimedia on library services, and the globalization of learning, among other topics.

"Downlink for Excellence" will be available to 467 Missouri school districts and 86 county extension offices. For more information about the program, write to Diane Tobin Johnson, 104 Stewart Hall, Columbia, Mo. 65211, or call (314) 882-9543.

MEDICINE

While battling cancer, most patients also struggle with weight loss, a condition that may weaken them further. MU's medical center is the first in the nation to test an experimental drug designed to limit that weight loss. Dr. Michael Perry, director of hematology and oncology, will direct the first phase of a trial to determine if the drug will be tested at other medical centers. "Weight loss and wasting away are common in many cancers, but are not well-understood and happen despite treat-

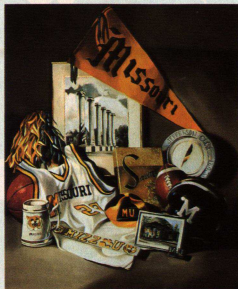
ment," Perry says. Researchers believe the weight loss is caused by a chemical called tumor necrosis factor (TNF), that is produced throughout the body and acts on appetite centers and other tissues. If successful, the new drug will block TNF's effects.

Perry is a nationally known cancer expert, whose book on chemotherapy is considered by cancer specialists to be the definitive source on the subject. He was named in March to the school's first endowed chair, the Nellie B. Smith Chair in Oncology.

NATURAL RESOURCES

Hopeless, bored and lonely is how some experts describe many nursing home residents. Project LIFE, in the parks, recreation and tourism department, is MU's advocacy program for people in institutions and provides recreation training for nursing home workers. Project LIFE also is bringing a new concept in nursing home care to Missouri. The Eden Alternative, a concept pioneered in New York by Dr. William Thomas is spreading around the nation. The program can have a profound

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effect on the quality of life for nursing home residents. They maintain pets in brightly colored halls. Backyard gardens add to the mealtime bounty. Relatives and children from area child-care centers are encouraged to visit regularly. The results of Thomas' experiment have been startling. Drug costs were cut in half, use of psychotropic drugs decreased, the mortality rate decreased 15 percent and infection rates dropped.

In Missouri, Project LIFE has joined with the state Division of Aging and Lt. Gov. Roger Wilson, M Ed '86, to provide support for a network of 56 nursing homes

that is implementing the Eden Alternative. In addition, Project LIFE is producing Thomas' latest book, *The Eden Alternative: Nature, Hope and Nursing Homes*. The book is available for \$20 plus tax from Recreation Extension Publications, 624 Clark Hall, Columbia, Mo. 65211.

SOCIAL WORK

Seventy-five years and counting. The school is celebrating its diamond anniversary Sept. 16 and 17. During its three-quarters of a century of existence, the

school has played a major role in filling the social service needs of Missouri. Top leadership of public and private social agencies around the state and the nation have been drawn from graduates of the school. Former students will return for the two days of festivities that will include practical workshops on a variety of useful topics, a trivia quiz and photo identification of former faculty members. The diamond jubilee speaker will be Joline Godfrey, social worker and author of *Our Wildest Dreams: Women Entrepreneurs Making Money, Having Fun, Doing Good*. Godfrey is considered a guru to the nation's 5.5 million women business owners.

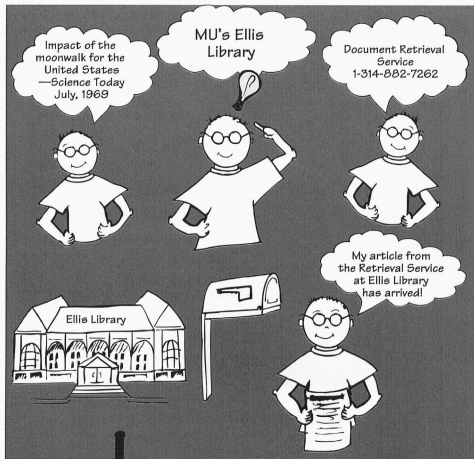
VETERINARY MEDICINE

It's odd enough that horse testicles and human breast cancer have something in common. It's odder still that the common strand is the hormone estrogen — the "feminine" hormone, which happens to cause breast cancer cells to grow rapidly. Stallions, which don't seem the least bit ambivalent sexually, manage to produce both testosterone and estrogen.

So what, you ask? Here's a scenario that makes sense of these science tidbits: When mom and pop want a gentle horse for the kids, they get a gelding, which supposedly lacks testicles and the testosterone that makes stallions aggressive. But all too often the mount turns cranky and launches the kids a couple of times before the folks start asking questions. Did this horse learn bad behavior from his buddies, or is something else going on?

It could be that testosterone is present from a testicle that never descended into the scrotum, says Dr. Venkatesh Ganjam, professor of veterinary medicine. This common condition is called equine cryptorchidism. But the behavioral problems could also be between the eyes — learned behavior.

How can you be sure without expensive and risky abdominal surgery? Ganjam had a brainstorm linking human breast cancer and horse parts. Ganjam knew that his colleague, Dr. Wade Welshons, associate professor of veterinary medicine, had previously used human breast cancer cells to detect estrogens in animal feeds. Because this worked so well, Ganjam proposed putting blood serum of suspected cryptorchids together with breast cancer cells, an idea that was carried out with the help of veterinary medical student Nathan Webster and veterinary assistant professor David Wilson. If the breast cancer cells grow, they know estrogen is working and a testicle is lurking.



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▲ **Autumn From Top to Bottom.**

#10: 80% cotton sweatshirt by Time Out L-XXL. \$32.95 #11: 100% cotton Alumni T-by Midwest Graphics. M-XXL. \$14.95 #12: 80% cotton sweatshirt by Cotton Exchange. L-XXL. \$26.95



▲▼ **Mug it Up.**

#4: President's mug \$8.95
#5: Silver-plated collector spoon \$10.95. (both by Delancy Street)

Campus Casual. (below)

#8: Long-sleeve mock turtle-neck T by Campus Park Sportswear. 100% cotton. M-XL. \$25.95
#9: 100% cotton shorts by Cotton Exchange. M-XL (also available in navy). \$12.95



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Alumni volunteers assemble on the south lawn of the Reynolds Alumni Center during the Association's spring national board meeting. They are first row, from left: Susie Robison, Carolyn Wiley, J. Todd Coleman, Ray Phillips and Betty Spear. Second row: Barney Whitlock, G.P. "Rusty" Jandl, Joel Denney, Mitch Murch and Brock Hensing. Third row: Reng Winters, Dale Ludwig, Ron Glover, Kay Sewell, Darold Shelton, Carl D. Walker and Walter Pfeffer II. Fourth row: Jolinda Brattin, Robert M. Barrett, Ron Cott, Jean B. Snider, Neil Sprague, Mark Miller, Walt Vandelicht, Frederick J. Raihnel and Greg Luzecky. Fifth row: Barbara Zoccola, Dick Dickinson, Karen Bettlach, Bruce Lowenberg, Hal Jordan, John Rieser and Diane Kilpatrick. Sixth row: John Ehrlich, David Litteken, Bryan Forbis, Bill Phelps, Mary Ann Beahon, Richard Moore, George Gale, Russ Steele, Frank Sallee, Tom Atkins and John Mollenkamp.



Alumni Association

ANNUAL REPORT

1993-1994

Dear Alumni,

You are our greatest sales force and a tremendous resource upon which MU and the MU Alumni Association can draw.

Because volunteers are vital to the Association, the Alumni Relations staff is ready to assist you in achieving Association and University goals.

The past year has been busy for the Association, thanks to the many volunteers who gave their support and time. Across the country, they helped coordinate chapter events, membership drives, alumni seminars, pregame rallies, student recruitment activities and Jefferson Club events. The Association formed a committee to help with the chancellor's efforts to increase diversity on campus. The Association promoted the Legion of Black Collegians reunion and the gospel choir concert.

Alumni often ask, "What can we do to assist MU?" Here are four ways.

- Identify outstanding students. MU is committed to attracting the finest student leaders this state, nation and world have to offer. Your assistance is needed to spread the good news about the University to prospective students.
- Bring new members into the Association. Dues support various programs to keep members informed about MU.
- Assist the University in its private fund-raising efforts. Each year, MU relies more on private dollars to provide the funding necessary to sustain its quality education and programs. Your financial support is greatly appreciated.
- Show pride in the institution at every opportunity. Whenever you have the chance to say good things about MU, please do so. We need your help in informing everyone about our outstanding University.

If you have not had the opportunity to visit the Donald W. Reynolds Alumni and Visitor Center, I invite you to see for yourself the exciting changes and tremendous initiatives that are taking place on campus.

If you want to learn more about the Association, how to become a member or how to become more involved, call our office at (314) 882-6611.

We look forward to rekindling old friendships and memories when many of you return Oct. 8 for Homecoming '94.

Best wishes,

J. Todd Coleman

Executive Director of the MU Alumni Association



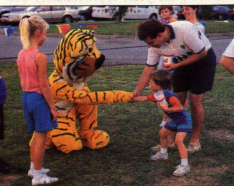
Chancellor Charles Kiesler thanks BAO President Mark Miller, BS RPA '78, MA '82, for his efforts in organizing a Homecoming Convocation honoring African Americans who were denied admission to MU.



John K. Hulston, JD '41, of Springfield, Mo., receives the Distinguished Alumni Award from President Jerry Johnson, BS Ag '52, DVM '56, and Chancellor Charles Kiesler.



Gov. Mel Carnahan, JD '59, second from left, meets Homecoming directors Stephen Effinger, Kappy Kilburn, AB '94, and Barb Craig, BHS '94.



Chapter events, such as the annual picnic in Kansas City, are perfect times to renew old friendships or establish new ones.

Activities emphasize diversity

The MU Alumni Association forged new ties with the past and solidified connections to MU's commitment to diversity.

A \$12,000 allocation to the Black Alumni Organization showed the Association's commitment to diversity and helped create a kaleidoscope of Homecoming events to celebrate the 25th anniversary of the Legion of Black Collegians.

The 1993 events took on solemn significance by looking back on the civil rights movement. Of 85 African Americans denied admission to MU in the 1930s and '40s, 16 attended a special convocation weekend.

Music is always a popular theme at Homecoming. Last year, the LBC Gospel Choir and a reunion group of alumni performed in Jesse Hall. "Many of the regular events of the Black Alumni Organization were enhanced by the 25th anniversary of the Legion of Black Collegians," says Mark Miller, BS RPA '78, MS '82, BAO president and treasurer of the Association.

"Overall I think there is a real spirit of change in all aspects of the University," Miller says. "The work of the Association is really helping to create a new atmosphere between MU and the diverse communities among our alumni and students."

Behind the scenes, board member Joel Denney, BS Ed '74, EdD '83, served as chairman of an ad hoc committee on multicultural issues appointed by the late President Jerry Johnson, BS Ag '52, DVM '56. The committee recommended the Association augment Chancellor Charles Kiesler's minority recruitment initiatives and maintain current funding for the BAO.

Leaders provide expertise

The executive board of the Association is an active group of leaders who give their time

and support to MU and the Association.

"The board consists of many outstanding individuals who bring a tremendous amount of expertise to the Association," says President Carolyn Wiley, BS Ed '64, who assumed leadership in March after the death of President Jerry Johnson.

Members enjoy benefits

Membership in the Association means more now than ever before. Last year, more than 24,000 members received membership cards, decals and member benefit kits.

A redesigned renewal notice enabled almost 25 percent of Association members to provide information about themselves or their families when renewing their memberships.

Membership remains the best way to stay informed about chapter and Association events. If you're unsure about membership status, check the mailing label of this magazine.

More than 15 campus and Columbia businesses provide discounts and other privileges to card-carrying members.

AASB celebrates 20th year

The Alumni Association Student Board sponsored a number of events through the year, beginning with *The Next Generation*, a yearbook about incoming freshman and transfer students. They serve as "alumni in residence," acting as a link between current and former students.

Charging for Mizzou

Alumni who used the MU Alumni Association credit card generated more than \$45,000 in revenue to benefit alumni, faculty and students.

Beginning July 1, the Association credit card contract is handled through MBNA America Bank of Dallas. "We are pleased about the agreement we have reached with MBNA, which is the national leader in the credit card business," says J. Todd Coleman, executive director.

Committees lead the way

When the national board met in the spring and fall, volunteers comprising eight standing committees spent countless hours establishing procedures and policy for the Association. More than 50 volunteers served last year on committees dealing with all aspects of the Association.

Keeping up to date

The *Missouri Alumnus*, published by the Association, keeps its 193,000 readers up to date on Association and campus events. The *Alumnus* provides news of former classmates, and featured the Alumni Network in the spring issue.

When you become a member of the MU Alumni Association you strengthen your link to a proud tradition. In addition you receive the following benefits:

- A membership card, window decal and member kit
- An alumni-event calendar, featuring color photographs of campus and dates of upcoming events
- Automatic membership in your divisional and geographic alumni organizations
- Invitations to and information concerning the campus, Homecoming, reunions, athletic events and alumni activities in your area

You also are eligible for:

- Membership in the University Club
- Tourin' Tigers adventures
- The Association's credit card program
- Alumni seminars
- Discounts at University Bookstore
- Discounts at participating University and Columbia establishments (P. 63)
- Library and recreational privileges
- Insurance program
- Car rental discounts

Tourin' Tigers

Nearly 250 alumni and friends traveled the world on 15 Tourin' Tiger trips. Top trips last season were to London, Switzerland and the Riviera, and Germany. Trips with fewer days and less cost also have been well-received.

Classes hold reunion

The 50-year reunion May 1 to 3 attracted 33 alumni from the class of 1944 and 27 gold medal class members from previous years. Photos of both groups appear on Page 52. A formal banquet and reception were some of the highlights of the weekend.

Guests visit alumni center

The Donald W. Reynolds Alumni and Visitor Center is 2 years old. There is a daily stream of visitors to the building: parents and prospective students; faculty and staff. Hundreds of functions last year involved thousands of alumni and friends.

Constituency groups show pride

Alumni stay connected with MU through many constituency organizations. Seventeen groups provided a variety of ways for alumni to rekindle ties to the University.

Marching Mizzou Alumni demonstrated its pride through performances at football and basketball games, and the Kansas City chapter picnic.

Local chapters recruit members

The Association's new chapter support program began paving the way for geographic chapters to receive financial assistance and incentives based on membership.

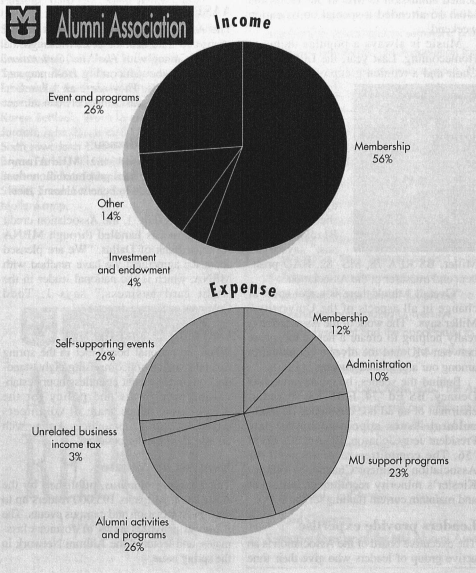
A San Antonio, Texas, chapter and rechartered Valley of the Sun chapter in Phoenix, Ariz., highlighted the southwest region. In Missouri's District 8, the Bates County chapter began, and in Districts 12 and 13, there were reorganizations of the Jasper-Newton-McDonald chapter and the Greater Ozark chapter in Greene and Christian counties.

During the year, approximately 200 events involved more than 23,000 alumni and friends.

Chapters support scholars

Three Korean scholars, along with 103 other students received 1993-94 Alumni Scholarships. A record \$74,900 in aid was made possible through chapters and organizations.

Missouri chapters awarded scholarships to 71 freshmen, while other Association groups chose 32 freshmen and upperclassmen. The Association matches, dollar-for-dollar up to \$500 per chapter or organization, money presented in scholarships each year.



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◆Carrie Linton, HES '76
Assistant director
◆Mary Tade, AB '91
Homecoming coordinator
◆Hiedi Macy
Membership coordinator

MU ALUMNI ASSOCIATION

Gold Medal class members are, first row, from left: Ruth Weaver Arbucke '36, Port Republic, Md.; Charles Sanders '43, Warrensburg, Mo.; E. Wade Horn '43, Leawood Kan.; Jane Espy Meyer '41, Jefferson City, Mo.; Lulu Ann Chappell Dawson '43, Mexico, Mo.; Frances Ridge Gay '42, Lee's Summit, Mo. Second row: Ray C. McClure '42, Columbia; Jean Ream McClure '42, Columbia; William Hungate '43, St. Louis, Mo.; Emerson G. Smith '43, Centerville, Mo.; Fred J. Brune '37, Buckner, Mo. Third row: Ryland A. Miller '43, Sweet Springs, Mo.; Vernon Renner '43, Springfield, Mo.; Carl E. Ferguson '38, Springfield, Mo.; Joseph Edmondson '39, Columbia. Fourth row: W. Frank Dillard '41, St. Joseph, Mo.; James L. Evans '34, Columbia; Merrill Leutung '44, Columbia; Thomas H. Ehrhardt '38, Columbia; Robert Roth '43, Rock Island, Ill.



The class of 1944 held its 50-year reunion May 1-3. Among those attending were, first row, from left: Martha Ann Barclay Horn, Leawood, Kan.; Lucille Ann Bennett Haub, Brentwood, Mo.; Mary Jane Lang Grundler, Columbia; Harriet Lishen Baldwin, Garfield, Ark.; Jean E. Moser Roth, Rock Island, Ill; and Viola Kampschmidt Mueller, Fayette, Mo. Second row: James Eugene Cline, St. Joseph, Mo.; Richard E. Arthaud, Melbourne, Fla.; Dorothy Wilson Hungate, St. Louis; Evelyn M. Scheperle Conard, Independence, Mo.; Nelda McMurtrey Christ, Bloomington, Ind.; Lester O. Eime, St. Louis; and W. Robert Semple, Mexico, Mo. Third row: Elizabeth Spurgeon Satterfield, Jefferson City; Leon A. Gollin, Brentwood, Mo.; Louise Franklin Biggs, Marion, Ky.;

Jane Pasley Cline, St. Joseph, Mo.; Shirley A. Clark Hostetler and Willard E. "Pete" Hostetler, both of Indianapolis. Fourth row: Marie M. Geiger Crenshaw, Columbia; Marjorie Richards McCallon, Independence, Ia.; Ever June Culling, Omaha, Neb.; and Barbara Jean Old Fridriksson, Kamloops, British Columbia. Fifth row: Dale E. Steffey, El Cajon, Calif.; Elizabeth Ann Harpold Tabler, Lake Ozark, Mo.; Cliff Minx, Kansas City; and Frank L. Pulley, Des Moines, Iowa. Sixth row: Marjorie B. Paxson, Muskogee, Okla.; Betty Anne Peterson Neill, Greeley, Colo.; W. Marion Rice, Carbondale, Ill.; Charles H. Zurheide, St. Louis; Earl R. McCallon, Independence, Ia.; William F. Ekern, Sunnysvale, Calif.; and Eddie Biggs, Marion, Ky.

Executive Director J. Todd Coleman has declared 1994-95 as the Year of Members. All executive committee members, committee leaders and members of the national board will be actively recruiting members in their hometowns. "Every member's responsibility is to extend an invitation to join the MU Alumni Association to a non-member," Coleman says. For more about the work of the MU Alumni Association, see pages 48 to 51.

New graduates can join the Association and get an extra year's membership as a gift from the Association. Call (314) 882-6611.

Immediate families with the greatest number of MU Alumni Association members will win free Homecoming T-shirts. The contest is being sponsored by the Homecoming steering committee. The celebration is scheduled Sept. 25 through Oct. 8. For a map of the parade route, see Page 33. For more information, see the cover wrap on this issue, or call Marty Tade at (314) 882-6611.

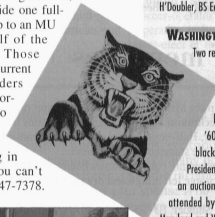
The executive committee approved the establishment of a Past Presidents Advisory Council at its July 7 and 8 retreat. One duty of the council will be to select the chapter to be awarded the Jerry Johnson Honor Chapter Award at Leaders' Day Nov. 18. Johnson, who died March

19, was president of the MU Alumni Association in 1993-94. "Jerry's service as a national alumni leader epitomized the strength and depth of the volunteer spirit," says President Carolyn Wiley, BS Ed '64.

In other chapter news, the Missouri supporters in Colorado will be recognized for achieving honor chapter status in 1992-93 at Leaders' Day. The chapter was inadvertently omitted from the list of honor chapters published previously.

How can you support the Association without spending an extra penny? Use the new MU Alumni Association MasterCard. With each purchase, part of MBNA America Bank's income goes to the Association.

The card offers no annual fee, competitive interest rates and generous credit limits. As part of the agreement, MBNA will provide one full-tuition scholarship to an MU student on behalf of the Association. Those alumni who are current affinity cardholders will have the opportunity to switch to the new card. MU alumni will receive a mailing in late August. If you can't wait, call 1-800-847-7378.



MU Alumni Association national officers began their terms July 1. They are, from left, Carolyn Wiley, BS Ed '64, president; Mark Miller, BS RPA '78, MS '82, treasurer; Brock Hessing, BS Ag '60, vice president; G.P. "Rusty" Jandl, BS BA '77, president-elect; and Jean Snider, BS Ed '70, vice president.

WEBSTER COUNTY

More than 40 Association members attended the Webster County Barbecue June 4 in Marshfield. Special thanks to chapter President Ellis Jackson, MA '41, and Jack Watters, AB '50, BJ '51, for coordinating the event. The group had the opportunity to meet 1994 Alumni Scholars Michael Counts and David Tunnell. Attending from Mizzou were Valerie Goodin, BS Ed '67, M Ed '75, director of alumni activities, and J. Todd Coleman, executive director.

GREATER OZARK

More than 50 Association members attended a June 18 picnic at Windy Mountain Farms, owned by Charlie, BS Ag '56, and Suzy Edal. Campus updates were provided by Randy Sissel, BJ '75, director of athletic marketing, Goodin and Coleman. Other guests were Curator Fred Hall, MS '59, his wife, LaQuita, and Harold "Spider" Burke, AB '54, former MU cheerleader. A special thanks to Charlie Chalender, BS BA '56, and Mary Ann H'Doubler, BS Ed '80, for coordinating the event.

WASHINGTON, D.C.

Two recent events have been well-attended. The first, an alumni brunch attended by 100 on the banks of the Potomac River in Georgetown April 17, featured basketball Coach Norm Stewart, BS Ed '56, M Ed '60. "The event was quite festive; there was black and gold everywhere," says chapter President Denny Brisley, AB '58. The other event, an auction and softball tournament June 11, was attended by 100 alumni from northern Virginia, Maryland and Washington. Special thanks to Brisley and Wendy Knorr, BJ '90, for coordinating the events.

NEW JERSEY, NEW YORK, CONNECTICUT

A joint chapter boat ride with 34 people attending was held at Pier 62 in New York. Everyone had a chance to help with chapter fund raising through the auction of a Mizzou basketball. Special thanks to Diane Kilpatrick, BS Ed '67, for coordinating the event.

GREATER BOSTON

This chapter hosted a fund raiser for the Alumni Scholarship program May 12 at Harvard University's Sackler Museum. More than 65 alumni and friends attended the exhibit and reception, and heard from art curator Sue Langdon. The reception featured Missouri wines from Stone Hill Winery in Herrmann. Special thanks to Brent Stutzman, MA '79, for coordinating the event.

For information about events, call (314) 882-6611.



Dorothy Heckmann Shrader grew up with the Missouri River as a playground. Overlooking the river at Hermann, Mo., the reconstructed pilothouse from her father's steamboat includes the original pilot wheel.

A river of memories

Now and again, when the Missouri River near Hermann runs especially low, one of **Dorothy Heckmann Shrader's** family skeletons lies just beneath the boils of brown water. Half-buried in the mud, these bones of weathered oak timbers are all that's left of the steamer John Heckmann.

Her father, Capt. Ed Heckmann, built the sternwheeler in 1919. The river took it back in 1929, when an ice gorge left it high and dry on the riverbank and the hull eventually gave way.

As a pigtailed girl of 7, Shrader, BJ '35, BS Ed '47, spent the first of nine summers on the John Heckmann, washing dishes and checking hats and coats. The boat tramped as far north as Omaha, Neb., luring crowds out on the river for moonlight cruises and special charters.

"We started out in St. Charles and stopped at any sizable town," she recalls. "We always had a good band and a good dance floor. I remember one summer Dad cut a hole in the checkroom wall so I could stick my nose right out in the orchestra area."

Shrader also remembers being stuck on sandbars for days at a time, floods, boiler explosions, and cyclones tearing down the river. In the winter she sometimes rode ahead of the John Heckmann in a skiff, pushing cakes of ice out of the way with a pike pole. "It seems now like a strange life," she says. "Of course, I didn't think so at the time."

But then Shrader always had the river in her blood. The Heckmann clan, including her father, grandfather and six uncles, were known up and down the river as crackerjack pilots and engineers. When she and her husband, **Bill Shrader**, BS Ag '35, MA '41, retired to Hermann in 1980, she dredged up a family treasure — the diaries of her grandmother, Mary Miller Heckmann. Shrader's recent book, *Steamboat Legacy*, draws on 43 years worth of diaries that record daily events in the life of a steamboat family. In one of the most poignant passages, Grandmother Heckmann recounts the long separations from her husband and writes wistfully, "I wish he had never got steamboat on the brain." The book is available from The Wein Press, 514 Wein St., Hermann, Mo. 65041. — *John Beahler*

THE TEENS

♦ **Hy White**, BJ '18, of West Palm Beach, Fla., has been honored by B'nai B'rith for continuous efforts to promote Jewish culture and heritage in Palm Beach County. White, a former newspaper reporter and publisher, worked for the *Kansas City Post*, owned newspapers in Missouri and Texas, and wrote for *The Palm Beach Post and Evening Times*. He retired in 1969.

THE THIRTIES

♦ **Allan Lemmon Hale**, AB '35, of Urbana, Ill., who is a specialist in Tennessee Williams studies, will be a panelist at the Tennessee Williams Festival in October in Clarksdale, Miss.

THE FORTIES

♦ **George Miller**, BJ '40, has completed 30 years of writing "It Reminds Me" for *The Madison (Ind.) Courier*. His first column appeared Feb. 29, 1964. Miller of Tampa, Fla., also writes a "Family Tree" column about genealogy, which he has been doing for 23 years.

♦ **Martha Frances Shock Henry**, BS '41, of College Station, Texas, was a 1993 recipient of the George Washington Honor Medal from Freedom's Foundation at Valley Forge. The award recognizes achievement in volunteerism.

♦ **Mary Muehring**, M Ed '43, of San Jose, Calif., attended the annual reunion last July of the Department of Defense Overseas Schools. From 1954 to 1974 she was a teacher and an administrator for the American Overseas Schools in Germany and Okinawa.

Hugh Stephenson Jr., AB, BS '43, of Columbia is chairman of the medical education council of the American Medical Association. Formed in 1904, the council is concerned with all aspects of medical education, including 125 medical schools nationwide, graduate medical education and residency programs, continuing medical education and allied health education. Stephenson, the John A. Growdon Distinguished Professor emeritus of surgery, has retired as chief of staff of University Hospital and Clinics.

David Westfall, AB '47, teaches employment law and labor law at Harvard

University. He is the author of *Family Law*, a casebook, and *Documents and Statutes in Family Law*, both published by West Publishing Co. of St. Paul Minn.

♦ **Ira Koplow**, BJ '48, of Kansas City retired Jan. 1, 1993, after 39 years in sales with Missouri Engravers.

THE FIFTIES

♦ **Robert Carlstead**, BS BA, '52, has retired from Schlumberger Ltd. in Palo Alto, Calif., after 27 years of service. He was a semiconductor test specialist.

♦ **Donald McCurdy**, M Ed '52, EdD '67, retired July 15 as professor of science education at the University of Nebraska-Lincoln.

♦ **Clint Starke**, BS ChE '55, has retired from his retail decorating center in Lockport, N.Y. He has been chosen Citizen of the Year for Eastern Niagara County by the Chamber of Commerce. Starke is president of the Lockport Senior Citizens Center and of the Lockport Downtown Development Corp.

♦ **C. Dudley Martin**, AB '56, JD '60, of Springfield, Mo., has opened the offices of C. Dudley Martin and Associates in Joplin and Branson, Mo. The firm continues to have an office in Springfield, also.

♦ **Thomas Conway**, BS BA '58, JD '61,

of Annandale, Va., retired in January after 28 years of service with the Veterans Affairs department in Washington, D.C. In recognition of his service, the department presented him with an Outstanding Career Award.

♦ **Donald Northington**, M Ed '58, EdD '65, is executive vice president of the Washington (Mo.) Area Chamber of Commerce. He retired in December as supervisor with the Missouri Department of Elementary and Secondary Education in Jefferson City. Earlier, he was superintendent of schools in Washington, Mo.

♦♦ **William Sellers**, BS Ag '58, MS '62, of Taylor, Texas, retired in 1993 after 26 years with State Farm Insurance Co. He was an agent.

♦ **Bruce Fane**, BS BA '59, of Encino, Calif., retired in April as executive vice president of Bank of Newport.

THE SIXTIES

♦♦ **Ann Chambers**, BS Ed '61, M Ed '65, of Fort Worth, Texas, is an adjunct professor of English at Weatherford College, writing instructor at the University of Texas-Arlington, and published writer of 35 non-fiction articles and 20 poems.

♦ **Ron Golden**, BS Ag '61, has been

appointed to A.G. Edwards 3 Million Dollar Club. American Fund named him to the All American Team and Franklin Funds appointed him to the Kite and Key Club. Golden is vice president of investments for A.G. Edwards and Sons in St. Joseph, Mo.

♦ **Richard Davies**, PhD '63, received the Mousel-Feltner Faculty Research Award in May and was chosen runner-up for the Distinguished Teacher Award at the University of Nevada-Reno, where he is a professor of history. He is author of *Defender of the Old Guard: John Bricker and American Politics*, published in 1993 by The Ohio State University Press, and *America's Obsession: Sports and Society Since 1945*, published in 1994 by Harcourt Brace.

♦ **Gerry Potter Barnett**, BS '64, is property manager of St. Luke's Medical Tower in the Texas Medical Center in Houston.

♦♦ **Christie Bulkeley**, BJ '64, of Sanford, N.C., received a master of theological studies degree in May from Wesley Theological Seminary in Washington, D.C.

♦ **Roland "Moe" Mohesky**, BS Ag '64, owner-operator of Clover M. Farms, a hog operation in Rocky Mount, N.C., is president-elect of the National Pork Producers Council.

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❖ **Carolyn Anderson-Grecco**, BS Ed '66, is the adult education facilitator for CIU 10/Development Center for Adults in Clearfield, Pa. CIU 10/DCA has been recognized by the Department of Education as one of the top five adult education programs and is one of the two best such programs in Pennsylvania.

❖ **Gene Garza**, BS Ed '67, M Ed '70, and ❖ **Nancy Moore Garza**, BS Ed '66, of St. Charles, Mo., toured Europe for 13 days in June with the Brentwood Symphony Orchestra for the 50th anniversary of the Liberation of France. Nancy is director of the St. Charles Municipal Band in which Gene plays euphonium. He is principal trombonist for the University City (Mo.) Symphony Orchestra.

❖ **Ralph Lowenstein**, PhD '67, who founded WUFT-FM, the student-run classical music station and National Public Radio affiliate at the University of Florida-Gainesville, retired this summer after 18 years as dean of journalism and communications. In his retirement, Lowenstein will maintain close ties with the college, helping raise money, developing minority recruitment efforts and working on an electronic newspaper project, a cooperative effort between the college and *The Gainesville Sun*.

Dee Anna Tucker, BS Ed '67, is director of child development for Culver City (Calif.) Unified, which provides services for 600 children ages 6 weeks to 10 years.

❖ **Jeffrey Green**, MA '68, is a senior manager of BDO Seidman, a certified public accountant office in Orlando, Fla.

❖ **James Wahlbrink**, BS BA '68, of Raleigh, N.C., was chosen 1993 Executive Officer of the Year by the National Association of Home Builders. He is executive officer of the Raleigh-Wake County's Home Builders Association.

❖ **Lynne Lamb Bryant**, BJ '69, of League City, Texas, received a doctor of jurisprudence degree May 8 from South Texas College of Law.

Donna Cole Peterman, BJ '69, has been promoted from senior vice president of Hill and Knowlton Inc. to executive vice president of Hill and Knowlton USA and director of the public relations firm's corporate services in New York City.

Ralph Sneed, M Ed '69, of Hazelwood, Mo., has opened the consulting firm of Sneed and Associates.

Michael Wallis, Arts '69, received the 1994 Lynn Riggs Award in April from Rogers State College in Claremore, Okla. The award named for the Oklahoma playwright, is presented annually to an

Oklahoman — by birth or by choice — who demonstrates a commitment to the advancement of the arts in the state. Wallis is author of *Route 66: The Mother Road*, *Mankiller: A Chief and Her People*; *Pretty Boy: The Life and Times of Charles Authur Floyd*; *Way Down Yonder in the Indian Nation*; and *Oilman: The Story of Frank Phillips and the Birth of Phillips Petroleum*.

THE SEVENTIES

Michael Blaine, MS '70, was chosen Professional of the Year by the Organization of Professional Employees of the U.S. Department of Agriculture. He is the state conservation engineer for the Soil Conservation Service of Morgantown, W.Va.

❖ **Gary Henneberry**, BS IE '70, of Mount Holly, N.J., has been elected honored service member of the Society of Plastics Engineers in recognition of his long-term contributions to the society. He is director of SPE's blow molding division since 1985.

❖ **Benjamin Jackson**, BS ME '70, of Stilwell, Kan., was chosen Engineer of the Year in March by the Eastern chapter of the Kansas Engineering Society. Jackson is an engineering manager and leader of Black and Veatch's steam generation group.

❖ **Mary Lou Cappel**, BS '71, received the 1993 University Distinguished Service Award from California State University-Dominguez Hills, where she is an associate professor. She was given the Recreation and Leisure Educator of the Year Award for 1993 by the Southwest District American Alliance for Health, Physical Education, Recreation and Dance. The California Association for Health, Physical Education, Recreation and Dance presented her with the 1994 Distinguished Service to the Recreation Profession Award.

Owen Harris, PhD '71, is the formulation specialist on the technology team that developed sugar free candy and cookies at F&F Laboratories Inc. of Chicago.

Richard Henrick, AB '71, has written his 15th mass-market, adventure novel, published by Harper Collins. *ICE WOLF* reveals the occult secrets of the third Reich, with a backdrop of modern day submarine operations off Antarctica.

Jennifer Hill, AB '71, MS '74, of Kansas City has received a Graduate Assistance Fund Fellowship from the University of Missouri-Kansas City Women's Council. Hill is a doctoral candidate in early-childhood education and public administration at UM-KC.

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☛☛ **Dan Bollinger Sr.**, AB '72, is director of the Regional Development Center at Camilla, Ga.

☛ **Vicki Lammers McCarrell**, BS Ed '72, is president of The American College for the Applied Arts in Los Angeles.

Carla Wilson Moore, BS '72, MA '75, has received a Bronze Medal from the National Oceanic and Atmospheric Administration for leadership in building high-quality marine geology data bases. Moore, who resides in Lyons, Colo., is a geologist at the National Geophysical Data Center in Boulder. She has managed NGDC's marine geology program for 17 years.

Annette Chevalier Sanders, M Ed '72, PhD '86, of Columbia was honored by Missouri Press Women with the state Communicator of Achievement Award for 1994. She is president of Sanders Public Relations and Training, a mid-Missouri communications company, and central district director for Missouri Press Women. She worked for MU for 20 years and also for A.B. Chance Co. of Centralia, Mo.

☛ **Reed Edward Detring**, MA '73, of Key Largo, Fla., is chief ranger at Everglades National Park.

☛ **Tom Savio**, MS '73, president of Wren Olds, Buick and GMC of Fulton, Mo., has received the Dealer of the Year Award from the Missouri Driver and Safety Education Association. For the past eight years, Savio's dealership has donated an automobile and service to the Missouri School for the Deaf's driver education program.

David Zeeck, BJ '73, former associate editor of *The Kansas City Star*, is executive editor of the *Tacoma* (Wash.) *News Tribune*. Zeeck, who had been with the *Star* for 20 years, is a former member of the MU Alumni Association's communications committee.

Becky Sokol Cohen, BS Ed '74, a high-school teacher in the St. Charles, Mo., school system, has appeared on *All My Children* in a non-speaking, walk-on role. Her husband, **Larry Cohen**, BS EE '74, is an engineer for Union Electric. The Cohens reside in Manchester, Mo.

Michael Murray, PhD '74, has received the Frank N. Stanton Fellowship from the International Radio and Television Society in New York City and the Missouri Governor's Award for Outstanding Teaching, and has been chosen the Distinguished Broadcast Educator by the Radio-TV division of the Association for Education in Journalism and Mass Communication. Murray, who is interim chairman of communication at the University of Missouri-St. Louis, is the

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author of *The Political Performers: CBS Broadcasts in the Public Interest*.

✪ **Mark Pope**, M Ed '74, is president of the California Career Development Association and treasurer of the National Career Development Association. Pope is founder and president of Career Decisions, a counseling and consulting firm in San Francisco.

✪ **John Freeman**, BJ '75, received a 1993-94 Teacher of the Year Award from the University of Florida-Gainesville, where he is an assistant professor of journalism.

✪ **Andrew Leckey**, MA '75, is one of 13 media professionals and scholars who received residential fellowships at The Freedom Forum Media Studies Center at Columbia University in New York City. Leckey is a financial reporter and syndicated columnist for the *Chicago Tribune*.

✪ **Virginia Patrick**, BJ '75, has been promoted from second vice president of quality management to vice president at Northwestern National Life Insurance Co. in Minneapolis.

✪ **Robert Paynter**, Journ '75, received a Pulitzer Prize this spring. An investigative reporter for the *Akron (Ohio) Beacon*, Paynter led a team of 28 reporters, artists and photographers in producing a series of articles on race relations in Akron.

✪ **Geoffrey Vincent**, MA '75, is deputy

associate administrator for public affairs at NASA in Washington, D.C.

✪ **Kaaren Douglas**, MD '76, MS '86, is director of geriatrics and an associate clinical professor of family medicine at the University of California-Irvine.

✪ **Steven York**, BS BA '76, is the controller for House of Lloyd, an international gift company in Kansas City. He and wife Lisa announce the birth of John last September.

✪ **James Reid**, PhD '76, is president of Saint Mary College in Leavenworth, Kan. He was an associate professor of politics at the University of Dallas in Irving, Texas.

✪ **M. Steve Yoakum**, BS PA '76, is executive secretary of the Public School Retirement System of Missouri in Jefferson City.

✪ **Lewis Diuguid**, BJ '77, has been promoted from assistant city editor for the Southland bureau to metropolitan columnist and associate editor for *The Kansas City Star*. Diuguid is a member of the MU Alumni Association's communications committee.

✪ **Regina Lynn Berne French**, M Ed '77, is a sales associate at Coldwell Banker Real Estate in St. Charles, Mo.

✪ **Debby Conrad Poindexter**, BS Ed '77, M Ed '91, EdSp '92, of Columbia is

the assistant state director for Missouri North Central Association of Colleges and Schools and a graduate instructor in educational administration at MU.

✪ **Cynthia Carter Haddock**, MA '78, received a 1994-95 Robert Wood Johnson Health Policy Fellowship for a one-year program of orientation and working experience in Washington, D.C. She is an associate professor of health services administration at the University of Alabama-Birmingham.

✪ **Marti Duggins Leonard**, BS Ag '78, and husband Brad announce the birth of Olivia Nov. 26.

✪ **Kathleen Stewart Ditter**, BS Ed '79, and husband Bill of The Woodlands, Texas, announce the birth of Christopher Nov. 4.

✪ **Pamela Huggins**, BSW '79, MSW '80, is an assistant professor of social service at St. Louis University.

✪ **Mary Magnusson**, BS Ed '79, M Ed '82, who received an educational specialist degree in December from the University of Missouri-Kansas City, is an assistant principal of the middle school in Potosi, Mo.

✪ **Scott Smith**, BJ '79, MBA '83, and ✪ **Barbara McIntosh Smith**, BJ '84, of Ballwin, Mo., announce the birth of Katherine July 13, 1993.

THE EIGHTIES

✪ **Kristine Franz Dashiell**, BS BA '80, and husband Hap of Salt Lake City announce the birth of Tucker June 20.

✪ **Steve Hays**, BS BA '80, a partner of the public accountant firm of Rubin, Brown, Gornstein in St. Louis, is president of the board of the Ronald McDonald House of Greater St. Louis.

✪ **Lt. Cmdr. Chris Morgan Jenkins**, AB '80, has been selected for promotion to commander in the U.S. Navy. She is executive officer, NRD, Dallas.

✪ **Robert Perry**, EdSp '80, superintendent of the Mansfield, Mo., school system, has been selected Missouri Administrator of the Year. The award, a joint presentation of the Missouri Intercollegiate Press Association and the Missouri Journalism Education Association, is presented to administrators for personal and financial support of journalism at their schools.

✪ **Kathy Brady Tulumello**, BJ '81, is sports editor of *The Phoenix (Ariz.) Gazette*.

✪ **Rebecca Dowling**, PhD '81, is assistant vice president of support services and chairwoman of clinical nutrition at Rush-Presbyterian-St. Luke's Medical Center in Chicago.

✪ **Helen Sue Hazelrigg**, BS Ed '81, M Ed '91, is coordinator of adult and com-

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munity education for the Nevada (Mo.) Area Vocational-Technical School.

☞ **John Hoffman**, BHS '81, has passed the examination to become a board certified sports clinical specialist in physical therapy. He is with Cass Medical Center of Harrisonville, Mo.

☞ **Jackie Gutzler Hughes**, BHS '81, and husband Dave of St. Louis announce the birth of Christina Nov. 13.

Linda Lafferty, PhD '81, is director of food and nutrition services and an associate professor of clinical nutrition at Rush-Presbyterian-St. Luke's Medical Center in Chicago.

Tammie Jones Piper, BES '81, and husband Neal of Huntington Beach, Calif., announce the birth of Quinn Feb. 24.

Robert Seelinger, PhD '81, received the American Physiological Association's Excellence in Teaching Award. He teaches classics at Westminster College in Fulton, Mo.

Denise Holland Gibson, BGS '82, and husband Eric of Glenview, Ill., announce the birth of W. Sullivan May 30.

☞ **Edgar Walsworth**, BS BA '82, and ☞ **Linda Wheeler Walsworth**, BS Ed '82, of Brookfield, Mo., announce the birth of Daniel May 24, 1993.

☞ **Jane Bare**, AB '83, who is completing a fellowship in cardiology at the University of Kansas, will begin practicing with Cardiology of Tulsa, Okla., Sept. 1.

Lisa Iovino Howald, BS BA '83, and husband Jeffrey of Chesterfield, Mo., announce the birth of Emily Dec. 28.

Sean Johnson, AB '83, is sports information director at the University of Idaho. He previously worked in sports information offices at Angelo State (Texas) University, University of Arkansas-Little Rock, University of Missouri-St. Louis, Lincoln University in Jefferson City and at MU.

☞ **Anita Katti**, BS ChE '83, of St. Louis is a senior development engineer with Mallinckrodt Chemical Inc. In June, a book she co-wrote titled *Fundamentals of Preparative and Non-linear Chromatography* was published by Academic Press.

☞ **Jill Hritzkowin Miller**, BJ '83, and husband Barry of Ballwin, Mo., announce the births of Davis and Allison May 7.

☞ **Chris Owens**, BJ '83, MBA '85, and **Susan VanSickle Owens**, BS Acc '87, of Kansas City announce the birth of Matthew May 18.

Brenda Breckon Pike, AB, BJ '83, M Ed '90, teaches at All Saints' Academy in Winter Haven, Fla. She and husband Steve announce the birth of Keilly Oct. 24.

☞ **Scott Garrett Sleyster**, BS BA '83, and **Sherry Ann Smith Sleyster**, BS Ag

'82, of Lebanon, N.J., announce the birth of Brett Dec. 4.

☞ **George Wolf III**, BS CIE '83, and ☞ **Deena Gorman Wolf**, BES '84, of Kansas City announce the birth of Hannah March 25.

☞ **Jennifer Reed York**, BS Acc '83, MA '84, and husband Tim of Dothan, Ala., announce the birth of Andrew April 24.

☞ **Clayton Eugene Boothe**, BJ '84, is associate creative director at Jordan, Tamraz, Carvso Advertising in Chicago.

☞ **Christie Wilson Hutcheson**, BS IE '84, is a member of the Jasper-Newton-McDonald counties alumni chapter's board of directors. She and husband Randall of Carl Junction, Mo., announce the birth of Ethan May 4.

Edwin Cash, AB '84, is a senior merchandising manager with J.C. Penney Co. in Richmond, Va.

Dan Krupp, BS IE '84, AB '90, of Manchester, Mo., is chief engineer at University Air Filter Co. in East St. Louis, Ill. He and **Susan Shaffrey Krupp**, BS BA '84, announce the birth of Caroline May 24.

☞ **Scott McWilliams**, BS Ag '84, and ☞ **Lisa Vandlandingham McWilliams**, BS, BSW '85, of Plymouth, Minn., announce the birth of Megan March 28.

Rob Morgan, MS '84, and wife Susan of Overland Park, Kan., announce the births of Amber and Jennifer May 12.

☞ **Janet Redding Petree**, AB '84, has been promoted to public relations manager for Sprint. She and husband Jon of Leawood, Kan., have opened two stores in the Kansas City area, Art Expo Frame and Gallery, which specializes in custom framing and some sports memorabilia.

☞ **Terry Sutter**, BS ChE '84, of Chicago is a business manager for Morton International. His wife, ☞ **Amy Meuse-Sutton**, BS ChE '85, is a manager for the Boston Consulting Group. Their son, Graham, was born Feb. 17.

Jay Anthony, MA '85, has been promoted to associate professor with tenure in journalism and mass communication at the University of North Carolina-Chapel Hill. He has taught graphic design and visual communication there since 1988. From 1981 to 1985 he taught at MU's J-School.

Ferald Bryan, PhD '85, has been promoted to associate professor and granted tenure in communication studies at Northern Illinois University-DeKalb. His book, *Henry Grady or Tom Watson?: The Rhetorical Struggle for the New South, 1880-1890*, was published in July by Mercer University Press of Macon, Ga.

Kim Diehl, BS Ag '85, and **Julie Gorham Diehl**, BS Ed '86, of Butler,

Mo., announce the birth of Cale Dec. 21.

Joseph Lawrence Spalding, BES '85, is a student at the Kirksville (Mo.) College of Osteopathic Medicine. He and wife Lisa announce the birth of Luke May 1.

Dan Hurley, AB '85, and **Jenny Tedrow Hurley**, BHS '85, of Sedalia, Mo., announce the arrival of Conner and Casey Nov. 3.

☞ **Steve Lange**, BS ChE '85, and wife Teresa of Cincinnati announce the birth of Ingrid May 29.

Debra Pierson Norman, BJ '85, of Dover, N.J., is editor in chief of *Fiberoptic Product News* and executive editor of *Wireless Design and Development* for Gordon Publications Inc., a division of Cabners Publishing of Morris Plains, N.J.

☞ **Frank Sanfilippo**, BS Acc '85, is vice president and assistant comptroller for Mercantile Bancorporation Inc. in St. Louis.

Jonathan VanKleeck, BS Acc '85, and **Julene DiLorenzo VanKleeck**, BHS '84, of Grover, Mo., announce the birth of Matthew March 8.

☞ **J. Ryan Duffy Jr.**, AB, BJ '86, is an advertising copywriter for Kuhn and Wittneborn in Kansas City.

Sally Riek Kohl, BES '86, and husband Tom of Chesterfield, Mo., announce the birth of Tyler May 7.

Paul Neal, AB '86, is an industrial leasing and sales associate with The Winbury Group in Kansas City. He received the 1993 Highest Volume Award from the Metropolitan Kansas City Board of Realtors.

Melody Garnett Parry, BJ '86, MA '91, is a marketing specialist in Columbia for the Regional Economic Development Inc. She was director of publications at Robert Morris College in Pittsburgh.

Mary Van, BS Acc '86, and Howard Armistead of Dallas announce the birth of Caroline March 19. Van is a member of the Dallas alumni chapter's board of directors.

Kevin Thomas Kelly, BS Acc '87, and **Dianne Curtis Kelly**, BS Acc '87, MA '88, of Kansas City announce the birth of Megan Sept. 14.

Robert Kohlman, BJ '87, in April received a JD degree from Florida State University in Tallahassee. He is a law clerk at the Florida Third District Court of Appeals in Miami.

Cindy Smith Piephoff, BSN '87, and husband Jim of Oahu, Hawaii, announce the birth of Austin Jan. 1.

☞ **Scott Lee Templeton**, JD '87, and ☞ **Heidi Crist Templeton**, AB '86, of Kirksville, Mo., announce the birth of Callie Feb. 22.

☞ **Theodore Weatherford**, BS Acc '87,

and **Stephanie Pruento Weatherford**, BES '88, of St. Louis announce the birth of Matthew Dec. 14.

Brian Wright, BS BA '87, and **Lisa Wright**, BHS '89, of Overland Park, Kan., announce the birth of Landon March 22.

Brent Beeman, BS BA '88, of West Palm Beach, Fla., is vice president and chief financial officer at Barnett Bank of Martin County.

Brian Borchardt, BS BA '88, is general manager of the Rio Grande Valley WhiteWings, a professional baseball team in Harlingen, Texas. For five years he was assistant general manager for the St. Petersburg (Fla.) Cardinals.

Jill Christine Branson, BJ '88, former producer at KSTP-TV in Minneapolis is the 11 p.m. producer at WRAL-TV in Raleigh, N.C.

Mark Halder, BJ '88, and wife Tina of Baltimore announce the birth of Zachary April 5.

Dave Lengyel, MBA '88, is project manager for the Russian Program Office, Phase I, [Shuttle-Mir] for NASA at the Johnson Space Center in Houston.

Wendy Voss Mueller, BS EE '88, completed a master's degree in business administration in January at St. Louis University. She and husband Tom of St. Charles, Mo., announce the birth of Gregory Feb. 5.

Peter Tassinari, BS BA '88, and **Ellen Patricia Ducey Tassinari**, BS Ed '88, of Godfrey, Ill., announce the birth of Sarah May 2, 1993.

Michael Duesenberg, BS HES '89, of Palatine, Ill., has been promoted to international sales manager for Thermal

Care/Mayer, a division of Midwesco Inc of Niles, Ill.

Kurt Jefferson, MA '89, PhD '93, former visiting assistant professor of political science at Westminster College in Fulton, Mo., is an assistant professor of political science at Morningside College in Sioux City, Iowa.

Wm. Paul Pope, BES '89, M Ed '91, of Blue Springs, Mo., is a supervisory addiction therapist for the psychiatry department at the Veterans Administration Medical Center in Kansas City. He coordinates programming for the psychiatric residential rehabilitation treatment program.

Jeffrey Thompson, BS Ag '89, and **Krista Richardson Thompson**, BSW '89, of Cameron, Mo., announce the birth of Jared March 30.

Guy Statt Wilkerson, BS ChE '89, of Gilbert Ariz., is an engineer for the Arizona Public Service Co. at the Palo Verde Nuclear Generating Station.

THE NINETIES

J.D. Mosher, BFA '90, and **Patricia Brei Mosher**, BJ '85, of Olathe, Kan., announce the birth of Erin April 30.

Bill Taylor, M Ed '90, of Creston, Iowa, is a professor of business and head basketball coach at Southwestern Community College.

Paul Thompson, MD '90, is an anesthesiologist in Branson, Mo. His wife, **Deborah Hamilton Thompson**, BS Ed '90, received a master's degree in education in December from the University of Alabama-Birmingham. Their daughter, Abigail, was born April 13.

William Todd Wahl, BS BA '90, is an investment executive with Stifel, Nicolaus and Co. in Clayton, Mo.

Gwyndolyn Weathers, AB '90, received a master of arts degree in international policy studies in May from the Monterey (Calif.) Institute of International Studies. She works for the Women's Foreign Policy Campaign in Washington, D.C. This summer she was an intern at the Center of Women Policy Studies.

Heldi White, BJ '90, of St. Louis is a project director at Maritz Inc.

Craig Edmund Buescher, BS ME '91, and **Jayuni Shah Buescher**, BS Acc '90, of St. Louis announce the birth of Katherine Feb. 23.

Neal Laurence Hart, AB '91, is an associate at the law firm of Frye, Mickel and Boyce in Little Rock, where he specializes in insurance defense litigation.

Jennifer Suzanne Hauser, BS Acc '91, of Atlanta is a tax analyst with Delta Air Lines Inc.

Lynn McCullough, BJ '91, of Plainsboro, N.J., is administrative director at Fernley and Fernley, a national association management firm in Philadelphia.

Karen Schmidt North, BSN '91, a registered nurse at Liberty (Mo.) Hospital, and husband Michael announce the birth of Matthew Jan. 5. The Norths reside in Kansas City.

Carol Adrienne Baughman, AB '92, of Columbia has been accepted into the J-School's graduate program. She will specialize in legal affairs reporting.

Rebecca Fitzgerald, MA '92, of Fredericksburg, Va., is a direct mail promotion coordinator for Oxmoor House in

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Birmingham, Ala. Oxmoor House is the book publishing division of Southern Progress Corp.

Julie Straka Shrewsbury, BJ '92, of Wichita, Kan., is an account executive at Barkley and Evergreen Advertising in Shawnee Mission, Kan.

Elizabeth Krebs, MA '93, is a picture editor for features at *The Baltimore Sun*.

WEDDINGS

Jack Briggs, BJ '61, and **Alene Smit** of Camerón, Mo., Feb. 25.

♣ **Mary Catherine Metz Crowe**, M Ed '64, and **Joe Carter** of Cape Girardeau, Mo., Oct. 16.

♣♣ **Robert Pauley**, BJ '74, and **Jenny Scheulen** of Fulton, Mo., Jan. 9, 1993.

Karl Ray Metter, BS BA '80, and **Claudia Donovan** of Alexandria, Va., April 16.

♣ **Kimberly DuBois**, BS BA '84, and **Charles Ertz** of Leawood, Kan., Feb. 12.

Debra Pierson, BJ '85, and **William Norman Jr.**, of Dover, N.J., July 24, 1993.

Thomas Anthony Hulshof, BS Ag '88, and **Cynthia Ann Ross** of Manito, Ill., Oct. 23.

John David Gardner, BS Ag '86, and **Laura Ann Cheatham** of Paris, Mo., April 9.

♣ **Kathe Niedgerkerke**, BS BA '88, and **Grady Ingle** of Mooresville, N.C., April 30.

♣ **Sarah Ann Seabaugh**, DVM '88, and **Welsey Kinsey** of Cape Girardeau, Mo., Oct. 16.

Loren Stevenson, BJ '88, and **Kevin Wilson**, BFA '89, MPA '92, of St. Louis July 23.

Douglas Leo Luebbering, BS Ag '89, and **Tami Rae Lindeman** of St. Thomas, Mo., April 9.

Dennis Wilfred Heckman, BS Cie '90, and **Judith Marie Stratman** of Jefferson City April 30.

Kelly Ann Higdon, BS '90, and **Thomas James Leonard** of Mount Pleasant, S.C., March 26.

Douglas Jones, BS '90, and **Gina Wilson** of Washington, Mo., April 16.

Heidi White, BJ '90, and **Robert Doering** of St. Louis Sept. 24.

♣ **Robert Gerard Becnel**, BS CoE '91, and **Verla Susan Seyer** of St. Louis Nov. 6.

Roz Canady, BS '91, and **Mike Roberts**, BGS '91, of St. Louis July 16.

♣ **Elisabeth Creighton**, BS Acc '91, and **Edward McFadden Jr.**, BJ '91, of St. Paul, Minn., May 28.

Patty Harper, BS BA '91, and **Mark POUND**, BS '91, of St. Louis March 19.

Sherry Ann Doerhoff, JD '92, and **Schuyler James Marica** of Jefferson City April 23.

Natalie Ann Smith, BJ '92, and **William**

Stuart Lewis of Trenton, Mo., Feb. 12.

Lisa Gayle Libbert, BS ChE '92, and **Roger Lee Luechtfeld**, BS EE '91, of Washington, Mo., May 7.

Bradford Stilwell, BS ME '92, and **Kimberly Kirk** of Blue Springs, Mo., April 9.

Tiffanie Lee Bastion, AB '93, and **Joseph Meyer** of Jefferson City April 30.

Alaina Adams, BS '93, and **Derek Helenberger**, BS ME '93, of Austin, Texas, June 4.

Sally Ann Darling, BSW '93, and **Brian David Mouse**, BS '92, of Urich, Mo., Oct. 9.

♣ **Mary Agnes Guinan**, and ♣ **Matthew James Wilson**, BS '93, of St. Louis Oct. 23.

Sarah Ellen Hentges, AB '93, and **Steven Bradley Hopper**, BS Acc '91, of Ballwin, Mo., April 23.

♣ **Melinda Kirkin**, BS '93, and **William Mower**, BS Ed '93, of Kennett, Mo., Nov. 27.

Sara Miller, BS Ed '94, and **Joe St. Clair**, BS '94, of Troy, Mo., June 11.

DEATHS

Lorene Henton Copher, Arts '21, of Jefferson City March 22 at age 93. She was supervisor for the vital records department of the Missouri Division of Health.

Among her survivors are sons **William Copher**, BS PA '51, a life member of the MU Alumni Association, and **Robert Copher**, AB '52, BS BA '56.

Lyman Kerr, BS Ag '23, of Ozark, Mo., April 19 at age 93.

Verna Mary Wulfekammer, BS Ed '26, MA '31, June 13 in Columbia at age 94. After 40 years of service, she retired in 1968 from the University, where she was a professor of art. She was editor of *Show Me Art*, the Missouri Art Education journal and author of a history of the Missouri Art Education Association from 1916 to 1962. From 1945 to 1954, she wrote a series of art appreciation books titled *My Picture Study Books*. She was a life member of the MU Alumni Association.

J. Rhoads Foster, AB '28, PhD '33, May 27 in Haymarket, Va., at age 88. He was an independent consultant and president of Foster Associates Inc. He founded an institute for the study of regulatory economics and provided the principal gift toward the establishment of a distinguished professorship in that area at the University of Missouri-Columbia. Memorials for the J. Rhoads Foster Professorship may be sent to the Development Office, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211.

Helen Katherine Lewis, BS Ed '28, May 24 in Pleasant Hill, Tenn., at age 88. From 1951 until 1971, she worked for the executive director of the Oak Ridge (Tenn.) Associated Universities. Earlier she worked in offices of the Tennessee Valley Authority in Knoxville, Tenn., and for the American Association of University Women in Washington, D.C.

Marvin McCoy Millsap, MA '28, DL '87, May 17 in Columbia at age 91. He owned Capitol Chevrolet Co. in Denver, and established and owned the Denver Chevrolet Basketball Team in the National Industrial Basketball League. He later owned and operated agencies in Kansas, New Mexico and Nebraska. He also founded a business to dehydrate alfalfa products.

George Denver Jones, BS Ag '29, MA '39, of Matthews, N.C., Nov. 11 at age 89. He was a professor emeritus of entomology at North Carolina State University, a former entomologist with the University of Missouri Extension Service and a life member of the MU Alumni Association.

Howard Milton Smith, BS Ag '30, April 14 in Des Moines, Iowa, at age 90. He was a vocational agriculture teacher, a member of the MU Alumni Association and a Peace Corps volunteer.

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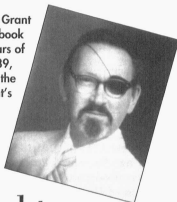


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When he died in 1988, Donald Grant left behind a nearly completed book in which he had traced 450 years of black history in Georgia. In 1989, Grant's son, Jonathan, took on the project as editor. Mildred, Grant's widow, proudly displays the finished product, published in December 1993.



Shining a light on the dark past

Fifteen years of dogged research that produced a book documenting the history of blacks and race relations in the state of Georgia, has earned the late **Donald Grant**, MA '70, PhD '72, Author of the Year status. "Don would have been pleased," says his widow, **Mildred Bricker Grant**, BS PA '40, MA '71, who resides in Columbia.

Last April, Fort Valley (Ga.) State College gave the award posthumously to Donald — a former history professor at the historically black school — who died in 1988 before he could finish *The Way It Was in the South: The Black Experience in Georgia*. Thanks to his son, Johnathan, the book was published last December.

"Don saw that the standard histories almost ignored blacks, and that there was a need to correct some misconceptions of their social and political roles," Mildred says.

Donald had been reared to believe in racial equality and justice. A lynching in his hometown of Marion, Ind., when he was 10 years old drove home the fact that black Americans had neither. That impression was reinforced when he worked as a guard in a prisoner of war camp in Florida during World War II and witnessed discrimination against black soldiers.

At MU, Donald specialized in African American and Latin American histories, and upon graduation, he "jumped at the chance to teach at Fort Valley," Mildred says. The college is in a part of middle Georgia heavily populated by African Americans.

A few months after the Grants returned to Columbia in 1988, Donald died of heart disease. Mildred had no intention of letting his work cease, too. A retired reference librarian, she also had devoted countless hours to the project as a researcher and a proofreader. Before it could be printed, however, the 2,000-page manuscript had to be shortened and polished. Enter the Grant's youngest son, Jonathan, of Stone Mountain, Ga. A writer by trade, he agreed to finish the project.

Jonathan describes the two years he spent editing, moving, condensing, cutting and updating text "like rewiring the space shuttle." The book ended up being 624 pages and covers Georgia's history from the 1500s through the 1992 controversy surrounding the state flag. Many people believe the banner — changed in 1956 to incorporate the Confederate battle flag — symbolizes Georgia's hostility toward equality for blacks.

"Some people will find fault with the book because it is not a romantic look at Georgia's past, and it will rip gaping holes in some Southerners' cherished beliefs about their homeland and its history," Jonathan says. "In the course of his research, Dad came across many unsung black heroes who deserved a better break than they got from traditional histories. It was Dad's goal to give them — and others — a measure of justice. I'm glad I could help." — *Sue Richardson*

Berton Roueche, BJ '33, of Amagansett, N.Y., April 28 at age 83. He originated *The New Yorker* magazine's "Annals of Medicine" series. His book *Eleven Blue Men*, a collection of his *New Yorker* pieces published in 1954, won a Raven Award from the Mystery Writers of America for the best book in a mystery field outside its regular categories.

Douglas Attaway, BS BA '34, Feb. 21 at age 83 in Shreveport, La., where he was former publisher of the *Shreveport Journal*.

Ralph Barnett McGill, BS Ag '34, of Columbia March 14 at age 81. He worked with the Soil Conservation Service in Columbia, Ridgeway and Bethany, Mo.

Survivors include his wife, **Deva Montgomery McGill**, BS Ed '33, and son **William McGill**, BS Ag '73.

Thomas McHarg Sr., BS BA '36, of Sanibel Island, Fla., March 18 at age 80. He was a member of the MU Alumni Association.

William Rabenberg, JD '36, April 19 in Creve Coeur, Mo., at age 85. He was a retired banking executive and a member of the MU Alumni Association.

Marie Nord Shaffner, BS Ed '36, of Hannibal, Mo., April 29 at age 80.

Dorothy Bassman Wright, BS Ed '36, of Woodville, Texas, April 5 at age 79. She was a schoolteacher.

Alice Irene Fitzgerald, BS Ed '38, EdD

'60, M Ed '56, April 26 in Columbia at age 82. She was an elementary school-teacher and supervisor in the University of Missouri Laboratory School. She retired from the University in 1981 as a professor of education. She is the author of *Missouri's Literary Heritage for Children and Youth*.

Milton Mangum, BJ '38, Dec. 15 in Alexandria, Va., at age 93.

Paul Christian Miltenberger, AB '38, BS Med '39, April 18 in Columbia at age 70. He was a retired physician and surgeon, and a life member of the MU Alumni Association. Among his survivors is son **Chris Miltenberger**, JD '89.

Dan Thrapp, BJ '38, April 29 at age 80.

He retired in 1975 as religion editor of the *Los Angeles Times*. Thrapp was an authority on the Apache wars in Arizona and New Mexico in the second half of the 19th century and wrote six books on the subject. He also wrote a four-volume Encyclopedia of Frontier Biography, which was published in 1991 by the University of Nebraska Press.

Ethel Sue Lumb, AB '39, BS Ed, MA '41, April 26 in Columbia at age 77. She taught biology at Stephens College and at Vassar College in Poughkeepsie, N.Y. Among her survivors are nephews **John Lumb**, BS Ag '59, and **Ronald Lumb**, BSF '68.

Harold Douglas, BS Ed '40, of Marshall, Mo., Feb. 18 at age 77. He was station manager of radio station KMMO for more than 35 years, retiring in 1980. He was the master of ceremonies of the Marshall Municipal Band for 40 years, a board member of the Marshall Philharmonic Orchestra and music director in Pharr South, Texas, where he spent his winters. Survivors include wife **Edith Smart Douglas**, AB '38; and son **Robert Douglas**, BJ '66.

Joseph Webber, AB '40, May 10 in University City, Mo., at age 75. He was an executive with Photo and Sound Co. in St. Louis before he retired in the 1980s, and a trustee and past president of the State Historical Society of Missouri in Columbia. Survivors include his wife, **Josephine Chasnoff Webber**, Journ '38. **Daniel Burris**, BS Ag '42, March 17 in Palestine, Texas, at age 76. He was a former soil conservationist and a member of the MU Alumni Association. Among his survivors are daughter **Joyce Burris**, M Ed '90, and a sister, **Annabell Burris Armstrong**, BS Ed '29.

Wyeth Hamlin, BS Med '42, June 3 at age 76 in Hannibal, Mo., where he co-founded the Hannibal Clinic. He was a member of the MU Alumni Association.

Homer Clay Tyler, BS BA '44, April 3 in

Jefferson City at age 72. He owned and operated the Apco gasoline distributorship in central Missouri and later was a real estate broker, developer and residential contractor.

J.B. "Jerry" Schnapp, JD '46, March 24 at age 73 in Fredericktown, Mo., where he was senior partner of Schnapp, Graham, Reid and Fulton. Schnapp, who practiced law for more than 47 years, was a trial specialist and an expert in mining law. He was a member of the MU Alumni Association.

Harry Edward Jannick, BS Ed '47, MA '49, May 20 in Jefferson City at age 75. He was an educator at rural schools for more than 25 years, before he retired in 1978.

Charles Overfelt, BS BA '47, of Kansas City June 8 at age 71. Overfelt owned his own accounting firm from 1964 to 1990 and he was a cattle rancher.

Rose Silkett Florea Holman, Educ '49, April 25 in Columbia at age 96. She was a schoolteacher. Survivors include son **Bruce Florea**, BS Ag '48, MS '64, PhD '67, a member of the MU Alumni Association.

Margaret Hustad Peery Thomas, MA '49, Jan. 7 in Portland, Ore., at age 80. She taught for two years at Columbia (Mo.) College. Among her survivors are son **David Peery**, BJ '64, a life member of the MU Alumni Association; and brother **John Hustad**, BS Ag '49.

Remus Wade James, BS Ag '51, of Ashland, Mo., April 16 at age 67. He was a program specialist for the Agricultural Stabilization and Conservation Service for 23 years and worked for the University of Missouri Extension Service for seven years. Among his survivors is a sister, **Dean James Baker**, BGS '82.

James Jackson Royce, M Ed '51, May 28 at age 68 in Sarcoxie, Mo., where he practiced family medicine from 1961 until he retired in 1991.

Barbara Ann Bunker Fuchs, Ag '52, June 9 in Columbia at age 62.

Mary Ella Hicks Tymony, MS '52, of Kansas City June 5 at age 99. She taught English at Western Baptist Bible College before she retired. Earlier, she was dean of students at Lincoln University in Jefferson City and a guidance counselor for the Moberly, Mo. school system.

Lynn McHarg, M Ed '53, April 16 in St. Joseph, Mo., at age 82. He was an educator and a coach for more than 40 years, and was director of N.S. Hillyard Technical School. Survivors include son **Patrick McHarg**, BS Ed '65, MA '66, a member of the MU Alumni Association.

Fredrick Lambert, JD '54, of Oak Grove, Mo., April 16 at age 78. He retired



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Delta doc finds niche

The town of Belzoni in Mississippi's Delta may be the catfish capitol of the world, but it's small enough that physician **Joe White** can't take a respite without also taking some good-natured ribbing when he returns. "I never go on vacation for more than a week at a time, but everybody in town knows I've been gone. They say I've abandoned them. There's a real sense of being needed when you practice in a small town," says White, AB '77, MD '85.

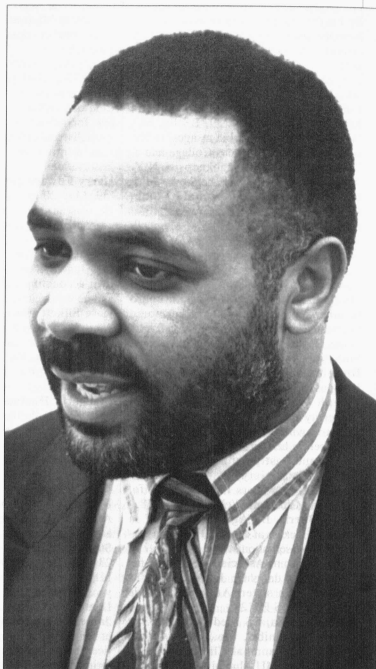
As a black physician in this predominantly black community, White finds a special level of appreciation. "It's like being in a big family — the Southern culture lends itself to that. The older women, for example, take a very motherly approach with me. Or, a patient may say, 'Hey, do you like pecans? Yes? Okay, I'll bring you some.'"

When prompted, White offers ideas on how practicing in a minority community compares with his training in larger and more mainstream settings. "The principals of practice are the same, but some problems are different. There are also some cultural differences, especially in relation to diet. I see a lot of obese patients, a lot of patients with heart disease, kidney disease, high cholesterol. There is a lot of stress in the black community coming from the way people live. We tend to have a strong physical expression in all that we do, whether it's in dance, in love, in play and even anger. Anger is expressed in physical ways, so we have the ravages of violence."

White's Christianity, the mainstay of his life, is also expressed in service to others. "The thing I get the biggest kick out of is working with the church here. I get a good deal of pleasure from leading the Bible study group at the county jail on Wednesday evenings." White also works with prisoners' dysfunctional habits and mindsets during those sessions. "They're a pretty hard group, but sometimes their faces will fool you. Toward the end of a session about a month ago, I gave an altar call for salvation. Everybody came — all 15.

"My wife and I felt we had a calling from God to come here, and so we came. We haven't experienced anything yet to indicate that we heard any voice other than His." —*Dale Smith*

During Black History Month Dr. Joe White spoke to MU medical students. "Why you're here," he said, "is more important than the fact that you are here."



in 1973 as a partner of Edwards, Markey, Ely and Lambert in Blue Springs, Mo. Among his survivors is son **Robert Lambert**, BS Ed '67, a member of the MU Alumni Association.

Helen Loud Jones, M Ed '55, March 24 in Fulton, Mo., at age 94. She was an educator and an elementary school principal.

Marion Lee Gesling, AB '56, March 8 in Vienna, Va., at age 60. He was a retired captain of the U.S. Navy and a real estate broker.

Lois Morris Grossman, BS Ed '56, May 11 in Paoli, Ind., at age 89. She was an elementary schoolteacher.

Edward Levine, BS BA '57, of Overland Park, Kan., June 11 at age 58. He was a certified public accountant for the Peter Newman firm for 10 years. He formerly was a partner at Grant Thornton accounting firm. In 1964 Levine was admitted to practice as a non-attorney before the U.S. Tax Court.

James Thomas Montague, M Ed '57, of Rulo, Neb., May 1 at age 64. He was superintendent of Forest City High School.

Thomas Dwight Jones, BS BA '58, of Columbia March 11 at age 68. He served in the Army Air Corps during World War

II and was recalled as a reservist in 1953 during the Korean War. He spent most of the next 20 years in the Strategic Air Command as a B-47 and B-52 pilot. During the Vietnam War he flew reconnaissance missions over southeast Asia and received the Distinguished Flying Cross and Air Medal with three oak leaf clusters for missions flown from 1970-1971. Jones, a member of the MU Alumni Association, retired from the U.S. Air Force in 1973 after 30 years of service. Survivors include his wife, **Jo Ann Johnson Jones**, AB '42, a member of the MU Alumni Association; daughter

Marthalyn Jones, AB '74, MD '79, a life member of the MU Alumni Association; and son **Bruce Jones**, AB '78, BS '93.

Roger Davidson, AB '59, of Arlington Heights, Ill., June 2 at age 57. He was president of the Amwell Corp. in Aurora, Ill., where he had worked for 25 years.

John Willer, M Ed '60, of Mexico, Mo., May 16 at age 77. Known as the "Music Man," he was director of music at Mexico High School from 1951 until he retired in 1977. The school's fine arts addition was named Willer Wirtz in 1993 in his honor.

Ellen Drew Wurtz Nelson, BS Ed '63, April 20 in Jefferson City at age 52. She was employed with Capital Savings and Loan before she retired.

R. Theodore Pohl, BS BA '63, April 13 in Town and Country, Mo., at age 53. He was general manger of Continental Surfacing Co. in west St. Louis County. Survivors include daughter **Tracy Pohl**, BJ '92; and sons **Scott Pohl**, AB '85, and **Jeffrey Pohl**, BS BA '77.

Clyde Burk, BS PA '64, of Independence, Mo., April 22 at age 83. He retired in 1970 as director of printing and publications for the General Services Administration in Washington, D.C. Survivors include wife **Frances Burk**, AB '63.

Robert Deis, AB '69, JD '72, of Huntington Beach, Calif., May 24 at age 46. He was a tax lawyer for the Bill Napp Tax and Accounting Co. in Huntington Beach. Earlier he practiced law in Kansas City and Platte City, Mo.

Gwendolyn Louise Ezell Williams, BS '73, March 14 in St. Louis at age 43. She was an elementary schoolteacher and coordinator of the Parents As Teachers program for the St. Louis public school system. Survivors include son **Joseph Williams**, MA '87; and sister **Janice Ezell Johnson**, BS Ed '72.

Eugene Heldridge Balof, PhD '75, of Tusculumbia, Ala., Dec. 28 at age 45. He was chairman of communications and teacher and professor of communications at

the University of North Alabama.

Roger Walter Rottmann, MS '76, of Gainesville, Fla., April 3 at age 43. He was the senior marine biologist at the University of Florida.

LT. Jg. Mark Allen Shipman, AB '92, May 23 in Virginia Beach, Va. He was commissioned in the Navy in 1992 and was last assigned to the U.S. Naval Base Legal Office in Norfolk, Va.

FACULTY DEATHS

Alice Irene Fitzgerald, BS Ed '38, EdD '60, M Ed '56. See alumni section.

Donovan Rhynsbarger Aug. 4 in Columbia at age 91. After coming to the University in 1925, he founded the theater department and was its director for 48 years. He also started the Missouri Workshop, the Intramural Play Tournament, the Missouri High School Drama Festival and the Purple Mask dramatics society. In 1983, University Theater was

Individuals sharing Thomas Jefferson's commitment to quality public higher education make up Mizou's Jefferson Club. Its members are dedicated to promoting interest in and support of the University. The Jefferson Club's newest members are:

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David W. Anslay JD '73 Carol D. Anslay Springfield, Mo.	Raymond A. Crain BS Ag '66, DVM '68 Grain Valley, Mo.	Shep Funderburk Joy Funderburk Columbia, Mo.	Donald W. Jones JD '64 Linda Jones Springfield, Mo.	Jean J. Madden BS Ed '50, MA '51 Elsie F. Madden Columbia, Mo.	Barbara P. Wallach Columbia, Mo.
J. Burleigh Arnold JD '55 Los Angeles, Calif.	Sam W. Cullison MD '75 Beth R. Cullison Monroe, Wash.	H. Bailey Gallison AB '48 Sharilyn Lemkuil Gallison MS '70 La Jolla, Calif.	Darrell Latham AB '75 Becky Tiemann Latham BS PA '75 Leawood, Kan.	Helen Black Maupin Mexico, Mo.	Tom Wiley Carolyn Willyhoite Willow BS Ed '64 Glenwood, Ill.
Gary A. Borgman BS Ag '67, DVM '69 Joy Trover Borgman MS '68 Kissimmee, Fla.	William O. Daniel BJ '50 Los Angeles, Calif.	James A. Heeter AB '70 Judith Stewart Jeeter AB '71 Shawnee Mission, Kan.	George W. Lehnen III BS BA '67, JD '69 Stacey Lehnen Richmond, Mo.	M. Gilbert Porter Georganne Barlow Porter MA '79 Columbia, Mo.	Montgomery L. Wilson BS Ag '49, JD '52 Irma Wilson Maryville, Mo.
William A. Bray BJ '48 JoAnne Bray Columbia, Mo.	Joseph Davenport III Judith A. Davenport Columbia, Mo.	Dean J. Hewitt BJ '52, MA '56 Alice Arntzen Hewitt BJ '53 Tulsa, Okla.	Garry L. Lewis AB '68, JD '69 Brenda Harper Lewis St. Louis, Mo.	Mark Rosenfeld MD '72 Maria Rosenfeld Shaker Heights, Ohio	Jackson A. Wright BS BA '40, JD '44 Edith Dalley Wright AB '42, JD '44 Columbia, Mo.
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G.W. Buckaloo Jr. DVM '72 Independence, Mo.	Elvin S. Douglas Jr. AB '55, JD '57 Harrisonville, Mo.	Larry Jinks BJ '50 Claire Jinks Saratoga, Calif.	James E. Lowe AB '48 East Hampton, N.Y.	Kenneth F. Scott AB '69, MD '72 Susan K. Scott Clinton, Mo.	Max D. Smith BS BA '58 Apple Valley, Minn.
William D. Calkins BS BA '68, JD '73 Priscilla Calkins Appleton, Wis.	John F. Ehlers BS EE '59, MS '61 Montecito, Calif.				

Jefferson Club

For more information on how you can join the Jefferson Club and invest in Mizou, write Thomas A. Vetter, MA '64, JD '64, chairman, Jefferson Club Trustees, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211, or call (314) 882-6516.

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Verna Mary Wulfekammer, BS Ed '26, MA '31. See alumni section.

BOOKS BY ALUMNI

On the Trail of the Desert Wildflower by **Hugh Crumpler, BJ '41**, combines the author's desert plant and flower lore with full-color photographs and describes some of his adventures in five of America's largest deserts: the Sonoran, the Mojave, the Great Basin, the Painted and the Chihuahuah. Published in May by HarperCollins West, San Francisco; 122 pp; 75 photographs; \$24.95 paperback.

The Seneca and Tuscarora Indians by **Marilyn Loomis Haas, AB '51**, is an annotated bibliography on both tribes and includes citations to journal articles, books, theses and government documents published up to 1992. Published in April by Scarecrow Press of Metuchen, N.J.; 465 pp; \$55.

What Americans Have Said About Freedom of Expression, by **Louis Ingelhart, PhD '53**, contains quotations throughout three centuries by Americans about freedom of expression, speech and the press. It includes viewpoints favorable to those freedoms by colonial pioneers, the Founding Fathers, the courts, religious leaders and writers. Published by the Newspaper Association of America Foundation, the Newspaper Center, of Reston, Va.; 200 pp; \$20.

Student Publications by **Louis Ingelhart, PhD '53**, covers legalities, governance and operation of the college student press. Published by Iowa State University Press, Ames, Iowa; 200 pp; \$21.95.

A User's Guide to Ellipsometry by **Harland Tompkins, BS '60**, describes a method that physicists, chemists and materials scientists use for measuring the thickness and optical properties of thin layers of insulators and metals. Published by Academic Press of New York City; 260 pp; \$59.95 hardcover.

Jesse James and the Civil War in Missouri by **Robert Dyer, AB '61, MA '66**, discusses the causes of the Civil War as they related to Missouri and reveals how the war helped create both the legend and the reality of Jesse James. Published by the University of Missouri Press, 2910 LeMone Blvd., Columbia, Mo. 65201.

Main Street: The Revolt of Carol Kennicott by **Martin Bucco, PhD '63**,

treats Sinclair Lewis' classic novel in historical, descriptive and critical detail. Published by Twayne/Macmillan; 144 pp; \$7.95 paperback; \$24.95 hardcover. *The Arabian Delights Cookbook: Mediterranean Cuisines from Mecca to Marrakesh* by **Anne Marie Weiss-Armush, BS Ed '67, MA '68**, introduces healthy dishes from the southern Mediterranean, the Arabian Gulf and the Fertile Crescent regions. Published by Lowell House; 314 pp; \$25 hardcover.

The Social Theory of Practices by **Stephen Turner, AB, MA '71, MA '72, PhD '75**, presents an analysis and critique of the idea of practice as it has developed in the various theoretical traditions of the social sciences and the humanities. Published in May by the University of Chicago Press; 160 pp; \$39.95 cloth; \$14.95 paperback.

Maud's House, a novel by **Sherry Gibbar Roberts, BJ '76**, is the story of a child prodigy who overcomes an artistic block with the help of her neighbors. Published in May by Papier-Mache Press of Watsonville, Calif.; 200 pp; \$18 hardcover. *Tracking the Vanishing Frogs: An Ecological Mystery* by Kathryn Phillips, MA '80, focuses on scientists who are trying to determine why many of the world's frogs and amphibians are declining in number. Published by St. Martin's Press.

Dancing to a Black Man's Tune: A Life of Scott Joplin by **Susan Curtis, MA '81, PhD '86**, recounts the life of the African-American ragtime composer and explores how Joplin's musical genius helped shape American culture. Published by University of Missouri Press, 2910 LeMone Blvd., Columbia, Mo. 65201.

Full-time job

Immediate opening for feature writer for *Missouri Alumnus* magazine and other MU publications. Qualifications include a bachelor's degree in English, journalism or an equivalent combination of education and experience. Two to three years in journalistic or public relations activities. Competitive salary, great benefits and smoke-free environment. Please submit an application for Senior Information Specialist, Publications and Alumni Communication, (lc31646), along with resume and writing samples by Sept. 30 to: University of MO-Columbia, Human Resource Services (MU), 201 S. 7th Street, 130 Heinkel Building, Columbia, MO 65211.

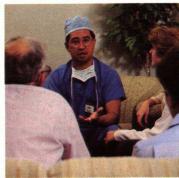
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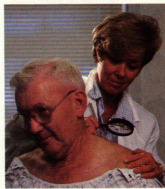
Dr. David Ota from M.D. Anderson Cancer Center brings leadership and vision as our new medical director — and joins a team of more than 25 highly qualified physicians.

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Today, there's a great deal of hope in treating cancer and restoring quality of life to cancer survivors. And Ellis Fischel Cancer Center is leading the way.



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	Association Member	Nonmember (check mailing label!*)	Total
T-shirt (white with black/gold Homecoming logo design) S _____ M _____ L _____ XL _____ Total No. _____	\$10	\$12	\$ _____
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WE NEED YOU ON OUR TEAM!

As we begin "Kicking Off a Whole New Ballgame!" at Mizzou this year, we need you as a member of the MU Alumni Association. Membership dues help support Homecoming events and your membership card entitles you to discounts at Homecoming events and many Columbia businesses. Please check your magazine mailing label to see if your membership is currently active. If you have any questions regarding Association membership, please contact us, (314) 882-6611.

Here is my membership and please send information:

- Life Membership
- University Club
- Athletic Tickets
- Association Committees
- Local Alumni Chapter
- Tourin' Tigers
- MU License Plates
(MO residents only)

Name _____ MU Student # _____
Home _____ Business _____
Phone (____) _____ Phone (____) _____ Fax (____) _____
Spouse _____ Spouse _____
Name _____ MU Student # _____

Indicate desired membership type:

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- \$45 Mr. & Mrs. annual (65 or older, \$30)
- \$20 Current Faculty/Staff annual
(Mr. & Mrs., \$30)
- \$15 Current Student annual
(Mr. & Mrs., \$22.50)

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Alumni Association

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WE NEED YOU ON OUR TEAM!

MU ALUMNI ASSOCIATION LARGEST FAMILY MEMBERSHIP CONTEST

Since its inception in 1911, a traditional part of Homecoming has always been to welcome family home to Mizzou. The "Largest Family" Membership Contest is designed to help us recognize and appreciate the strength of the MU tradition among our members and their families. As we begin "Kicking Off a Whole New Ballgame!" this year, we invite you to share your family's MU tradition.

Current members of the MU Alumni Association as of September 30, 1994, will be considered for contest purposes. Family members may include great-grandparents, grandparents, parents, sons and spouses, daughters and spouses, grandchildren and spouses, great-grandchildren and spouses and even great-great grandchildren and spouses.

Please complete the form below as clearly and completely as possible. Attach additional pages as necessary. Be sure to indicate one

family member as a contact person to provide additional information, if needed. To verify membership status for yourself and your family, or to receive a membership application, please contact the MU Alumni Association at (314) 882-6611. *REMEMBER: Anyone wanting to support MU and higher education can join!*

The "Largest Family" will be recognized during Homecoming Week 1994 and be the focus of a feature article in an upcoming issue of the *Missouri Alumnus* magazine. In addition, each member of the "Largest Family" will receive a complimentary Homecoming 1994 T-shirt.

Contest entries must be received no later than **Friday, September 30, 1994**. To enter, return this completed form to: "Largest Family" Membership Contest, MU Alumni Association, 123 Reynolds Alumni Center, Columbia, MO 65211.

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Name (first, middle, maiden, last)	Relationship (to family contact)	Student #	Degree/Year	City, State
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Family Contact

Name _____ Student # _____ Phone _____
Address _____ City _____ State _____ Zip _____

Verify your membership **HERE**—If your membership has lapsed, please use the form on the reverse side of this cover to join today!



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