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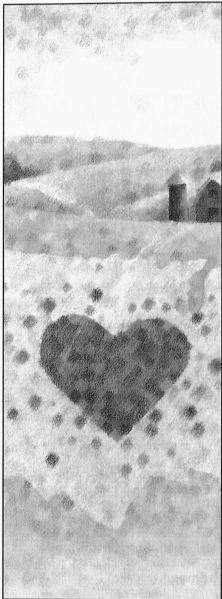
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The first major traveling exhibit of Greek art in the age of Homer opens at MU's Museum of Art and Archaeology. Then, the exhibit travels to Berkeley and Harvard.

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The Cover: These three pottery pieces from about 735 B.C. and excavated in Athens are just a portion of MU's collection of Greek art that will be on display Oct. 2 to Dec. 5. In the rear is a large wine jug, called an "oinochoe." The ceramic mug was so common during this period that it could be considered the Dixie Cup of ancient Greece. The ceramic box with horse ornaments on the lid is called a "pyxis." These objects were found in the graves of women and probably contained food as part of the burial ritual. The ornamentation on the lid is a clue that the box belonged to an aristocrat.

Joel Beeson photo



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University of Missouri-Columbia

- Big Eight undergraduate leader, according to the 1993 Gourman Report.
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- A member of the Association of American Universities.

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Volume 82 Number One

MISSOURI
ALUMNUS

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by the MU Alumni Association

4 MISSOURI ALUMNUS

Editor's notes



In 1990, a meeting between LBC members and George Walker, former executive director of the MU Alumni Association, led to more diversity in Homecoming events.

Eric Seals photo

At its July 29 meeting, the executive committee of the MU Alumni Association renewed its commitment to multiculturalism at the University of Missouri-Columbia and within the MU Alumni Association. The committee fully supports the Black Alumni Organization's involvement in the 25th anniversary celebration of the Legion of Black Collegians during the 1993-94 school year. Association volunteer Mark Miller, BS '78, MS '82, is leading the BAO effort.

The LBC celebration will recognize the past and will demonstrate current and future plans to improve the campus environment for minorities. Plans include an LBC Reunion Choir, a convocation to honor black students who were denied admittance, a lecture series and a history book. See our story on Page 14.

A few years ago, angry black students marched to the Alumni Center on Stadium Boulevard to protest a lack of Homecoming activities that appealed to minorities. Then-executive director George Walker promised to include more blacks among the Alumni Association national board of directors and invited black students to join the Alumni Association Student Board. "In the past, it's pretty much been a white, Greek bond," Walker was quoted as saying.

Today, because of LBC's efforts and the MU Alumni Association's listening, blacks and independents are represented on the Homecoming steering committee. I'm proud to say that on the communications committee, one of eight MU Alumni Association committees, people like Sonja Steptoe, AB, BJ '82, staff writer for *Sports Illustrated*, and Lewis Diuguid, BJ '77, Southland bureau chief for *The Kansas City Star*, among others, bring a fresh perspective to the 21-member advisory group that charts the course of the *Missouri Alumnus* magazine.

The LBC anniversary year offers similar opportunities for other alumni to get involved with Mizou and their alumni association. Miller, president of the Black Alumni Organization, would appreciate hearing from you if you'd like to help. His address is 123 Reynolds Alumni and Visitor Center, Columbia, Mo. 65211.

Leading the Homecoming parade are two prime examples. During the 1961 Orange Bowl in Miami, Norris Stevenson, BS Ed '61, M Ed '63, and Mel West, BS Ed '61, M Ed '69, were escorted from the country club where the post-game awards were held because of their race. This fall, MU's first black football players will lead the Homecoming parade as grand marshals.

If more black alumni were involved, that would mean a great deal to current students. They could come to know the shoulders on which they stand.

—Karen Worley

More alumni news

Being a Missouri alumnus for the past nine years, I always look forward to reading the *Mizzou Alumnus* magazine. I miss my days in Columbia, and the magazine is my link back to Mizzou.

But a thought struck me while reading the summer issue. The magazine is for Mizzou alumni. Why aren't there more stories and features about your primary audience? I feel that sometimes there is too much emphasis on happenings around campus, and that the main focus is lost.

I am so thankful for the education I received at Mizzou and the doors it has opened for me. I have made many important decisions in my life, but the one at the top of the list is attending the University.

Bill DiModugno, BJ '84
New York, N.Y.

Promoting abstinence

The summer issue hit a new low in college journalism in "CollegeTown '93." The article "Education and Erotica" outlines the seamy articles sold in a sex shop and assists the reader (as if those who want this garbage don't know where to find it) by giving the address. This arrogance on the part of journalists is amazing, showing no fear of God or man.

We are further incensed by the fact that on "Condom Day" last year at Mizzou, our son, a fourth-year medical student, attempted to give his time to teach sex education and was told that he could do that provided it was done entirely to the school's specifications, which meant that use of condoms had to be taught and that abstinence was laughable.

In our day, not so long ago as history unravels, it was considered a mark of honor to go to one's marriage bed undefiled. Young people today are taught that they cannot control their baser urges, an absurdity. If human nature has changed that much from then to now, it should be easy to document. So far, that has not even been mentioned.

Much more could be said. Suffice it to say, we are embarrassed that my husband, who earned a medical degree in 1963, myself, and our son graduated from MU.

Constance J. Berni, BSN '64
St. Louis

Editor's note: Dr. Robert McCallum, assistant dean of student programs at the School of Medicine, expressed regret that Constance Berni's son was told that abstinence was laughable. He suspects that the remark was the view of a particular student because it is not the view of the student organization or the School of Medicine.

A pat on the back

A salute to you as editor and especially to Terry Jordan for the piece on Dan Devine and post-graduate activities of Dan's great 1960 team. The article ought to help put athletics in proper perspective, which Devine seemed to do.

Your magazine came the same day as news of the death of Saul Pett, who would be my classmate of '40 if I hadn't made myself an academic redshirt, lightening my schedule to be a Columbia Associated Press correspondent for a year and a half.

I exchanged notes with Saul over the years, before and after both of us received precious journalism medals. I always regarded him as not only the best writer of our class or any class, maybe, and flattered myself that I might have been second best. At his death, I found that we were born on the same day, making him only the fourth person in 75 years I've ever encountered with that 3-18-18 label. Also, I guess, proving a point that Pisces might have had something on the astrological chart when it listed the writing urge as a tendency.

Again, good job with the magazine in general and in the piece that catches the spirit of the scholar-athlete program I began for the *St. Louis Post-Dispatch* and to which, then and now, Devine was a great supporter.

Bob Broeg, BJ '41
St. Louis

Editor's note: Saul Pett's obituary is on Page 64.

Mini mistake

In the summer '93 issue, you had a picture of Dan Devine directing a musical group identified as Marching Mizzou. One of the basic, fundamental Mizzou facts I thought "every true son" knew was the difference between Marching Mizzou and Mini Mizzou. For those not so enlightened maybe this will help:

- Marching Mizzou is large. Mini Mizzou is small.
- Marching Mizzou wears marching band uniforms (look for the white helmets). Mini Mizzou wears tux-like outfits.
- Marching Mizzou performs at football games. Mini Mizzou performs at bas-


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ketball games.

- Marching Mizzou marches. Mini Mizzou doesn't.

In the picture Devine is directing Mini Mizzou, not Marching Mizzou. No big deal, but it's worth mentioning.

Guy Schreck, BS Ed '74, M Ed '85
Warrenton, Mo.

Stand up and cheer

In recent issues I've read about different topics regarding our rivalries with KU. One topic I haven't heard about is the fan involvement (or lack of) at Hearnes Center.

When I go to Lawrence for the MU/KU basketball games, it never ceases to amaze me how loud it is there. Then I go to Mizzou and am disappointed by the lack of enthusiasm. When we make a great play, I feel like if I stand up to cheer, everyone around me will ask me to sit down.

The difference between other college arenas vs. ours is an issue of seating arrangements. Other schools have made a wise decision, and that was to put the students closest to the floor. Why don't we do the same? Let the students sit in A section and the alumni higher up.

Or how about replacing the seats in D section with private suites, complete with closed circuit televisions and all of the

necessary amenities? This would accommodate most of the alumni who don't cheer. Just think of the profits the suites could generate. Another benefit could be an added incentive for recruits and for students who are on the fence about which school to attend. Could school spirit be a factor?

Maureen Newman-Thompson, BS '83
Overland Park, Kan.

Seeking '69 Savitar

With this year's spring cleaning I found three *Savitars* I'd purchased while at MU. Unfortunately, they were from 1966, 1967 and 1968. None from my graduating year of '69. But, I'll keep looking. In the meantime, if any alumni would like to have these hardbacks, which are collector's items, especially since they are no longer an annual tradition, please contact me.

Susan D. Dunn, BJ '69
10332 Parkman Road
Silver Spring, Md. 20903

Recycled news

Thanks to Robert Cummings, AB '72, I am the second recipient of his *Missouri Alumnus*. After I read it, I pass this excellent publication on for others to enjoy. It is always good to see what's going on at

Mizzou. One immediately sees the high recognition of MU's accomplishments through its schools, faculty, students and alumni. This is great and as it should be.

On the other hand, we see a push to improve the athletic side of the University. Historically and even today, MU has excelled athletically, but the always-must-win trend concerns me. How one balances the two should be academics first and athletics second or what are the attrition and graduation rates. In order to win at all costs, are we helping the athletes or are we just using them as cannon fodder to detract from the University's real purpose, education? I see the same attitude at the University of Florida where I earned a master's degree.

F. W. "Rick" Culbertson, Ag '51
Tampa, Fla.

Professionally speaking

I advertise my eye-care practice in MU's *Professional Directory* in the *Missouri Alumnus*. (See Page 66.) As a result, the American Optometric Association published an article in its *Optometric Economics* magazine about my "innovative way" to add patients to my practice. The article features my ad and encourages other professionals to contact their alma mater for



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similar opportunities. I thought you might find it interesting that the *Missouri Alumnus* received national exposure.

Frank J. Bier, BS '79
Manchester, Mo.

Dog tales

One of my favorite Mizzou memories is of Tri-Pod. He was a lovable three-legged dog — kind of small and no particular breed. Tri-Pod was adopted by the entire campus, Columbia residents and eateries where he always got some goodies. He was always a part of pre-game activities at what is now called Faurot Field.

Haig Tororian, BJ '49
Marina del Rey, Calif.

Retiring down south

Enjoyed your "Columbia: A Great Place to Retire" in the summer issue. I first saw Columbia on a cold, snowy day in February 1946 and spent my first night there in the Daniel Boone Hotel. I received my degree in 1948 and then moved to Texas.

Since then, I calculate I have returned to the "gem of Missouri" at least 125 times, not for any special reason, but just that I have always enjoyed getting back. It really is a lovely city with friendly people and a special attraction all its own.

There is another major attraction in Columbia. It is a group of people who call themselves the POETS (P. On Every Thing Society). They are well-seasoned, well-educated, well-opinionated, and they can and do solve every problem of the world, the nation, the state and city almost every day over a few cups of coffee. One of their members is Jack Hackethorn, BJ '36, formerly jack-of-all trades for the Missouri Farmers Association before his retirement.

Waco, where I have lived for the past 44 years, is similar to Columbia, but it lacks in one area — those cold, miserably winters. Down here, we can and do play golf year round. Had it not been for the winter, I might have bolted in Columbia.

Clark W. Boyd, BJ '48
Waco, Texas

Ad adviser

The recent Chamber of Commerce ad appearing in the summer 1993 issue depicted MU's Student Health Center as an example of outdated medical care and possibly leaves a negative image regarding our current services. Granted, our exterior is still the same at Noyes Hospital, but internally we have made many changes. For one, we no longer operate an infirmary as the picture depicts. Second, since 1992, we have more than 50 new staff, among them alumni such as:

FALL 1993

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Cindy Luczak Allen, BSN '76, MS '82
Columbia

Wanted: lost class ring

I know it's a long shot, but I lost my MU class ring 31 years ago and was wondering if maybe someone just might know where it is. It is a large men's gold ring with a red stone with BS ME, class of 1961. I think it has my initials "LNC" inside the band. You can contact me at (206) 838-5059.

Larry N. Croswhite, BS ME '61

32226 44th Place S.W.

Federal Way, Wash. 98023

Editor's note: A person in Stamford, Conn., sent us a ring; unfortunately, it wasn't Larry Croswhite's. But if you are a member of a fraternity and have the initials R.A.W. or K.A.W. and can identify this ring as yours, we would be happy to return it.

The next generation

In 1967, five seniors, Nannette Bailey Noel, BS Ed '68, Barbara Anderson Dew, AB '68, Kathy Mitchell Borgmeyer, BS Ed '68, M Ed '72, Ruth Ann Wood Pitney, BS Ed '68, M Ed '72, and I moved from Wolpers Hall to an apartment at 305 College Ave. Wolpers Hall was then the new girls' dorm.

This year four of the five have sons or daughters at MU, and these students are living no more than one block apart. Rick Borgmeyer, a sophomore, is in Gillett Hall; John Pitney, a sophomore, lives in Wolpers Hall; and Tricia Noel and Becky Fennewald, both freshmen, live in Johnston Hall. The house at 305 College Ave. no longer stands, but the loyalty to Mizzou continues.

Mary Sue Fennewald, BS '69, M Ed '72
Martinsburg, Mo.

Mistaken identity

I was pleased to read my letter in the summer '93 issue. The only problem is that my son is Thomas Jr. and I am Thomas Sr. Since he is a writer (a real one), he will get all the blame.



Tom Conway Sr.

Tom Conway Sr.,
BS BA '58, JD '61
Annandale, Va.

A hot topic

In your fax poll report on eateries in the summer issue, I'm surprised that no one mentioned the Topic Cafe on Conley Avenue near the Shack. It was open all night, and you could get a good dinner for 50 cents back in the late '40s. In addition to those mentioned, there also was Wright's on South Ninth Street and if you really wanted to live it up, the Uptown Coffee Shop on East Broadway near the Uptown Theater.

As for memories, I once took an attractive young lady to a Sigma Delta Chi banquet at the Tiger Hotel. She got a spell of hiccupps so severe that we had to leave. No, we hadn't had anything to drink.

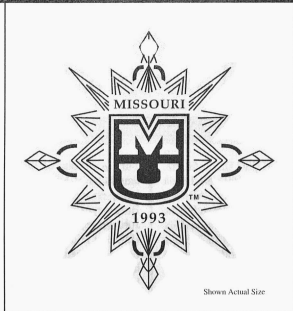
I like the articles about off-campus Columbia. I see several alumni magazines, and ours is the only one that does this. I have happy memories of Columbia. The magazine makes me homesick.

Albert C. Andrews, MA '48
Berea, Ohio

MISSOURI ALUMNUS 7

A 'MISSOURI' HOLIDAY

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Eatery critique

In answer to your fax poll in the spring magazine, here's my most memorable dining experience at MU. Before I went to college, my dining experiences were limited to the country-style food (catfish, fried chicken, country-fried steak) served in Missouri's Bootheel. At college I tried Mexican at Cafe de Monty and Chinese at an upstairs place on Broadway, and pizza — none of which was available in my hometown of Charleston, Mo.

I'm now one of the restaurant critics at the *Sun-Sentinel* in Fort Lauderdale, Fla. My full-time job at the paper is a copy editor on the features staff; restaurant reviewing is a happy sideline. I'm sure Columbia had something to do with the beginnings of my knowledge.

Oline H. Cogdill, BJ '74
Wilton Manors, Fla.

Fast food

One of my most memorable dining experiences at MU was the sit-in that the "barracks" students held in 1948 all night at Jesse Hall protesting cafeteria conditions. In 1949, we pigged out once a day at the Caf-A-Roll diner, featuring all you could eat for 75 cents, home style at a counter supplied by a conveyor belt from the kitchen. The restaurant went broke, I believe.

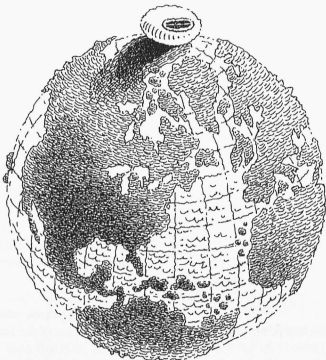
Allen B. Merritt Jr., BJ '51
Dyersburg, Tenn.

Corrections:

- Due to a reporter's error in the article "Retirees bank on a good time" on Page 40 of the summer issue, the information about special bank clubs for retirees on Boone County National Bank was listed incorrectly. The correct information is: Boone County National Bank, P.O. Box 678, Columbia, Mo. 65205; Retirement club — Sterling Classic; Director Kay Roberts; phone (314) 874-8585.
- Two other area banks have retirement clubs: Capital Bank, 2114 Paris Road, Columbia, Mo. 65202, attention Janet Larson, (314) 474-8411; and Boatmen's Bank of Mid-Missouri, 1800 E. Cherry, Columbia, Mo. 65201, Super Set Club, Director Dana Perkins, (314) 876-6381.
- On Page 4 of the summer issue, the degree of R. Scott Van Dyke of Tulsa, Okla., was listed incorrectly. He received a master's degree in civil engineering in 1961.

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

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FAXfacts

Here's the response from our fax poll in the summer issue. Mizzou alumni overwhelmingly favor returning Faurot Field to natural grass, and it looks like Dan Devine agrees. Plans call for a return to grass in '95. For more details, see the story on Page 37. Keep those facts coming. Turn to Page 23 for our next poll.

Grass = 107 reponses

The turf is a sobering reminder of leaner times for MU football. Unload the turf and some not-so-fond memories.

Eván R. Richmond, BS Ed '90, Columbia

I remember Greg Hill's great kicks on grass and getting a loose piece of turf as a child in 1972.

Dan Hoxworth, AB '82, Kansas City

And get in the Big 10.

Phil Thomas, BJ '74, Kansas City

We predict that Tiger football will improve when the grass is greener on our own playing field.

Patricia Hall Miller, AB '71, MA '72

John Michael Miller, BS Ag '71

Grass, grass, grass, grass, grass.

Mike Jones, BS Ed '65, M Ed '66, Lakeland, Fla.

No rubber grass.

Ritchie J. Davis, BS Ag '78, Adrian, Mo.

We never should have changed.

John H. Ochsner, BS EE '47, Crestwood, Mo.

What's wrong with the Omniturf? Some games it's as effective (or more effective) than our defense.

J. Christopher Long, sophomore, Indianapolis

I imagine that there would be plenty of Tiger fans who would be more than happy to bring their picks, shovels and grass seed to Faurot Field to return it to its original playing surface.

Jeff Parker, AB '86, High Ridge, Mo.

As I recall, MU was the last Big Eight school to spoil its football field with artificial turf. It's about time it was restored to its natural grassy glory.

Fred Lumsden, BS '70, MS '77, Houston

Nothing is more aesthetically pleasing (and I am sure, more comfortable to players) than a fall football game in Columbia played on lush green grass.

Ralph H. Duggins, JD '77, Fort Worth, Texas

No doubt about it.

Rich Wenk, BS BA '74, MBA '75, MS '81, St. Louis

Former major league baseball player Richie Allen once said that if cows couldn't eat it, he didn't want to play on it. I think a significant majority of football players feel the same way.

Kelly Dude, AB '72, BJ '74, JD '82, Colorado Springs, Colo.

Playing football on a green rug is: 1. hazardous to health, 2. arena ball outdoors, 3. missing the drama of mud, grass, stains and thumps, 4. un-American, and 5. well, artificial.

William W. Carpenter Jr., BS BA '48, Montgomery, Ala.

The current stadium environment is not conducive for good turf growth. However, I believe that a few cost-effective measures could be taken that would improve the turf environment.

Ted C. Fry, BS Ag '76, MS '93, Metamora, Ill.

"Every true son" should play football on green grass.

Jeán Kaste Kempton, BS Ed '59, Costa Mesa, Calif.

It is refreshing to see that the athletic department is strongly considering rectifying what I consider was a big mistake.

Darrell G. Hartley, BS CE '82, Cape Coral, Fla.

Thanks for asking. I hope a new, natural grass field will help reduce injuries.

Edward H. Barnes, BS BA '56, Prairie Village, Kan.

Dan Devine's presence back at MU is like a breath of fresh air. His enthusiasm for Tiger sports and academics is one of the things that makes us great. Keep up the good work. Go with the natural grass turf.

Mike Sportsman, BS Ed '69, Raymore, Mo.

I was opposed to the turf originally.

Elmer E. Fick, BS Ag '37, Trenton, Mo.

We gladly cast our votes for returning Faurot Field to grass. Best of luck to the Tiger football squad in the upcoming season.

Robert M. Bain, JD '91

Vincent M. Keil, BS ChE '88, JD '91

Kurt F. James, BS ME '85, JD '88

Paul L.J. Fleischut, BS '85, JD '90

Edward J. Hejlek, JD '81

Mike Godar, JD '75

Only Yankee schools have artificial turf. Missouri was a Confederate state.

John E. Pfaff, BS Ag '85, Waycross, Ga.

How about asking the most important people — the players? They're the ones who should make the final decision.

Maureen Newman-Thompson, BS '83, Overland Park, Kan.

Several Big Ten schools have replaced their artificial turf with Purdue University P.A.T. Natural Grass System, with good results.

William F. Sidiham, BS BA '50, Indianapolis

I'm tired of yelling "turf tackle."

Melodie Powell, AB '77, JD '81, Kansas City

Please change to grass, then we can see a halfback really cut.

Arthur W. Merrick, MA '52, PhD '54, Columbia

Why did they ever get rid of the grass in the first place?

Mia Paggi, BS BA '88, Montrose, Calif.

Let's restore Faurot Field to grass while Coach Faurot is alive to dedicate it.

Keith A. Nixon, BS BA '66, St. Louis

Build a field like Purdue's that drains very quickly and very well.

H.E. Barton, BS GE '59, Lemoyne, Pa.

Definitely favor grass. Artificial turf is awfully hard on the body.

William H. "Bill" Curtis, AB '59, Monte Sereno, Calif.

Grass will reduce injuries, give us a recruiting advantage and reduce the impact of teams with greater speed.

Donald Rudolph, BS AgE '79, Davenport, Iowa

We also need to greatly improve our defense — both the backfield and line.

Kent S. Wood, BS '74, Zionsville, Ind.

It is just not the same game without the grass-stained uniforms.

Todd R. Mathew, BS IE '86, Blue Springs, Mo.

There is nothing like a fullback staggering out from the bottom of the pile with a clump of sod wedged between his face mask and helmet.

Matthew J. Weston, BSF '90, Littleton, N.C.

It's ironic that we finally switched to turf about the time many schools had seen the light and rid themselves of the carpet. The misfortunes of the past decade are directly related to the wall-to-wall carpeting disgracing Faurot Field.

Steve Pinkerton, AB '83, Redondo Beach, Calif.

Is it coincidental that the "demise" of our football team and the installation of artificial turf came at about the same time?

Ted D. Ayres, JD '72, Topeka, Kan.

Beat their ass on natural grass.

Ed Grotjan, BS Ag '69, MS '71
Gayle Grotjan, BS Ed '71, Lincoln, Neb.

I played during the Warren Powers years, and there is no doubt that natural grass should be the playing surface.

Tom Bender, BES '86, West Bloomfield, Mich.

There can be no better way to improve Faurot Field than to remove the dreaded Omniturf and exorcise the demons that have haunted us the last several years.

Dean L. Cooper, JD '89

Mary C. Cooper, BHS '86, Hinesville, Ga.

The game of football was intended to be played on natural grass, not concrete.

Gregory M. Weiss, BS Acc, BS BA '89, Independence, Mo.

The first Mizzou game I ever saw was Missouri vs. Oklahoma in 1969. Missouri beat Oklahoma 44-10. Steve Owens, the Heisman trophy winner, fumbled on a kickoff and Mizzou scored six. The game was played on grass. Let Dan Devine make the decision. If Dan wants us to play on the surface of the moon, that's OK with me.

Mike Doak, BS Ed '76, M Ed '80, EdSp '81, Lee's Summit, Mo.

Be bold. Bring back the old.

Todd Storm, BHS '87

Jeanne M. Sachs-Storm, BS BA '89, Baton Rouge, La.

Bill McCartney, BS Ed '63, then won't have an excuse for his team's poor performance.

Emory Jackson, BS Ed '63, BS BA '66, Chesterfield, Mo.

☑ Artificial turf = 4 reponses

Haven't we spent enough money trying to grow grass on that sinkhole called Faurot Field? If Virgil Spurling couldn't grow grass on it, the man who can is yet to be born. And wasn't our present artificial turf promised to cure all the problems? What did Oklahoma do to correct that hunchback red clay mudhole there, or does it still exist? Let's keep what we have. If players don't want to play on it, tell them to stay home.

Elmer J. Weber, BS BA '29, St. Louis

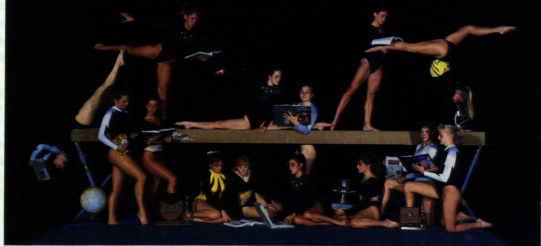
I spent four years with the usual mud-grass field, and I prefer artificial turf.

Woodrow "Woody" T. Hatfield, BS Ed '34, MA '39,
Webster Groves, Mo.

I always told my friends that when I died I wanted to be buried in the north end of "Far-out" Field where Marching Mizzou's bleachers once stood. It was there, as a member of the band that some of the most memorable moments of my life took place. The field was natural grass then. However, the notorious Omniturf made that idea impractical. Digging through artificial turf and asphalt could get a little costly. I vote for artificial turf, as long as it's not Omni, for the band's sake. In '74 there were three games when the band wasn't allowed on the field because of muddy conditions. With artificial surfaces, halftimes and pre-games are never cancelled, and the band can use it for practice at certain times. I will miss the Omni tackles though.

Guy Schreck, BS Ed '74, M Ed '85, Warrenton, Mo.

BALANCING ACADEMIC AND ATHLETIC VALUES





1993 Missouri Tigers

The gymnastics team consistently ranks near the top of all Mizzou athletic squads in scholastic performance. On the floor, from left to right: Melissa Clark, Kim Marriot, Sara Alexander, Christine Harkey, Jen Hillman, Sarah Cooper, Jessie Krull and Jenny Schmidt. On the beam, from left to right: Amy Beachum, Andrea Connor, Amy Johnson, Kellie Copeland and Kim Leslie. Standing behind the beam: Leah Hicks.

3 YEAR SHAKESPEARE FESTIVAL WINNERS

Congratulations to these Big Eight Champions!

-  Kellie Copeland, 2nd Place All-Around and NCAA National's Qualifier
-  Christine Harkey, 4th Place All-Around
-  Leah Hicks, 5th Place All-Around
-  Kudos to Leah Hicks and Christine Harkey, who tied for 1st Place in Floor Exercise.
-  1993 New school records set: Uneven Bars, Balance Beam and Floor Exercise.



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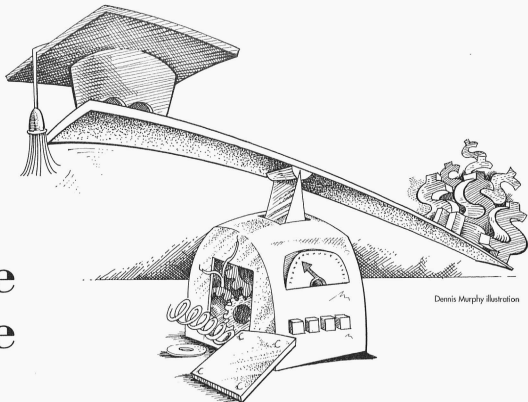
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Why college costs rise and rise and rise



Dennis Murphy illustration

By CHANCELLOR CHARLES A. KIESLER

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Any parent who lies awake wondering how to put a son or daughter through college must wonder why the cost is rising so fast — to \$25,000 a year at elite private colleges and universities, to \$8,000 even at a state-supported institution like mine.

If society is to control the rising cost of higher education, it is important to understand the answers. But most lawmakers and policy makers are misled by standards of measure that betray an inadequate grasp of the financial challenges we face, especially at major research institutions.

Even people who sound sophisticated about education costs insist on comparing them with the Consumer Price Index; they seem unaware of a more valid gauge, the Higher Education Price Index. Even this index understates the problem.

To have a good price index, economists need a "market basket" of products or objects that remain constant. The education measure is made up of indices related to faculty, technical and staff salaries, the costs of energy, etc. The items it measures and the weight of its separate indices haven't changed since 1983.

But for just that reason, the index does not take account of the fast-changing circumstances in which colleges and universities find themselves. Though it

has run 25 percent ahead of the Consumer Price Index over the past decade, the Higher Education Price Index drastically underestimates the institutions' true costs of doing business — costs over which the institutions often have no control. Consider a few items.

Need-based student aid. University dollars spent on scholarships based on need have soared in the last few years. At Vanderbilt, where I was provost, such aid has gone from \$3.8 million to \$14 million in eight years. Such aid goes up when tuition does. But it would rise even if tuition were constant: Increases in the cost of food, housing and books directly affect financial need.

Diversity. Four-year colleges and universities increased their minority enrollment by 36 percent in the 1980's, almost three times as fast as overall enrollment. Minority students tend to be less affluent, and more aid is necessary to attract and keep them.

Libraries. Universities are moving rapidly toward the electronic library of the future, involving an investment of millions of dollars. This is not reflected in the index.

Changes in federal relations. To save money and crack down on abuses, the Government is changing the way it reimburses universities for the indirect costs of research. This costs the leading

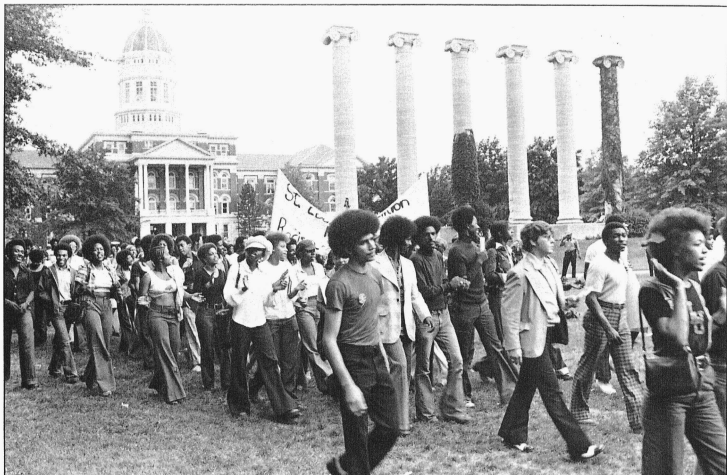
institutions millions of dollars a year. None of this is reflected in the index.

Cost-sharing in research. Since World War II, the Government has paid the full costs of basic research in universities. In recent years, pressure has been put on the institutions to share the costs, direct and indirect.

Technology. The leading universities are under great pressure to be on the cutting edge of technology, not only in research but also in the classroom. Institutions that replaced their computers every 10 years now try to replace them every two years. This change is not reflected in the index.

Deferred maintenance. During the high inflation of the 1970's, almost every university tried to put off non-critical spending. Most made the mistake of postponing needed maintenance and repairs. Now those costs are coming home to roost. But they are only partly mirrored in the index.

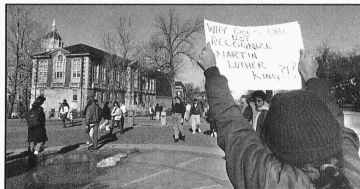
The Consumer Price Index should never be used in discussing the costs of higher education. The Higher Education Price Index, produced by a private organization called Research Associates of Washington, is not much help. We need a new or drastically changed index that reflects the true costs of doing business, not just the price of constant products.



In 1974, more than 700 students protested the lack of minority faculty on campus. By 1978, the number of black faculty was 21 or 1.4 percent of the total number. Today 2.6 percent or 38 members of the faculty are black.

University of Missouri Archives

Alumni group sponsors celebration highlighting the **Silver anniversary of black student leadership**



In 1989 students gathered at Speakers Circle near Ellis Library to challenge the University to recognize Martin Luther King's birthday. Since 1991, the holiday has been celebrated campuswide.

Columbia Missourian photo

For 25 years, the Legion of Black Collegians has helped create a multicultural atmosphere at MU. To commemorate LBC's achievements, the Black Alumni Organization is

sponsoring a yearlong celebration of the black experience at MU.

On Oct. 16, former members of the LBC Gospel Choir will join with current members and students from Lincoln University to perform before the Homecoming game. That evening, the LBC Reunion Choir will hold a benefit

performance in Jesse Hall for the Black Alumni Scholarship Fund. Organizing the choir is Ladell Flowers, BS Ed '74, M Ed '76, of Kansas City, the choir's first leader.

To honor the students who unsuccessfully applied to MU from 1935 until the first black student was admitted in 1950, the BAO is sponsoring a convocation the morning of Oct. 17 in Jesse Auditorium, followed by a brunch in the Donald W. Reynolds Alumni and Visitor Center.

"The celebration of LBC's 25th anniversary marks a turning point in the history of the African-American experience at MU," says Chancellor Charles Kiesler. "I am committed to a campus environment that is fully conducive to success for all our students and provides

a supportive environment where all voices will be heard. I appreciate BAO's leadership in organizing what will be one of the most significant occasions in the history of the University and call on all members of the MU family to join in as we pledge to learn the lessons of the past as we chart progress for the future."

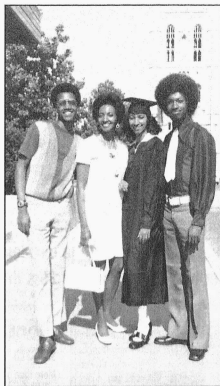
Throughout the year, a lecture series will feature prominent African-American scholars in a variety of disciplines. Sponsored by many of the schools and colleges and the provost's office, the series is being coordinated by Dr. Sundiata Cha-Jua, director of black studies. A schedule of the speakers for the entire series will be available this fall.

People throughout campus have joined in to research the contributions of black students at MU. For more than a year, dedicated volunteers have collected photographs and recorded interviews with alumni, students, faculty, staff and members of the Columbia community. The results of this research will culminate in several projects in 1994. A radio series on the African-American experience at MU will feature the oral history interviews. The tapes will be available for radio broadcast and for purchase.

To further aid researchers, the Western Historical Manuscript Collection of the State Historical Society of Missouri has joined forces with the BAO. The groups' goal is to collect documents, letters, photographs and other materials from every black student who attended MU. The material will become a permanent collection that can be used by scholars, researchers and the general public.

The BAO plans to publish *The African-American Experience at MU*, a history book showcasing photos collected from students and local organizations. The commemorative projects have special meaning for the members of the alumni organization that is sponsoring them. "There comes a time to pause and reflect on the struggles and accomplishments of the past and to make sure these people are recognized," says Mark Miller, BS '78, MS '82, BAO president. "That's why we decided to celebrate the 25th anniversary of the Legion of Black Collegians with a variety of events that will recognize the history of the black experience at MU."

For additional information, write to the Black Alumni Organization, 123 Reynolds Alumni and Visitor Center, Columbia, Mo. 65211, or call (314) 882-6611.



The Nelsons gathers for the graduation of Julie Nelson Middleton, BS Ed '71. From left are brother Stephen, mother Bertha and brother Mashon. Julie is working on a doctorate in educational administration at MU and is married to law Professor Mike Middleton, AB '68, JD '71.



The Black Culture Center is where many students go to socialize. Here, Kimberly Simmons, a junior in marketing, and Darryl Swint, a senior in journalism, take a break from studying in February 1993.

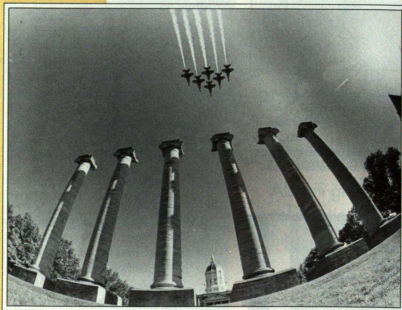
Columbia Missourian photo

Black history at MU

- 1936 Curators deny Lloyd Lionel Gaines application for admission to MU's School of Law.
- 1950 Gus T. Ridgel is the first black student to enroll at Mizzou where he earns his master's degree in economics with honors in 1951.
- 1956 Basketball player Al Abram Jr., B&PA '60, breaks the color barrier in Mizzou athletics.
- 1968 LBC is founded to create a better climate for black students on campus.
- 1969 Dr. Arvath Strickland is MU's first black professor.
- 1971 MU establishes the Black Culture Center at 511 Turner Ave.
- 1972 LBC charges that MU has been discriminatory in its recruitment of black students. The University responds with efforts to improve minority recruitment, increasing the number of black students from 375 in 1971 to 655 in 1974.
- 1977 Dr. Carolyn Dorsey is hired as the first coordinator of the black studies program.
- 1979 The Black Alumni Organization is formed to help meet the needs of MU's minority students and black alumni.
- 1982 Clyde Ruffin, now chairman of the theater department, establishes MU's Black Theater Workshop.
- 1988 LBC organizes its own festivities to protest the theme of Homecoming, "Show Me Ol' Mizzou," which reminded the group of a past that was not supportive of black students. As a result, black students begin to apply for membership on the MU Alumni Association's Homecoming steering committee and have served each year since.
- 1989 The Black Alumni Organization awards its first scholarship and holds minority recruitment dinners in St. Louis and Kansas City.
- 1991 MU officially recognizes Martin Luther King Day for the first time.
- 1992 By a campuswide election, students vote to augment LBC funding by an increase in student activity fees, which should raise more than \$17,000, up from \$2,378 in 1992-93.
- 1993 The Law School dedicates the walkway at Hulston Hall to Gaines' memory and establishes two \$9,000 scholarships in his name.

College

I'll never have another chance to do this, so I said 'What the heck', — Dennis DePugh, an MU senior explaining why he decided to jump off the I-70 bridge near Rocheport, Mo., after having just swum across the Missouri River May 28.



Fly over

The Navy's Blue Angels fly over Francis Quadrangle before the annual Memorial Day air show at Columbia Regional Airport.

© David Telzer photo



Toys & more

The I-70 and Stadium Boulevard area, already buzzing with traffic from Columbia Mall, the Holiday Inn Executive Center, Biscayne Mall and the K-Mart Plaza, is about to become even busier.

Around Christmas, Toys 'R' Us is scheduled to open as the first store in the new Columbia Plaza Shopping Center, located on the site of the former State Farm Insurance regional office at 2000 I-70 Drive SW. Four other stores in the 90,000-square-foot strip are scheduled to follow next year.

Raul Walters Properties of Columbia, a co-developer of the center, is mum on the other tenants, saying those businesses will make their own announcements. The rumor mill puts the Gap, which offers casual clothing for young men and women, and T.J. Maxx, which sells name-brand clothing at discount, as two of the stores.

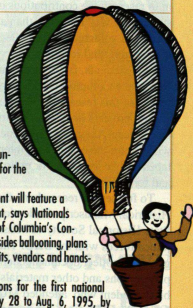
Just south of the new shopping center, controversy brews between developers and a local church about a smaller retail strip. Our Lady of Lourdes parish contends that the strip would be too close to its church and elementary school. The city Planning and Zoning Commission has recommended that the City Council deny the rezoning request. The council was expected to vote on the issue in August.

Floating high

More than a breath of hot air will fill the skies when the U.S. National Hot Air Balloon Championships come to Columbia for three years starting in 1995. The top 100 balloonists in the country will be competing to qualify for the World Championships.

Each day of the 10-day event will feature a variety of family entertainment, says Nationals Coordinator LaDonna Wymer of Columbia's Convention and Visitors Bureau. Besides ballooning, plans include carnival rides, art exhibits, vendors and hands-on activities for children.

Columbia began preparations for the first national competition, scheduled for July 28 to Aug. 6, 1995, by holding the regional Show-Me Balloon Classic in August at Cosmopolitan Park.



Road check

Tiger football fans traveling east on Interstate 70 and north on U.S. 63 may want to start a little early for the first few games. The flood waters have pushed back maintenance to the I-70 bridge at Rocheport, Mo. The west-bound lanes won't be affected, but east bound will be one lane only. The status of Highway 63 north of Jefferson City at this time is unknown since it was still underwater at press time. However, the highway department plans to get it back in shape as soon as the flood waters recede. In town, because of work at West Boulevard and Broadway, fans might want to take the Providence Road exit from I-70 to go downtown before the game.

TOWN '93



Family feeds

Come on along for another College Town restaurant roundup. This tour takes us to the stylish Green Meadows neighborhood, where we find the Big Eight, managed by Ali Hamrah of Hayden House fame. Big Eight at 10 W. Nifong is billed as a sports bar and grill for families.

The pool-food-drinks-family atmosphere continues nearby in Rock 'n' Roll Billiards and Blue Cactus Cafe, scheduled for completion in October at Peachtree and Providence service road. In addition to splitting some expenses, the two share a wall as well as a hole in the wall where Mexican cuisine can be passed to hungry pool players.

Quenching a thirst for knowledge

Columbia newest bookstore has a hot seller. Customers at Tiger Tales Book Store can sip espresso or cappuccino in any of 12 flavors while browsing through more than 15,000 titles on display. And for dunkers, Italian biscotti are available along with steamed milk, gourmet teas and hot chocolate.

The family-run business in the Rock Bridge Shopping Center at 503B Nifong Blvd. has a display of regional books including several by MU professors. The children's book section is the largest in the area, says manager Kevin Goodwin, BGS '89. Also for the younger set, the store holds a story time each Saturday.

Homemade-style bread and pizza

If you like the smell of freshly baked bread, you're in for a treat at Ellis Bakery, 1400 Fellows Place.

Owner Randy Davis says he intended it to be a wholesale bakery, with commercial customers such as restaurants and supermarkets. He listened to some of his friends who tasted his offerings and urged him to open the business to retail customers.

Today one can taste several kinds of bread including french, sourdough and multigrain, along with dinner rolls, brownies and cookies. Although many of Davis' retail customers stop in on their way to and from work, the lunch time trade also is brisk because of the nearby University Hospitals and Clinics, he says.

The business is behind the Campus Inn in a former pizza palace. To keep the pizza tradition going, Davis and his wife, Karen, say this family-run business will be offering made-to-order pizzas using dough that he has developed for his European-style breads.

Six-pack attack

Columbia soon may be awash in a sea of suds if plans to open three brew pubs come to a head. These potential purveyors of barley beverages

A 'sole' store

Lured by neon lighting, customers are sampling tasty styles at the Shoe Diner, which opened in April in Columbia Mall.

At this women's shoe store, which is modeled after a 1950s-style diner, you may sit in a pink booth and try on suede sandals, three-inch leather platforms, multicolored cowboy boots or casuals with a peace-sign buckle. Owner Phil Lodholz, Arts '90, says the Shoe Diner carries more than 400 styles ranging in price from \$29 to \$69. "The retail shoe business is tough, and I thought the 1950s-diner approach would be unique," he adds.

Business has been brisk, and men's shoes will be added this fall. "People had warned me that Columbia might be too conservative a community for a store like this," Lodholz says. "But people like to look nice, no matter where they live."

Hall's return engagement

The historic Hall Theater, a downtown entertainment spot for half a century at 100 S. Ninth St., is nothing more than a flickering memory of an old movie and a vaudevillian's one-liner.

Owner Max Gilland has converted the theater, built in 1916, into a minimal and moved in his Bermuda Gold jewelry store as the first retailer. Eventually, Gilland says a restaurant may locate on the renovated first floor. Offices and shops are planned for the remainder of the building.

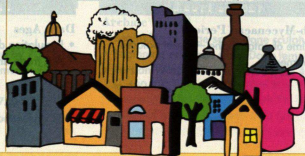
Other than the distinctive stone facade, little remains of the Hall's previous life as a showplace for vaudeville and movies, although renovators have uncovered old movie posters and pieces of the once-grand interior decor.

The Hall closed as a movie theater in 1972. Since then it has passed through several owners.

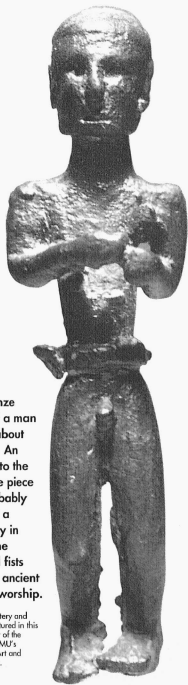
hope to tap into the national craze for microbreweries, which produce and sell handcrafted beers right on the premises. Before the end of the year, Peter Griffard, BS '92, hopes to roll out the first barrel of Tiger Tail ale, brewed at his

Columbia Brewing Company on the edge of campus at 803 Elm St.

Just a few blocks away, in an old warehouse at 115 S. Fifth St., a group of investors headed by Marty Galloway expect to open their Flat Branch Brewery. Located near Columbia's MKT Trail, the Flat Branch pub will offer customers potables like Blind Boone Bitter and Switzer's Special Ale. And partners Erik Lomo and Lance Lierheimer are looking for a downtown location to brew up their "Loheimer" brand of beers and ales that Lomo says will have "a Columbia point of view."



MU's pioneering art exhibition is **Homing in**



This bronze statue of a man is from about 700 B.C. An offering to the gods, the piece was probably found at a sanctuary in Crete. The clenched fists were an ancient pose of worship.

All of the pottery and sculpture featured in this article is part of the collection of MU's Museum of Art and Archaeology.

LIn a way, a riddle will be on exhibit this fall at Mizzou's Museum of Art and Archaeology. The clues might be found in the painted pottery and bronze sculptures, in the jewelry and artifacts that make up this exhibition of ancient Greek art.

After four years of meticulous research and planning, "From Pasture to Polis: Art in the Age of Homer" will showcase 101 works of art from 26 American museums, including many from MU's rich collection of preclassical Greek art. It will be the first major traveling exhibit ever to focus on this period — from 1000 to 700 B.C. — a time when Greece struggled back from its own dark ages with brilliant advances in art, commerce and government that set the stage for Western civilization and art.

Many questions remain for scholars to sort out. What led to the destruction of the Bronze Age civilization in Greece? Whose armies sacked the glittering palaces of mythical Greek kings like Agamemnon more than 3,000 years ago?

Are the legends true; did Agamemnon and his allies actually conquer the city of Troy? And what caused the breakdown of Greek society and led to the dark ages that stretched for centuries after the Mycenaean period?

Scholars have uncovered evidence that suggests the period from 1200 to 1100 B.C. was a time of tragedy for Greece. Trade with neighboring countries was shut off. The population may have plummeted by as much as 90 percent. The quality of pottery and art dwindled.

"We're trying to discover what society was all about, what was going on in daily life," says Dr. Susan Langdon, the museum's adjunct associate curator of ancient art and exhibition curator. "Pottery can be one of the best pulse points of society; it's something that everyone had to have. You can tell a lot about the general spirit of the society by looking at the pottery."

"The pottery from the Mycenaean palaces probably was produced by professional artisans. It was shipped and traded around the Mediterranean world. In the dark ages the quality declined; it looks like production was in the hands of amateurs."

Much of the art work in the exhibit is from 800 to 700 B.C., and documents the reflowering of Greek life. The pottery shines with skilled craftsmanship, mathematically precise patterns and decorations. "The best works are so perfectly done, they almost look machine-made," Langdon says. There's also a military flavor to many of the pottery paintings — chariots, warriors and battle scenes. "That's one of the great questions of the period. Were they occupied with military problems?" she asks.

"This is rather a rare period for a museum to have art from. The big finds were in Athens at the turn of the century, and much of it went to European museums and collections. In this country there are few great holdings of art from this period."

1450 to 1200 B.C.

- Mycenaean Period (Late Bronze Age)**
- Trojan War about 1200 B.C.

1200 to 1100 B.C.

- Sub-Mycenaean Period**
- Time of catastrophe — great palaces burned

1100 to 800 B.C.

- Dark Ages**
- Population drastically reduced
 - Art, trade and commerce diminishes

on ancient Greece

BY JOHN BEAHER

Much of the exhibit is made up of painted pottery and small bronze sculptures. There are bronze-headed spears, spiral earrings of gold, small sculptures of gods and goddesses, amber beads from the northern Baltic area and an iron knife, excavated from a tomb on Cyprus.

This period of renewal in Greek history is marked by many accomplishments. It was the beginning of the "polis," the Greek city state. During this time the great Panhellenic sanctuaries to the Olympian gods were established, and the Greeks borrowed their alphabet from the Phoenicians. There was a rebirth

This amphora dates from about 725 B.C. and was found in Athens. It was used to bury human ashes. The painted battle scenes are clues to the owner's high social status.

Jeff Wilcox photos

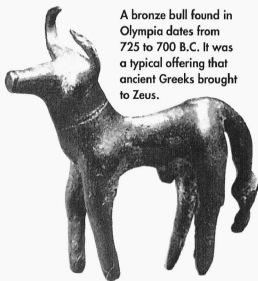


of art, renewed contact and trade with foreign lands and the beginnings of Greek colonization around the Mediterranean.

It also was a time when the great tradition of Homer and his epics, the *Iliad* and the *Odyssey*, galvanized Greek civilization. "The poems are very fundamental in forming the culture we know as Greek. His work had a profound influence on that period and over the next several centuries," Langdon says. "Greeks saw Homer as sort of the father of their culture. The art reflects that. Again and again, the artists base their work on mythological heroes from Homer."

The exhibition is not simply a display of artifacts, says Dr. Morteza Sajadian, museum director. It explains the cultural transformation that was under way. "This project is significant academically because so little has been said about this period and the art from this period. It really is a pioneering project," Sajadian says.

Funded with grants from the National Endowment for the Humanities, the National Endowment for the Arts and the Museum of Art and Archaeology's membership group, Museum Associates, "From Pasture to Polis" will be an intellectual resource for the entire state. As the organizing institution, the museum will premiere the exhibit Oct. 9 before opening in museums at the University of California-Berkeley Jan. 19 and at



A bronze bull found in Olympia dates from 725 to 700 B.C. It was a typical offering that ancient Greeks brought to Zeus.

Harvard University April 23.

MU will sponsor a national symposium Oct. 23 that will bring together internationally known scholars to discuss current thought and controversial issues in the study of this period. In addition, classes in disciplines from all around campus will use the exhibit to explore different aspects of the time. Columbia Public Schools are working with the museum to include the exhibit in their curriculum this fall.

"This period is a wonderful one to study, partly because there are so many controversies," says Langdon. "When you get all these works of art together in a room, it's like having a conversation with them." ☐

800 to 700 B.C.

Geometric Period

- Period of rebirth
- Greek city state established by 700 B.C.
- First recorded Olympic games in 776 B.C.
- Greek alphabet invented 750 B.C.,
- Homeric epics composed between 750 and 700 B.C.

700 to 480 B.C.

Archaic Period

- Beginning of large-scale stone sculptures
- Beginning of classic stone Doric temples
- Persian Wars close the period from 490 to 480 B.C.

480 to 300 B.C.

Classical Period

- Golden Age of Athens
- Parthenon dedicated 437 B.C.

Running on sunshine

STORY BY ERNIE GUTIÉRREZ
PHOTOS BY ROB HILL

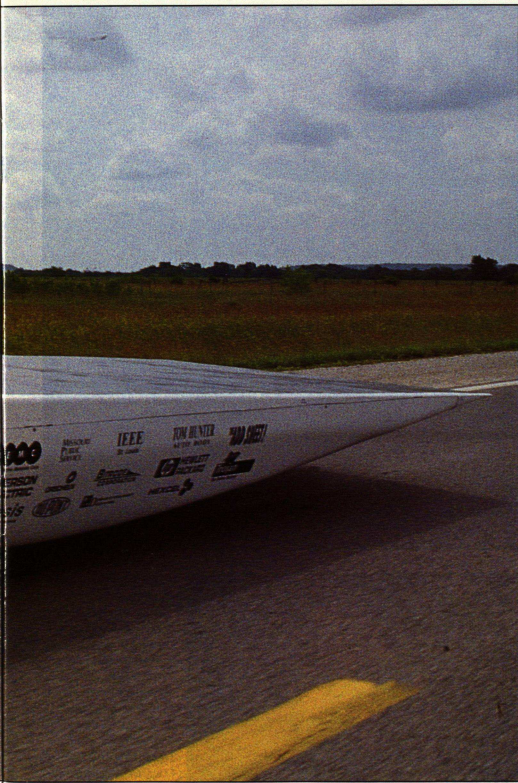


Top, the SunTiger cruises down Highway 69 on its way to Kansas City. Inset, Sol Survivor, Rolla's entry in the race, steps aside as SunTiger forges ahead.

The cheers coming from the three-car caravan could be heard across the sun-drenched rolling plains of western Kansas. "Make sure you get a photo of this," said Dan Duffield, driver of the lead vehicle, as MU's SunTiger passed Sol Survivor, the car built by a team from the University of Missouri-Rolla. This was to be one of the few highlights

of the fourth-day of Sunrayce '93, a biennial race for solar-powered cars.

Later that day, as the cars made their way from Fort Scott, Kan., to Cameron, Mo., SunTiger would be hampered by cloudy skies, road construction, rain and high winds as it made its way to Kansas City for a compulsory 15-minute midday stop. These weather conditions,



- Average qualifying speed:** 43 mph
— the fastest first-generation car.
- Average Sunrayce speed:** 13 mph.
- Weight:** 1,113 pounds.
- Dimensions:** width 6.6 foot; length 19.7 foot; height 3.3 foot.
- Motor:** 8 hp, electric.
- Solar cells:** 760 cells converting a maximum of 1,050 watts.
- Batteries:** 16, storing a maximum 4,992 kilowatt-hours.
- Chassis:** Carbon fiber and Nomex composite unibody.
- Brakes:** Three-wheel hydraulically activated disc brakes.
- Wheels:** single-hubs bicycle rims and tires in front; single, split hub, bicycle rims and tires in rear.
- Cost:** \$51,000 excluding in-kind contributions.

Sunrayce '93, the fastest solar car in the race...
 the fastest solar car — and I hope...
 the threat of hail and thunderstorms,
 occurred four of the seven days of the
 June race from Dallas to Minneapolis.
Sunrayce '93

This international, intercollegiate race
 sponsored in part by the Department of
 Energy, General Motors Corp. and the
 Environmental Protection Agency, tested

the engineering, weather forecasting and
 strategic abilities of the 34 teams that
 started the race. It is run mostly over
 two-lane state roads that remain open to
 normal traffic during the race.

And, like the tortoise in the fable,
 running the fastest is not always the way
 to beat the hare. Because of cloudy skies
 on the first two days, the SunTiger team

The route



Sunrayce '93, started in Dallas on
 June 20 and ended in Minneapolis a
 week later. In between were stops at
 Ada, Okla.; Tulsa; Fort Scott, Kan.;
 Cameron, Mo.; Des Moines; and
 Albert Lea, Minn.



Top, frantically working in the last days before the race, team members ready SunTiger in an engineering lab. Above, a custom-made aluminum hub is modified. Right, Mike Kuehnel, BS EE '93, autographs a program for Jordan Lile, 6, of Cameron.



found itself almost out of electric power on the third day and opted to stop for six hours in a sunny spot in Oklahoma and take a penalty (four minutes a mile) for being towed to the finish line in Fort Scott.

Timing makes a difference

"Race strategy is critical. We knew that it was more important to recharge our

batteries than to limp in without electricity," says Dr. Richard Wallace, assistant professor of electrical and computer engineering and co-adviser of the team. "Even with the penalty, we were able to gain on some teams." And even though they were entitled to start in the 19th spot in

Fort Scott-to-Cameron leg because of their total elapsed time the day before, the team elected to forgo their place in the starting line in favor of waiting and recharging the batteries in the early morning sun before starting the day's race.

The race would test not only the team's design capabilities and its

strategy, but also the stamina of team members. Frantically working to finish the car almost round the clock for several weeks preceding the race, they were able to grab only a few hours of sleep each night. Designing the strategy for the next day and getting up at dawn to recharge the batteries kept the team from getting enough sleep during the race. "The late evenings and early mornings are tiring, and we are exhausted," said Pat Smallwood, a senior in electrical engineering from St. James, Mo. "But it's exciting to be racing after 1-1/2 years working on this car." He looked at the Kansas sunrise while making sure that no shadows would be cast by trees, buildings or bystanders on the solar array, the 6-foot x 13-foot panel of photovoltaic cells that produces the electricity that propels the car and recharges the batteries.

A new kind of sport

The SunTiger project brought students from different engineering disciplines and the School of Journalism, together with faculty members from electrical and mechanical engineering. Wallace says the students were involved in every aspect of the project — fund raising, design, research, publicity and construction of the car.

"The SunTiger was a brain sport," says Richard T. Whelove, graduate instructor in mechanical and aerospace engineering and the other co-adviser of the team. "When the students are finished with a project like this, they all turn pro. They will be able to find jobs because they know how to apply the knowledge they learned in class to a real world problem."

Some of the lessons the students learned this year will aid in the college's future projects. "The car is extremely reliable — we didn't have even a flat tire — but a bit too heavy to be very fast," Whelove says. At 1,113 pounds, SunTiger was the heaviest car in the race.

"If we build another car — and I hope we do — maybe we will back off reliability and shed a few pounds," Wallace says. "But we finished the race, and the team came together and did a great job. I'm very proud of them."

The hare (Michigan) won — this time. The tortoise finished 19th overall, but 10 places ahead of archrival Rolla, and first among entries with no previous solar racing experience. ☐

Is solar power for you?

A Kansas farmer looking down U.S. 69 from an overpass said the solar cars racing in Sunrayce '93 — the biennial race sponsored in part by the Department of Energy and General Motors Corp. and others — looked to him like "low-flying UFOs."

They are sleek-looking contraptions like something out of a futuristic movie, and this past June they showed alternative energy uses to crowds as they traveled from Dallas to Minneapolis, a distance of 1,102 miles. Upon close examination, most are nothing more than a tubular structure with bicycle wheels, and a small electric motor that gets its juice from a large array of cells that convert light into electricity. This array can generate as much as 1,100 watts of electricity, enough to power a medium-sized air conditioning window unit. The batteries in the car are capable of storing a maximum of 5 kilowatt-hour, enough to run the same unit for five hours or to drive Mizzo's SunTiger from the St. Louis Gateway Arch to MU's Columns in about three hours at an average speed of 40 mph.

The materials used for the construction of the cars range from the mundane to the sophisticated: The car from the University of Puerto Rico-Mayaguez used tubular aluminum for part of its frame, DieHard batteries and rubber bands from Soloflex exercise equipment for its suspension while the entry from Auburn University sported a carbon fiber box frame and Kevlar body. Many of the cars had telemetry equipment that radioed the status of on-board instruments to the other two auxiliary vehicles in each team's caravan, yet one car had a pair of fuzzy dice for good luck.

Creature comforts take a back seat to aerodynamics. The drivers endure temperatures of more than 100 degrees while lying flat in cramped cockpits; few cars have windshield wipers, and when Tim Hall, BS EE '93, drove SunTiger to Kansas City under a torrential rain, he could barely see as moisture condensed inside the plexiglass bubble atop the cockpit. Many of the cars use regenerative braking, a process that reverses the polarity of the motor current so that the batteries charge while the car decelerates.

The 34 entries for Sunrayce '93 came from colleges and universities in Canada, the continental United States, Puerto Rico and Hawaii. Some teams built every part of the car, while others have enough sponsorship money to contract the manufacture of some parts. The MU team built the entire car.

There are no assembly-line solar cars available yet, and if you want to build your own, be prepared to spend between \$18,000 and \$500,000, labor not included. That's what the entries from Puerto Rico and Michigan, respectively, cost. The SunTiger cost about \$51,000, excluding in-kind gifts. Among the contributors are: the College of Engineering, the Missouri Department of Natural Resources' department of energy, the Missouri Public Service, the St. Louis chapter of the Institute of Electrical and Electronic Engineers, Orscheln Co., MEMC Electric Materials Co. and Emerson Electric.



Describe your favorite wheels while you were a student at MU.

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



Kathryn Miller

At the heart of the rural health solution

By DALE SMITH

After World War II, MU's Board of Curators laid out its vision for the school's approach to rural health care: The medical school would graduate generalist physicians to practice in the countryside with cooperation between other campus departments and the state. Because part of the training would take place in rural Missouri, MU would be providing health care and educating physicians at the same time.

Meanwhile, federal policy makers were embarking on a 30-year stint of funding rural hospital construction. Their vision was that rural dwellers would never have to travel more than a county or two for all their health care needs.

Needless to say, the landscape of rural health care wasn't quite that easy to paint. And it's not so idyllic just now. Rural hospitals are closing at alarming rates, and, despite a national surplus of doctors, many rural areas still lack family health-care providers. Nurses are only now being empowered to help out. At one end of the life cycle, rural infants die at higher rates than urban babies. At the other end, chronic diseases are more prevalent. Ruralites of the ages in between die far more often from accidents than their urban counterparts.

The seeds of relief for such physical and social ills often germinate at universities through research, education and service to communities in need. Not so in the case of rural health. Not enough, at least.

"No university in the country is doing a top-notch job of both educating health providers and improving the organization and delivery of health services," says Chancellor Charles Kiesler. "The trick is to be *the* model program in the country because that position is unfilled. I think it's a natural for MU."

What makes it a natural? Part of MU's advantage is location, location, location. Few health sciences centers are headquartered in the heart of the country, Kiesler says. That makes access to rural areas easy. The proximity also makes the problems more compelling. Another part of the chemistry comes from an unusually good combination of programs and people. It's rare to find under one university's umbrella not only schools of medicine and nursing, but also programs in health related professions and health services management.

Dean of Medicine Lester Bryant has appointed a rural health initiatives committee to find out how these people and programs might combine to become *the* model for solving rural health problems. Leading the multidisciplinary group are representatives of medicine, nursing and health services management.

The rest of this article offers highlights of what campus health-care leaders see as MU's strengths in rural health as well as their ideas for approaches that could make MU the nation's leading center for education, research and service in rural health care. At the heart of their work is the goal of providing rural patients with access to affordable, high-quality care.

The cost-quality-access squeeze

Independence, a cherished ideal in our country, must be shaved in the future of health-care reform, says Gordon Brown, director of health services management.

"Gone with the wind." That's how Brown describes the era of the independent rural hospital offering cradle-to-grave care.

"Not in the cards." That's his verdict on unfettered patient choice of health providers and facilities. The same goes for the relative freedom of providers to decide how they will treat patients and when to refer them elsewhere in the system. "It's been done." We're caught in the cost-quality-access squeeze, Brown says.

Some key questions: How can we make high-quality care more accessible and affordable to rural people? If planners put people first, what might a health-care system look like? Brown proposes integrated regional health systems that would include major portions of the entire state. For example, patients would receive primary care and secondary or basic hospital care near their homes. But for tertiary or high-tech care, they'd have to travel to regional hospitals. Small rural hospitals would no longer break their budgets trying to be all things to all patients.

In Brown's vision, patients would move from primary to secondary to tertiary care settings and back based on agreements among the providers. Primary care and specialist physicians, for example, have historically treated and referred patients as they saw fit. In the future, providers would decide collectively where patients belong in the system. Their decisions would be based on the training, experience and resources of providers.

"This system is driven by very sophisticated information. No one has that in place," Brown says. This important gap is one MU could help fill. For example, imagine a patient's blood is analyzed in Boonville, and then the patient is referred to Columbia. Today, the blood test would be repeated — just to make sure. That's expensive and inefficient. An integrated system would ensure that Boonville's blood work would be acceptable to Columbia. The same goes for everything from medical records to X-rays.

Currently, Brown says, patients are on their own in the maze of health services and financing. "We've got big problems with quality and gaps. We've got a system that's not a system."

From turf to teams

The boundaries of professional turf are changing faster than ever, says Dr. Rich Oliver, director of health related professions. To function effectively in the future, health workers will need better skills in collaboration, communication and teamwork. That requires reform in health professions education.

"Health reform begins at home," says Dr. Toni Sullivan, dean of nursing. On July 1 at Missouri's Capitol, Gov. Mel Carnahan, JD '59, signed legislation empowering nurses to take a far more prominent role in health care. The legislation permits collaborative practice between physicians and advanced practice nurses, which include nurse practitioners and nurse midwives. A properly prepared nurse can now serve as a patient's primary provider, backed up by a physician up to 75 miles away. This opportunity lets Sullivan extend the reform effort to education at MU.

"MU's new nurse-midwife program is nursing's single most significant accomplishment so far toward our goal of providing leadership in rural health care," Sullivan says. Only weeks after Carnahan set the legislation in motion, Sullivan began recruiting faculty members for the nurse-midwife program, which could help ease the shortage of rural physicians who provide prenatal care, childbirth services and care for newborns. Nurses are less expensive to train. They require less financing to practice their craft, which stems partly from a difference in philosophy from the prevailing medical approach, Sullivan says. "Nurse-

midwives believe that pregnancy, labor and delivery is a normal wellness process," she says. "It's just another stage of development for women. Nurse-midwives are less likely than physicians to use forceps, sonograms and labor-inducing drugs; and their patients have lower rates of cesarean section delivery." She envisions a network of rural labor and delivery centers across Missouri, where students would train and local women and children would receive care they might have delayed or neglected entirely.

- By collaborating with physicians, nurse practitioners trained in primary care could provide services to a range of patients. "Nurses can provide 85 percent to 90 percent of the primary care we need. Not only are nurses decent physician substitutes, but they do some things a lot better, and they're a lot cheaper, too." She says, for example, that nurses are more "person-centered, and focused on helping people help themselves. If you're a newly diagnosed diabetic, you need a nurse to help you understand the disease and how you should modify your lifestyle. You need a nurse to help you understand the importance of diet and exercise, how to care for your feet, how to test for blood

sugar. All these things could be provided best by a nurse practitioner, without the patient having to drive 60 miles and wait for an appointment."

Starting with students

Rural begets rural. Students from the countryside are more likely than urbanites to practice in rural areas. Those odds become even better when the students train in rural settings.

Recruit rural

- "We need to focus differently on who we prepare for medical school," says Hal Williamson, associate professor of family and community medicine. "I could see developing relationships with other state universities that enroll primarily rural students." They could be recruited for a program, now being planned, in which rural pre-medical students who qualify could be guaranteed admission to MU's medical school.

- "There's plenty of untapped potential on campus already," Williamson says. "It may be useful to look in the College of Agriculture, for example. There are lots of rural people there who have science backgrounds. But maybe it never occurred to them that they could become a doctor. Perhaps all they need is a little encouragement."

- Sullivan echoes the "recruit rural" refrain. This strategy may be especially fruitful for nurses, a larger pool of people than physicians. Nurses are also more likely than physicians to reside in rural areas.

Train rural

- Using rural clinics in Fulton and Fayette, MU's department of family medicine has been a model of rural medical education for more than a decade. Not only have these clinics offered health services to people who might have gone without, the sites are also research locations and training grounds for resident physicians.

- Dr. Jack Colwill, chairman of family medicine, envisions an expanded version of the Fulton and Fayette clinics. He calls it a medical school without walls.

"Students would spend part of their training with community-based faculty of all specialties." Based in locations all over Missouri, they'd see patients with on-site guidance while continuing their formal instruction via interactive telecommunications and a laptop computer. (See Supporting rural practices on the next page.) "The new technologies are just beginning to make community-based education possible," Colwill says.

- A pilot "rural-intensive" course is in the

Students team up to solve patients' problems

MU's medical school is among a handful nationwide to adopt a problem-based curriculum — the first fundamental medical training reform since 1910. After decades of trying to cram ever-greater numbers of facts into the minds of medical students, the fall 1993 class will enter a program that integrates basic science lectures, patient care and clinical problems, says Dr. Ron Swinford, co-chairman of the medical admissions committee. The emphasis is on learning to solve problems.

These problems are written cases that describe patients' complaints. Students work with tutors in groups of eight to develop lists of hypotheses about what might cause chest pain, for example. While discussing the case, students also construct a list of topics — parts of the body and biological mechanisms that could cause chest pain — they'll need to understand to solve the problem. Then, students head to the library or to learn on their own, says Dr. Mike Hosokawa, assistant to the dean for curriculum. At the next group meeting, they discuss what they've learned and go through the cycle again, refining their hypotheses and learning lists. This goes on for about a week. "The main thing," Hosokawa says, "is that the students are going through a problem-solving process that they will use as physicians." Research shows that learning facts in the context of

clinical problems makes them easier to recall later on when seeing patients.

In general, Swinford says, students are "wildly enthusiastic" about the problem-based approach. They've been frustrated for decades because the first two years of medical training emphasized basic sciences. The aspiring doctors didn't get to do the things doctors do until late in the second year of school. "They like the fact that problem-based education lets them get started right away learning skills that will let them mature as physicians.

"Students also like the collegiality of working in groups. They like the idea of teaching each other, as long as they have a faculty member nearby to consult. It's good that medical students will be learning earlier how to communicate with colleagues and that they have a commonness of purpose."

The new curriculum also develops another skill designed to last a lifetime. "They'll be learning how to learn," Swinford says. With no way to predict future demands on physicians, they've got to know how to find facts in an ever-expanding body of information through computers, journals, texts and experts.

By training physicians who can solve problems, work with others and master the art of finding facts, Swinford says, "We will have brought medicine into the 21st century."

works at the School of Health Related Professions. The course sends students from respiratory therapy, occupational therapy, physical therapy, speech therapy and the radiological sciences into rural towns with a broad agenda. Students will meet townspeople, assess the community's health needs, consider what a team of providers could offer and how it might be incorporated into the system. In the meantime, students get to know a lot about what the other disciplines have to offer. "We may require this sort of course of all our students. We want them to see that they can be agents of change in Missouri's rural communities," Oliver says.

- The School of Medicine initiated its first class in a new problem-based curriculum this August. One of the program's innovative components is a primary care emphasis beginning in the first month of class and continuing at least through the second year, Colwill says. This contrasts traditional programs, which have students cram facts for two years and emphasize high-tech hospital care during the second two years. Instead, MU medical students will work in communities within 50 miles of Columbia every two weeks during the first two years. In the third year, they will have opportunities for extended training in rural areas. (See story, "Students team up to solve patients' problems.")

- For students who don't want to wait three years, Williamson proposes a summer RUOPs — rural underserved opportunities. "With money from rural hospital administrators, we'd place students with exemplary rural practitioners," Williamson says. "That way they get to see the joy of that kind of life early in their training." Williamson believes this approach could also foster interest in underserved urban areas.

Place rural

- Last year, through existing programs, three family medicine graduates were recruited to underserved areas by the Indian Health Service. Two others left to practice in Africa. These programs, Williamson says, make smooth transitions from schooling to practice. "We could develop a kind of broker service," Williamson says, "that would connect physicians with rural areas that need them." Without "rural-broker" programs, young physicians have settled in settings such as rural emergency rooms

or urban health maintenance organizations. These options not only pay better than rural private practice and afford contact with other professionals that isolated practitioners crave, but they also pose little if any financial risk.

- MU's department of family medicine has one of the best track records nationwide for placing physicians in rural areas. Although 30 percent of family physicians practice in rural areas, 60 percent of MU's graduates have done so. Unfortunately, many locate outside Missouri. Part of the lure, Bryant says, is that other states support rural practice better.

Supporting rural practices

Assuming that health-care providers can be recruited, trained and placed rurally, other grave barriers remain to keeping them in place. For a rural generalist, opening a practice means facing intimidating startup costs and overhead expenses. Governmental regulations and insurance paperwork add hours to already full days of patient care. Physicians too often lose patients who must be referred to bigger cities for lack of specialty consultations in rural hospitals. Bryant says many physicians look at this situation and hit the bricks to the big city.

- One helpful model may be sending part-time specialists to support rural generalists," Bryant says. "If you're a family doctor in Moberly and you've got an elderly woman in the hospital with pneumonia and a touch of heart failure, the way things are now, you may choose to refer her to a hospital in Columbia. But you'd be thinking, 'I could treat Mrs. Smith here if I had a cardiologist and a pulmonologist to look at her once or twice a week.'" Without this support, Mrs. Smith leaves her community with her insurance dollars. Rural doctors, hospitals, patients and communities suffer the consequences directly. The nation suffers, too, with a higher health bill because it's cheaper to treat Mrs. Smith in Moberly than in Columbia.

- A new telecommunications technology called compressed-signal interactive video may become another crucial bridge between city specialists and rural practitioners, Colwill says. This technology, whose price is beginning to fall within reach of some smaller communities, also has great potential for educating distant students and refreshing

veteran rural providers. At minimum, compressed-signal technology allows conversation by television. But it's value in health care could become much more than that. "The video and audio technology is so good that, for example, you can accurately hear heart sounds and you can accurately hear X-rays and electrocardiograms. Curator James McHugh sees great potential in this technology," Colwill says. So much so that he is leading a committee to examine its possibilities. Already, Bryant says, MU is helping to write grant requests within the Association of Independent Hospitals to make the most of this new hardware.

- Other kinds of expertise could extend from MU to rural locales. Large hospitals, for example, have sophisticated systems of billing, collecting and administration. "These are enormous costs to rural providers," Bryant says. MU could develop ways of using its business capacities to ease administrative burdens.

- Williamson mentions a somewhat broader brand of service. "We could develop technical assistance programs to help small communities improve their health-care systems," he says. Because health care is changing so fast and because good advice is so hard to find, he says that an educated rural leadership is invaluable. Teams would go into small communities, assess current health delivery, survey health needs, and try to educate and involve the community. After the data are in, planning meetings take place. "You talk to the people about what they've got, what they want and how to get it," Williamson says. How much leadership is enough? If 10 to 15 citizens become well educated and involved in addition to 100 more who are supportive, useful changes can take place. Team members are special. "They have to have one foot in academics and also be willing to go to supper Wednesday night in the church basement."

Finding solutions

"We're starting on a journey that will take a long time," Bryant says. "It'll be a long time before we see results because we're trying to stem forty or fifty years of momentum. But we have to succeed. Otherwise, we'll see many more rural hospitals close and many more rural people disenfranchised." ☐



A year of new traditions

By Rob Hill and Joan M. McKee

Welcoming a new chancellor, the first year in the centrally located alumni center, philanthropic Homecoming events and hundreds of devoted alumni volunteers made 1992-93 a memorable year for the MU Alumni Association. MU also lost a friend and benefactor, Donald W. Reynolds, BJ '27, who died in April. Reynolds donated \$9 million for the center bearing his name.

Alumni Center becomes home

New traditions are created every day in the Donald W. Reynolds Alumni and Visitor Center. In its first year of operation, the University Club has become a social and dining center for the community. A Columbia native and a member of the Alumni Center management committee, Madelynn Cunningham Garffie, BS '79, held her wedding reception at the center in May 1992. "It was a beautiful place for the reception and so convenient," Garffie says. "It was so classy."

Garffie's ties to the club continue while she serves on its board of directors.

The club, which opened its restaurant in September 1992 and banquet facilities in February, boasts 1,700 members. Club business generated \$1.2 million in gross revenue during its first year.

Fifty-four percent of club members are Association members with current and retired faculty and staff making up the remainder.

Scholarships aid students

Of all the traditions observed by the Association and its members, one stands pre-eminent. Financial assistance in the form of scholarships to students is a constant theme of Association events.

The St. Louis chapter led all others with approximately \$9,000 donated to the scholarship fund, followed closely by the Kansas City chapter with approximately \$8,500 and the K.C. Business and Public Administration chapter chipped in another \$6,000.

Overall, 110 students benefited from \$73,112 in scholarships from 39 association chapters and organizations. Scholarships contributions from the chapters and organizations are matched up to \$500 by the Association.

Reunion renew ties

Old traditions were renewed and new ones were established when more than 200 people attended the 50th anniversary class and Gold Medal reunions at the Reynolds Alumni Center April 29 through May 1. About 220 alumni and

spouses attended the weekend event.

"We were really thrilled to see the new Reynolds Center," says Bernice Hitzemann White, BS Ed '49, of Norborne, Mo., who attended the reunion with her husband Thomas, BS Ag '43. "We've both been very active in cooperative extension and we've maintained our ties to the University through that, but the reunion was very special."

Besides renewing college friendships, alumni toured campus and Columbia, attended educational seminars and visited with representatives of their school and college.

Homecoming happenings

Homecoming '92 lived up to its name for a Columbia family when the campus Habitat for Humanity and Homecoming volunteers teamed up to build MU's first Habitat house.

Mizzou's Homecoming steering committee spearheaded 27 campus and community groups' building efforts, which took shape on the ROTC practice field the week before Homecoming. The structure was later moved to a Columbia neighborhood. Approximately \$20,000 in funds and labor were donated to make the house a home.

A venerable comic book character returned home during Homecoming '92. The Beetle Bailey statue was unveiled by artist Mort Walker, AB '48, who was grand marshal of the parade, as well as the William Francis English Scholar-in-Residence for the College of Arts and Science.

Blood donors made Homecoming '92 one of the largest drives on a university campus when 2,956 units of blood were

Alumni volunteers gather in front of the Reynolds Alumni Center after the Association's fall national board meeting. There are first row from left: Susie Robison, Reng Winters, Tom Lawson, Carolyn Wiley and Anne Nelson. Second row: Mark Miller, Betty Spaar, Lisa Schlichtman, Bruce Loewenberg and David Hitzhusen. Third row: Susie Cox, Brock Hessing, Mitch Murch and Gerald Johnson. Fourth row: Jeff Jasper, Dick Dickinson and Dick Moore. Fifth row: Chris Schlarman, Bryan Forbis, Jean Snider and Don Cahalan. Sixth row: John Saunders, Bob Dixon, William Phelps and George Gale. Seventh row: Ro Sila, Joel Denney, David Litteken, Jean Cerra, Hal Jordan and Bob Wilson. Eighth row: Greg Lucezky, Mary Ann Beahon, Ron Carpenter, L. Joe Scott and Diane Kilpatrick.

donated during the five-day drive.

Grants enhance faculty

Last year, Dr. Diann Jordan, assistant professor of soil microbiology, met in France with other soil researchers who work with more than 100-year old agricultural plots similar to MU's Sanborn Field. These scientists, who are interested in collaborating on agricultural practices and their impact on pollution, invited Jordan to attend an international conference in July to help develop long-term studies in historical field sites. Jordan turned to the Association for help with expenses and became one of 17 faculty members to receive a Faculty Incentive Grant. This program, which awarded \$12,000 in 1992-93, provides money for projects that might not otherwise be funded by the University.

Chapters span the globe

Now that writer, actor and book publicist Joe Rinaldi, AB '81, is no longer commuting to New York City, the time was right to join other alumni who wanted to help revitalize the Association's New York chapter. As co-president, he has helped alumni gather for football- and basketball-watching parties and a "Meet the Chancellor" dinner. This fall, the chapter is planning a trip to the football game against West Virginia and is starting a membership campaign. Promoting MU and the Association is important to Rinaldi and he thinks the New York area is the place to do it. "There are 2,500 Mizzou alumni in the tri-state area, so it's crazy not to

see things happen."

Further south, the Dallas chapter became the first out-of-state alumni group to become a member of the Jefferson Club by pledging \$25,000 over 10 years. "We wanted to establish a role model for chapters outside of the state," says President Curtis Rippee, BS Acc '89. "We wanted to show that chapters outside of Missouri can have just as much impact."

Alumni in 27 in-state and 18 out-of-state chapters plus an international chapter in Korea served MU this year.

Organized to help

When many workers are relaxing on their holidays, Mark Miller, BS '78, MS '82, can usually be found at MU. As president of the Black Alumni Organization, he has been busy planning the events for the 25th anniversary of the Legion of Black Collegians, which include a yearlong celebration of the black experience on campus that begins this fall. (See story on Page 13.) Last year the organization held a Homecoming brunch where more than 150 people attended and three scholarships were presented. It also helped sponsor Fall Fest, a welcome back to campus for students; Kwanzaa, an African-American holiday based on African tradition; a graduation celebration; and recruitment dinners for prospective students and their parents in Kansas City and St. Louis. Miller also is working with the Association's legislative information network committee to identify black alumni in each representative district to work on

behalf of BAO and the University. "It's important to me to take the time to try to make a difference on campus and to help communication between the campus and alumni and students," says Miller, the director of the governor's commission on minority business development in Jefferson City.

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

Membership enriches MU

The 26,278 members of the Alumni Association will start noticing one change this year when they renew memberships: Dues are now payable once a year in February. Rather than renewing on the anniversary of joining, members will now receive renewal information the first quarter of every year.

One way to avoid the annual ritual of renewing is to become a life member of the Association. A new life membership was approved by the Association's executive board in March. Individuals may become life members for \$1,000, which can be paid in five installments; couples may join for \$1,500, also payable in five installments.

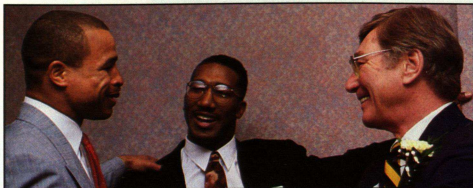
In addition to his regular duties, Athletic Director Dan Devine pitched in by helping to recruit new Alumni Association members. Along with Association Executive Director Jim Irvin, BS Ag '60, PhD '70, Devine is urging MU alumni to "bury the bird" by outpacing membership of the University of Kansas Alumni Association.

Students are involved, too

Jessica Oswald is bound to discover some old traditions of the Alumni Association Student Board as well as establishing a new one: She is the first historian for the organization.

Oswald, a sophomore exercise science major, from Eldon, Mo., is hoping to create a written history to supplement the oral tradition of the group. "I know a lot of things have been lost," Oswald says. "Nothing of what we've contributed to alumni is really down on paper."

For five years, the student board has been providing freshmen and transfer students an early peek into life at MU. *The Next Generation* is a yearbook



Smiley Elmore Jr., BS BA '90, MA '92, coordinator for alumni relations, center, introduces Kevin Potter, BES '83, left, to Chancellor Charles Kiesler at the Black Alumni Organization's student recruitment dinner March 10 in St. Louis. Potter is a sales representative with Procter and Gamble Distribution Co. Each spring the organization brings MU staff and alumni together with potential students and their parents in Kansas City and St. Louis.

featuring photographs of incoming freshmen and transfer students as well as information on campus activities

News about Mizzou

Not only is the *Missouri Alumnus* maintaining ties of alumni to their University, the publication is trying to attract alumni of retirement age back to Columbia.

A special section in the summer 1993 issue touted the benefits of the city as a retirement location.

Besides learning more about *Money* magazine's No. 2 city in the nation, the more than 215,000 alumni and friends of the University who read each issue of the quarterly magazine keep informed of Association and MU happenings.

Tourin' Tigers see the world

Association member Clarita Morris didn't need to attend the history lecture on the Panama Canal when she and her husband, Harry Morris, BS BA '51, traveling with the Tourin' Tigers joined alumni from other Big Eight schools for a January cruise. "I was excited about seeing the canal because I had read its history before I went on the trip," Clarita says. But she took advantage of the other amenities. "The ship was the tops in terms of relaxation." She says she enjoyed the food, the friendly staff and the stage productions. "It was unbelievable. We might as well have been in Hollywood; the performances were so polished."

Last year, alumni and friends traveled on 12 Tourin' Tigers tours, which

included visits to the Canadian Rockies, the Soviet Union, Alaska, New England and the Antebellum South. Tigers also cruised the Nile, Rhine, Danube rivers as well as the Sea of Cortez and the Bay of Fundy.

The charge that pays

Christy Weber, AB '90, carries a Mizzou Visa credit card featuring the Columns. A student working on a nursing degree, she receives compliments when people see her card. "People tell me my card is attractive and a nice advertisement for MU," Weber says. But for those times when she and the other 3,725 Mizzou credit card holders use their cards, MU benefits. Commerce Bank in Kansas City gives the Association a percentage of every purchase made on either the Mizzou Visa or MasterCard that displays a photo of Jesse Hall. In the 1992-93 school year, the program generated \$43,946 for the Association, which uses the funds to support activities benefitting students and faculty.

Committees guide Association

As chairman of the rules committee, Greg Lucecky, JD '77, keeps law and order. He and the other members have been hard at work preparing a standardized set of bylaws for chapters to adapt so there will be consistency among the groups. He also worked on an application for a group tax exemption that all chapters can use. "The larger chapters have done this on their own, but now the Alumni Association can act as an umbrella for all the chapters," Lucecky says. "This will

help us out financially and keep us from running afoul of the tax laws."

Working on this committee of the national board was Lucecky's next logical step in service to MU. He has been active in the St. Louis chapter for many years, where he has served as president. Currently he is on the chapter's board of directors.

Forty-eight other volunteers joined Lucecky last year by serving on the Association committees, which include athletic, alumni center management, communications, faculty-alumni awards, finance, membership and LINC, the legislative information network committee.

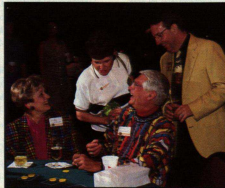
Board directs it all

"I enjoyed the opportunity to work with dedicated volunteers who really do love Mizzou and want to see it prosper," says Association President Tom Lawson, M Ed '61, EdD '70. The city manager of Poplar Bluff, Mo., he also serves on the University of Missouri Advisory Committee on the 21st Century, which is making long-range plans through the year 2020.

During his 1992-93 term, he helped welcome Dr. Charles Kiesler as MU's new chancellor and saw the development of the Donald W. Reynolds Alumni and Visitor Center as a meeting place for alumni, faculty, staff and students. "It was memorable seeing the new center become one of the focal points of MU," Lawson says, "and realizing the potential that the new chancellor and his philosophy could have on the progress of the University and the Alumni Association." ☐



Not only do members enjoy fine dining at the University Club, but students in hotel and restaurant management use the facilities to learn the fine art of food service.



Judy Johnson, and Association vice presidents Carolyn Wiley, BS Ed '64, and Gerald Johnson, BS Ag '52, DVM '56, and Thom Guthrie, director of the alumni center operations, help raise scholarship money at the April 23 Boone County casino night.



On Oct. 2, President Tom Lawson, M Ed '61, EdD '70, left, and Provost Gerald Brouder, right, present Bus Entsminger, BS Ed, M Ed '50, with the distinguished service award.

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204 W. Mason
Oleson, Mo. 64076
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**District 5
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Jefferson City, Mo. 65101
(314) 635-0711

Susie Robison

2504 Shepard Blvd.
Columbia, Mo. 65201
(314) 443-7748

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2935 Rockwood Trail
St. Charles, Mo. 63301
(314) 447-8670

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669 W. 70th Terrace
Kansas City, Mo. 64113
(816) 444-3732

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13009 Beverly
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(913) 444-3314

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(816) 894-2608

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Route 1, Box 26
Camdenton, Mo. 65020-9702
(314) 346-5929

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87 Kennedy St.
Union, Mo. 63084
(314) 583-3475

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Karen Benthack, AB '81**

1745 Redbird Cove
St. Louis, Mo. 63144
(314) 962-5584

Christopher Schlerman, BJ '86

202 Edwin
Glenado, Mo. 63122
(314) 965-7848

**District 12
Lisa Schlichtman, BJ '86**

1303 North Baker Lane
Cassville, Mo. 65625
(417) 847-4028

**District 13
Barney Whitlock, BS BA '63**

2830 Covington Circle
Springfield, Mo. 65804-0022
(417) 881-7088

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L. Joe Scott, BS Ed '61, JD '66**

357 N. Main
Poplar Bluff, Mo. 63901
(314) 785-4688

**District 15
Anne Nelson, BS Ed '68, M Ed '69**

1654 Glenharde Road
Wayne, Pa. 19087
(215) 783-5097

Diane Kilpatrick, BS Ed '67

30 Colton Circle
Trenton, N.J. 08638-1724

David J. Hirtzbusch, AB '60

1746 Cooked Creek Lane
Germantown, Tenn. 38138
(901) 754-7492

Mary Ann Eggers Beahon, BJ '68

10520 S.W. 110th St.
Miami, Fla. 33176
(305) 274-3371

Frank Dohler, BS Ed '62, M Ed '63

974 Hedgewood Drive
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(708) 358-6219

Erik C. Brechtner, AB '60

70 Clubview
Doraville, Ill. 62211-2525
(217) 428-2609

Dick Dickinson, BJ '54

24610 B Brighton Drive
Valencia, Calif. 91355
(818) 255-9706

Harold "Hal" R. Jordan, AB '51

221 Mountain Ave.
Piedmont, Calif. 94611
(501) 547-5221

Dore Schütz, BS BA '81

8642 Fredericksburg Road, Apt. 506
San Antonio, Texas 78240-1278
(210) 558-7224

Jalinda Brattin, BS Ed '70

9409 S. 66th East Ave.
Tulsa, Okla. 74133-5344
(918) 481-0543

William C. Phelps, AB '56, JD '59

10 S. Briar Hollow Lane, #73
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(713) 965-9149

G. Joan Corra, PhD '85

Barry University
11300 N.E. 2nd Ave.
Miami Shores, Fla. 33161
(305) 899-3554

John Ehrlich, BS Ed '67, M Ed '68

140 Chestnut
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(314) 886-2355 (work)

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KRON-TV
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P.O. Box 301
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(816) 645-7217

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4441 Bonifield Drive
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111 Solado Road
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(314) 471-1745

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2106 Southwood Drive
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(314) 449-3585

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1220 Luther Drive
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Grandville, Mo. 64030
(816) 761-5071

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1324 Christmas Valley Drive
Gasterfield, Mo. 63005
(314) 532-7950

**Athletic
James Montgomery, BS BA '57**

12312 Olive Blvd., Suite 625
St. Louis, Mo. 63141
(314) 576-4470

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Columbia, Mo. 65203
(314) 445-6000

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604 County Republican
Drewton, Mo. 65785
(314) 276-4211

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4806 Prairie View Court
St. Louis, Mo. 63128
(314) 892-6875

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(314) 342-8003

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(314) 449-4029

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Greg Lazucky, JD '77**

50 Greenwood Executive Center, Suite 301
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(314) 842-7300

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Roger Gelfo, BJ '61, MA '62**

Vice Chancellor, Development,
University and Alumni Relations
301 Reynolds Alumni and Visitor Center
Columbia, Mo. 65211
(314) 882-7703

James A. Irvin, BS Ag '60, PhD '70

Executive Director, Alumni Relations
123 Reynolds Alumni Center
Columbia, Mo. 65211
(314) 882-7673

Karen Worley, BJ '83

Editor, Missouri Alumnus
407 Reynolds Alumni and Visitor Center
Columbia, Mo. 65211
(314) 882-7357

**Student representatives
Barry Slinson**

NSA president
Scott Stollman

NSA vice president
A022 Brody Commons
Columbia, Mo. 65211
(314) 882-8386

Measure Up

BY TERRY JORDAN

Gender equity has implications for men and women

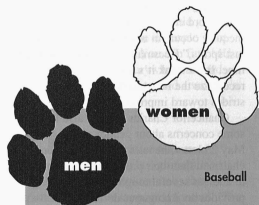
Craig Sherman, MU women's volleyball coach, and Wes Roper, BS Ed '81, M Ed '83, the men's wrestling coach, occupy small offices about 50 feet apart on the fourth floor of the Hearnes Center. Each grew up in Independence, Mo. They're only a year apart in age and are good friends. They go to lunch together at least once a week, and they and their wives get together socially now and then.

There's one subject, though, that sets Sherman and Roper at odds: gender equity. As the coach of a women's squad, Sherman says he is delighted at the prospect of new NCAA legislation designed to treat men's and women's sports more equally. "The volleyball team certainly could use more money for scholarships, travel, recruiting and promotion," he says. "Men and women are given the same opportunities in the classroom — why not in college athletics?" Adds Cindy Atteberry, a member of the team from Eldon, Mo.: "If we had a bigger budget, more publicity and were able to recruit nationally, we

would be more competitive."

But Roper, whose program could suffer as the result of gender-equity legislation, takes a different view. "Other universities are discontinuing men's programs to pay for the new women's sports," he points out. "Arkansas dropped men's swimming and picked up women's volleyball last year. Michigan eliminated men's gymnastics and added women's soccer. Drake and Princeton have dropped wrestling. Do you call that gender equity? I don't. Men deserve athletic programs, too."

Coaches, players and fans are beginning to take sides as the NCAA prepares for a vote this winter by its 943 member institutions on this hot potato of a topic. It's been 20 years since the passage of Title IX, which prohibits sex discrimination at institutions that receive federal funds, and this is the first serious, nationwide attempt to encourage college athletic programs to conform to the law. Discussions began in spring 1992, when the NCAA commissioned a 16-member group, the gender equity task force, to examine "disparities, sometimes gross



Who gets what

If you subtract the scholarship budget for football, women athletes receive more scholarship dollars than men. Program budgets include coaches' salaries, staff benefits, travel, equipment and supplies, printing costs and scholarships.

Source: MU athletic department

	Scholarship budget		Full and partial scholarships given		Program budget	
Baseball	\$78,016	\$0	30	0	\$200,288	\$0
Basketball	\$108,302	\$144,000	11	13	\$484,707	\$393,093
Football	\$816,664	\$0	90	0	\$2,341,121	\$0
Golf	\$30,006	\$36,007	13	9	\$98,129	\$77,978
Gymnastics	\$0	\$82,692	0	10	\$0	\$203,226
Softball	\$0	\$66,013	0	18	\$0	\$142,395
Swimming	\$66,013	\$84,017	14	14	\$119,662	\$137,666
Tennis	\$0	\$0	0	0	\$0	\$0
Track/Cross Country	\$84,017	\$96,019	23	28	\$195,204	\$205,938
Volleyball	\$0	\$72,014	0	11	\$0	\$126,570
Wrestling	\$66,013	\$0	17	0	\$130,085	\$0
Totals	\$1,249,031	\$580,762	198	103	\$3,927,197	\$1,286,864

disparities," between men's and women's sports programs across the country. The committee issued a preliminary report in May, and legislation based on that report will be drafted this fall. Mizzou and other schools are expected to vote on a series of gender-equity proposals at the NCAA convention Jan. 8 through 12 in San Antonio, Texas.

Clouding the issue are questions for which there seem to be no definitive answers: What exactly is meant by gender equity? Will the NCAA require all women's sports to be funded at the same level as men's? If so, where will the money come from? And what will be done about football, which brings in the most revenue, carries the largest expenses and has no equal — or anything even close to it — among current women's collegiate sports?

"Granted, football is the biggest piece of the puzzle. But there are a lot of pieces to this puzzle," says Sarah Reesman, AB '86, MU's new assistant athletic director who is assigned to study gender equity at Mizzou. "If you took football out of the picture, we probably would be pretty equal among the other sports."

Statistics support Reesman's statement. Last year, a total of 108 male athletes at Mizzou, representing all sports except football, reaped a total of \$432,367 in scholarships. Meanwhile, 103 female athletes received \$580,762 in scholarships. Add football to this

equation and suddenly everything goes out of kilter: 90 Tiger football players received scholarships totaling \$816,664 in 1992. Does this mean that to achieve gender equity, the University would need to grant scholarships to another 90 or so women athletes, and establish new sports to accommodate them?

"That's what a lot of people are advocating," says Reesman, a former attorney in Kansas City. "But how would you pay for it?"

The task force lists archery, badminton, bowling, ice hockey and water polo as among emerging women's sports that could accommodate new scholarship athletes. Setting up such programs, however, is not simple. "We would need to work with the Big Eight Conference and other schools in the Midwest to ensure that there was ample competition, and within a reasonable traveling distance," Reesman says. "It's more complex than saying, 'Let's start a women's soccer program.'"

Another part of the task force report says that men's and women's programs should be afforded equal treatment in such areas as equipment, travel and daily allowances, recruiting and publicity. Does that mean that if the men's basketball team takes an airplane and a sports information assistant to a game in North Carolina, the women's golf team can, too? "One of the options being discussed to control costs is creating a tiered system, where some sports would compete on a national level, others on a

regional level and still others on a club level," Reesman says. If that were the case, revenue sports such as men's basketball most likely would compete nationally, and non-revenue sports would be more limited. "You can't deny the smaller sports that principally benefit the participants, and you don't want to hurt the major ones that draw the fans and bring in the revenue," Reesman says. "It's a delicate balancing act."

Salary equity among coaches is another issue. The University of Colorado recently announced that women's basketball Coach Ceal Barry will receive \$95,000 — the same salary as men's basketball Coach Joe Harrington — beginning next year. At Mizzou, men's basketball Coach Norm Stewart, BS Ed '56, M Ed '60, earns a base salary of \$111,178, while women's Coach Joann Rutherford earns \$48,620. "Salary inequity occurs in many professions, not just sports," Reesman says. "This will take time. But I think it's important that we recognize the fact and begin to make strides toward improving it."

Chancellor Charles Kiesler also has some concerns about gender equity. In a May 25 letter, he tells the task force co-chairmen that their preliminary report fails to address several tough issues. "It provides an ambiguous definition of gender equity, it ignores the football issue entirely and all its recommendations for equitable treatment would increase costs," he says. "How can you come to grips with the issue by recommending no changes in men's sports, specifically the disproportionate number of Division I football scholarships? Gender equity is a valid concern that must be addressed, but I fail to see how responsible NCAA legislation can be based on this report."

Reesman and others in the athletic department are quick to point out that Mizzou has made formidable strides in bolstering women's sports in recent years. In basketball, the women's team receives \$144,000 in scholarships, while the men receive \$108,302. In swimming, \$84,017 is budgeted for scholarships for women, and \$66,013 is budgeted for men. "There is room for improvement, but a lot has been done already," says Athletic Director Dan Devine.

Even the department's strongest proponents of gender equity acknowledge

As time goes by

Regardless of the way NCAA member schools vote on gender equity this winter, two or three years most likely will pass before any new regulations take effect. "And in that time period you're going to have some modifications," says Joe Castiglione, associate athletic director.

Castiglione is expected to be among the MU representatives attending the NCAA convention in San Antonio in January. Others include Chancellor Charles Kiesler; Athletic Director Dan Devine; Sarah Reesman, the University's new assistant athletic director and senior women's administrator; and faculty representative Dr. Carl Settergren, BSF '58, MS '60, professor of natural resources. The University is allowed one vote per proposal, which normally is cast by the chancellor.

Last year, NCAA member schools voted on 160 pieces of legislation at the convention. Castiglione expects the gender equity issue to be broken out into a series of proposals. "There is the chance it could be a 'consent package,' where all the elements are rolled into one proposal and schools vote for it or against it. But this is such a complex and controversial topic that I don't see that happening."

He certainly does not see the approval of gender equity by NCAA schools as a done deal. "I think most schools would agree that we need to do more for women's athletics. But that doesn't mean they'll vote for every piece of legislation."

that fact. "It's not as if the men's teams at MU are getting all the money and we're getting the shaft," says women's softball Coach Jay Miller. "We may be receiving less than we'd like, but so are men's baseball, wrestling and track."

The money that pays for Mizzou's 16 varsity sports programs comes from several sources. Last year, football brought in \$2.8 million and men's basketball \$1.7 million toward the athletic department's \$10.8 million budget. Revenue from all other sports totaled \$202,300. "It is difficult to raise money from sports that are not generally considered spectator sports," notes Dr. Charles Schroeder, MU's new vice chancellor for student affairs.

But spectator interest can be strengthened, Cindy Atteberry contends. "If you go to a women's game once, you'll come back," the senior volleyball player says. "Our sports are every bit as exciting as the men's and would grow in fan interest and revenue if people were encouraged to attend. You can find MU football schedules everywhere around Columbia. But just try to find a women's softball schedule."

Oddly enough, more and more support for Atteberry's argument is coming from the booster clubs that traditionally have supported football. The Tiger Club of Kansas City, the Tiger Quarterback Club of Columbia and the Mizzou Quarterback Club of St. Louis all profess support for gender equity, and the Kansas City group has invited Miller and Jake Jacobson, women's gymnastics coach, to be guests at club gatherings.

Members caution, however, that the "goose that lays the golden egg" — football — should not be harmed. "Let's face it. If it wasn't for football revenue, we couldn't fund any of the other sports in the first place," says Rich Carver, AB '59, president of the St. Louis group. "Gender equity is fine, but let's take fan support into consideration, too."

Reesman says fan support and a lot of other issues will be taken into consideration over the next several months. "I don't think gender equity means that all sports have to be totally equal," she says. "I don't know if that is possible anyway. But one gender should not feel lesser when it comes to college athletics. We need to be fair." ☐



Where the money comes from

The athletic department's total budget last year was \$10.8 million. Football and basketball revenues together account for more than 42 percent of the department's income.

26.4% Football

16.2% Basketball

15.2% Conference

14.5% Tiger scholarships

7.1% Broadcasts/advertising

6% Endowments

5.9% Investment/food service/other

4.3% Institutional support/mission

2.5% Concessions

1.9% Other sports

Salaries/benefits 32.9%

...and where it goes

Scholarships 17.9%

Guarantees/settlements 10%

Travel 10.2%

Rent/printing/supplies 6.2%

Repairs/maintenance 5.7%

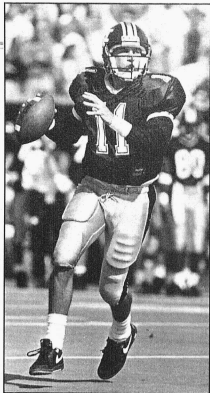
Other 5.7%

Utilities 4.6%

Game expenses 3.1%

Communications 2.5%

Cost of goods 1.2%



Junior Jeff Handy set MU records last year for most completions in a season, 196, and lowest interception percentage, .024.

MU's QB may come in handy

After standing 1-8 at one point last season, the 1992 football Tigers ended the year with rousing wins over Kansas State and Kansas. Coach Bob Stull is hoping that momentum will carry over into this fall.

"Early on last year, we were moving people in and out at various positions," says Stull, who is beginning his fifth year as Mizzou's head coach. "The picture started to clear as the season went on, and now we've got a number of people returning with playing experience."

Among them is Jeff Handy, a junior from Blue Springs, Mo., who wrestled the starting quarterback spot from Phil Johnson in mid-season and went on to set 13 school passing and total offense records. Handy, who passed for 480 yards against Oklahoma State last year, will be throwing to wide receivers Kenny Holly, Brian Sallee and Mike Jadtol, tailbacks Joe Freeman, Ryan Lyons and Mark Jackson, and tight end A.J. Ofodile, all returning players from 1992. Anchoring the offensive line will be All-Big Eight guard Mike Bedosky, a senior from Jefferson City and a solid All-America candidate.

On defense, tackle Rick Lyle and linebacker Travis McDonald, both second-team All-Big Eight selections, lead eight returning starters. New defensive coordinator Skip Hall plans to beef up an "attack" approach that allowed 104 fewer yards per game than the 1991 squad. Still, the Tigers finished last in the Big Eight in 1992 in three important categories — rushing defense, scoring defense and total defense — and will need to bolster this part of their game to better last season's 3-8 record.

The Sporting News picks Mizzou to finish sixth in the Big Eight, while *Lindy's Football Annuals* puts MU at fifth in the conference. One thing is certain: The Tigers' schedule is grueling, with road contests scheduled against three teams picked to finish in the top 10 nationally: Texas A&M, Nebraska and Colorado.

This marks the first year in Stull's tenure that all scholarship players have been recruited by him and his staff. "Our strong suit may be our experience," he says. "Of our 40 returning lettermen, 26 have started at least once. We think that will be a real strength as the season progresses."

Director search begins

The 14-member committee looking for a new athletic director for Mizzou held its first meeting July 27. The group's chairman, current director Dan Devine, already has made some contacts.

Devine says he has told three potential candidates that he'd like to discuss the job with them: Prentice Gautt, M Ed '71, PhD '75, a former Tiger football assistant and now associate commissioner of the Big Eight Conference; Bill Tobin, BS Ed '63, M Ed '67, who played football under Devine and formerly was a vice president of the Chicago Bears; and Andy Russell, BS BA '63, MBA '67, a former football Tiger and Pittsburgh Steeler who now is a successful businessman in Pittsburgh. "That is not to say that they are the top three candidates," Devine says. "But let me put it this way: If they and others of that caliber were not on the list, something would be wrong."

Internal candidates expressing interest in the job include Associate Director Joe Castiglione and Al Eberhard, BS Ed '76, a former Mizzou basketball star and now corporate/capital administrator for the Tiger Scholarship Fund. Devine says of Castiglione: "He is the local standard against which anyone else will be measured."

Devine's term as athletic director ends Feb. 1, 1994, although he will be retained as a consultant after that. The search committee will submit the names of three to five finalists to Chancellor Charles Kiesler this fall, with a report and ranking on each. "Then it's up to the chancellor," Devine says.

Boonville native named assistant A.D.

Sarah Reesman's loyalty to Mizzou athletics goes back to her childhood in Boonville, Mo. She remembers when she was 5 and MU was playing Penn State in the 1970 Orange Bowl. "I begged my parents to let me stay up and watch the Tigers," says Reesman, AB '86.

Now, watching the Tigers will be a responsibility as well as a pleasure. In May, Reesman was named assistant athletic director. In that role, she also will serve as the department's senior woman administrator in dealings with the Big Eight Conference and the NCAA.

A former associate attorney with the Kansas City firm of Slagle, Bernard and

1993 schedule

Sept. 11	Illinois (Hall of Fame/Ag Day)
Sept. 18	at Texas A&M
Sept. 25	at West Virginia
Oct. 2	Southern Methodist (Family Weekend)
Oct. 9	at Colorado
Oct. 16	Oklahoma State (Homecoming)
Oct. 23	at Nebraska
Oct. 30	Iowa State
Nov. 6	Oklahoma
Nov. 13	at Kansas State
Nov. 20	at Kansas



Gorman, Reesman will be responsible for the athletic department's eligibility, certification and compliance programs, and will work in areas ranging from video services to game management. Athletic Director Dan Devine says she will play a major role as the department becomes more involved with the national issue of gender equity. "She'll assist in all facets of our program," he says.

It is the fulfillment of a dream for Reesman, who says she had wanted to combine her professional interest in law with her love of sports. She played basketball and tennis at Boonville High School, and at Mizzou was chairwoman of the student athletic board and a member of the University's intercollegiate athletic committee.

Reesman met Devine last summer at a golf tournament and dinner sponsored by the Tiger Club of Kansas City, a booster group with which she served as secretary and vice president. He was impressed with her loyalty to MU, her intelligence and her dedication to her work. "I've never been more confident in my life that I've made a good appointment," Devine says.

Thumbs up for grass

The results are in, sports fans, and it's not even close. By more than a 26-to-1 margin, *Missouri Alumnus* readers responding to a fax poll in the summer 1993 issue say they'd like to see natural grass return to Faurot Field, as opposed to artificial turf (See fax poll results on Page 10).

And that's fine with Athletic Director Dan Devine, who says his department is proceeding with plans to install grass on the field in time for the 1995 football season. "Right now we're discussing the best way to do it," he adds.

Devine has received a go-ahead on the plan from Chancellor Charles Kiesler, and the project requires Board of Curators' approval as well. It's a nice marriage of athletics and academics, as the project will be led by Dr. David Minner, an associate professor of horticulture and a nationally known turfgrass specialist.

The question comes down to this: Should the University tear out the present Omniturf and its asphalt base — a project that could cost tens of thousands of dollars — or place the new grass on top of the Omniturf? "There are advantages and disadvantages both ways," says Associate Director Joe

Castiglione. "It would be much less expensive to install the new sod on top. But that would raise the level of the field as much as 18 inches, which could present drainage problems and cause some line-of-sight problems from the stands."

Castiglione estimates the price tag at a minimum \$350,000, depending on the additional work to be done. "The development of the grass itself is not the main cost," he says. "The key to managing the expense will be determined by the site preparation."

A decision on the matter will be reached later this fall. In the meantime, Minner is making plans to grow the grass at a sod farm near Columbia and transplant it in two years. It will give Mizzou the only natural grass playing surface in the Big Eight.

MU was the last conference school to move from natural grass when the Omniturf was installed in 1985. The old natural grass had been failing since the south end zone was enclosed in 1978. Can grass thrive in the stadium if grown correctly? "No doubt about it," Minner says.



The Tiger Club of Kansas City

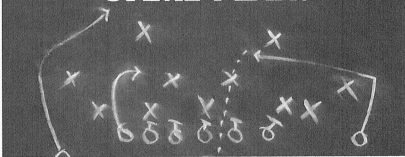
congratulates its former vice-president,

Sarah Reesman, AB '86,

on her recent appointment as assistant athletic director and senior women's administrator at Mizzou, and coach Devine and the selection committee on their excellent choice.



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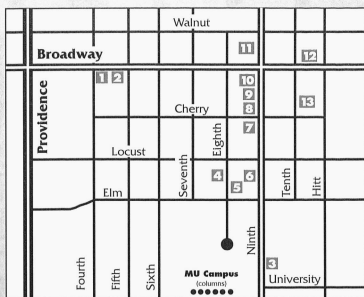
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Freshman class may be smaller

The cost of education, the economy and a smaller pool of high-school graduates are all reasons why this fall's freshman class at MU could be a little smaller than last year, says Gary Smith, M Ed '65, EdD '71, registrar and director of admissions. "And yet, early indications are that the class could be brighter than any in previous years," he adds.

Figures through July 7 showed that freshman applications were down 6 percent from

last year and the number of students admitted was down 9.2 percent. "When the final figures are in this fall, we could see a reduction of between 5 percent and 7 percent in the size of the freshman class," Smith predicts. Last year Mizzou had 2,951 freshmen, which was down by 462 students from the previous year.

Those admitted thus far, however, possess strong academic credentials. More than 62 percent scored 24 or higher on the ACT, compared with 58 percent last year. More than 57 percent ranked in the 80th percentile of their high school graduating class, up from 55 percent in 1992-93. There also is an

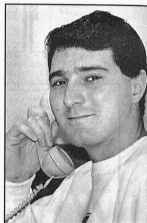
increase in the number of the state's Bright Flight scholars showing an interest in MU.

"MU is in need of scholarship support to increase its competitive position in recruiting students," Smith says. "However, it's very encouraging that the quality continues to increase."

Student-worker raises \$350,000 for annual fund

David Miles, an MU senior from Oregon, Mo., would like to manage a university fund-raising office in the future. He certainly is off to a good start.

Miles has raised \$353,000 for the Mizzou Annual Fund, an office of development program that encourages private annual support for MU's 16 schools and colleges. "An accomplishment like this is exceptional," says Kelle Silvey, AB '83, manager of annual giving. The program raises \$1.5 million to \$2 million in gifts and pledges annually.



David Miles

Graduate programs praised

The Gourman Report, which earlier this year placed MU first in the Big Eight for undergraduate academics, gives Mizzou high marks in graduate and professional programs, too.

The new sixth edition of The Gourman Report: A Rating of Graduate and Professional Programs in American and International Universities puts MU among the top 50 public universities in the nation and among the top 75 public and private institutions for excellence in graduate education.

In individual categories, the graduate program at the School of Journalism was ranked third in the nation; the College of Business and Public Administration's doctoral programs in accounting, finance, management and marketing topped the Big Eight; and programs in analytical chemistry and mass communication were ranked among the top 10 in the country. Other graduate programs with high national ranks include forestry, physiology, inorganic chemistry, organic chemistry, physical chemistry, meteorology/atmospheric sciences, agricultural economics, agricultural engineering and agricultural sciences, all in the top 15; industrial engineering, in the top 20; nuclear engineering and entomology, in the top 25; statistics, in the top 30; history, in the top 40; and civil engineering, in the top 50.

Among the professional schools, the College of Veterinary Medicine was ranked 21st nationally, the School of Medicine stood at 47th and the School of Law was ranked 55th. The Gourman Report contains ratings of leading institutions in more than 100 fields, in addition to rating the institutions' overall academic quality.

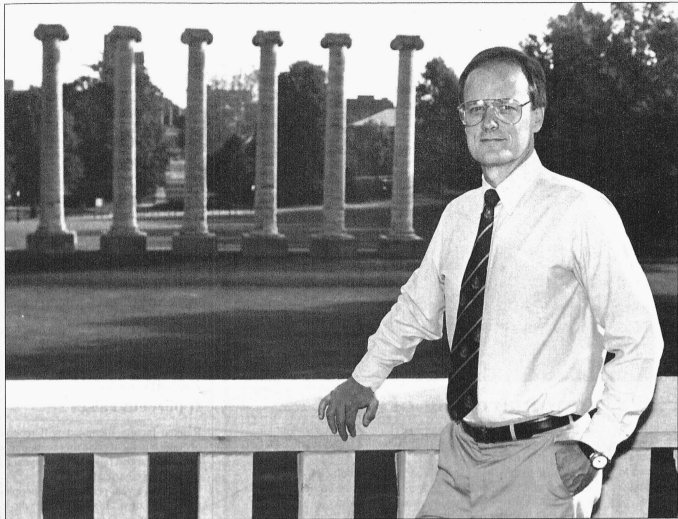


Options entice students to residence halls

While fewer freshmen may be coming to campus this fall, there's a good chance that more of them will be living in residence halls.

Roger Fisher, director of Residential Life, says his office has 100 more freshman housing contracts than it did at this time last year. He attributes that to three factors: more housing and dining options for students, a guaranteed single room if the student wants one, and a successful marketing campaign that included advertising on popular Columbia radio stations. "This past spring, 75 percent of our residents renewed their contracts," Fisher says. "It was the first time in at least 15 years that the renewal rate passed 62 percent."

Many of the options, such as a hall for juniors and seniors and another one for those 21 and over, came about as the result



Dr. Charles Schroeder wants to make residence halls more academically oriented.

Putting students first

Dr. Charles Schroeder, Mizzou's new vice chancellor for student affairs, has an idea for an MU slogan that reflects his division's commitment to students.

"Perhaps it should be 'YouMU' — You Matter to Us. We should embrace the simple notion that all students matter. When students feel connected, when they feel involved, they do well," he says.

A former adjunct professor of human development and counseling at Appalachian State University, he spent 11 years at St. Louis University where he was vice president for student development.

One priority Schroeder identifies is a continued emphasis on making student housing a more integral part of the student experience. "Perhaps we can create learning communities in residence halls around academic themes. We can pattern the freshman experience around academic success, and we can have a continued commitment to leadership development in students," he says.

Other positions held by Schroeder include vice president of student services at the Georgia Institute of Technology; dean of students and assistant professor of psychology at Mercer University in Macon, Ga.; and director of men's housing at Auburn University in Auburn, Ala.

of a survey Fisher's office conducted in 1992. "These changes are market-driven, as we had the opportunity to discover what students really wanted," he says.

Schurz Hall, closed part of last year because of a lack of residents, will reopen this year. In addition, Donnelly Hall will be reserved for first-time freshmen, with twice the usual number of resident assistants on hand. Academic advisers will be available to students at Donnelly, and a study partner program is being developed.

Employees to choose health-care options

Health-care reform has been sweeping the nation — particularly the attempt to manage costs — and the University is playing its part.

A 17-member faculty-staff committee in June presented a plan to UM System President George Russell that would offer three medical insurance options to employ-

ees beginning next year: a health maintenance organization, a point-of-service plan (also known as a primary care provider system), and a catastrophic plan. All options would help the University save money in health-care costs, Dr. Jim McGill, UM System vice president for administrative affairs, told the Board of Curators June 25.

McGill noted that in 1988 the University paid out \$23.5 million in medical claims, which had risen to \$39.1 million by last year. Costs could more than double again



Kevin Kastens promises to bring variety and more members to Marching Mizzou.

New marching orders

Kevin Kastens, the new director of Marching Mizzou, says alumni returning for football games this fall may notice some subtle changes in the big M of the Midwest.

"We plan to have a larger drum corps, and the block 'M' formation will be brought back," says Kastens, who comes to MU from Indiana University, where he was assistant director and primary drill designer of the Marching Hundred, IU's marching band. He predicts that Marching Mizzou will have 200 members this year, up from 125 in 1992. "I see no reason for a Big Eight marching band not to have 300 members," he says.

Marching Mizzou will focus on traditional music during pre-game shows, while the halftime programs will feature current music. "One week we might have jazz, another week music from Broadway shows, and another week something else entirely," he says.

Kastens also will direct Mini Mizzou, which performs at basketball games and other events, and will conduct MU's large symphonic band. He holds bachelor's and master's degrees from the University of Illinois.

In a related note, Patty Kesphol, BS Ed '68, the former coach and manager of the Golden Girls, will now manage Mizzou's spirit squad, which includes the Golden Girls, the MU cheerleaders and Truman the Tiger mascot. The new coach of the Golden Girls is Korene Ousley, a native of California who formerly coached the San Francisco '49ers dance squad.

by 1997, to \$90 million, if left unchecked.

"It is an imperative that we manage these costs, or we will see the price of medical insurance consume larger and larger portions of employee paychecks in future years," says Chancellor Charles Kiesler. "Unchecked costs could undermine other, higher priorities of MU."

Requests for proposals have gone out across the state to find a third-party insur-

ance company to administer the plan. McGiff told the curators he will give an updated report in September.

Alliance links alumni goals

Following a successful Legislative Day in Jefferson City this spring, the Alliance of Alumni Associations of the University of Missouri is planning its fall meeting.

The Alumni Alliance is composed of representatives of the various alumni groups in the four-campus system, including seven from MU: Paul Doll, BS Ag '36, MS '37, of Jefferson City; Jack McCausland, BS BA '60, of Lexena, Kan.; Nick Monaco, AB '52, JD '58, of Jefferson City; Dick Moore, AB '54, JD '56, of Ballwin, Mo.; James "Bud" Moulder, BS CiE '53, MS '55, of Columbia; Betty Spaar, BJ '54, of Odessa, Mo.; and Cordell Tindall, BS Ag '36, of Fayette, Mo. Jim Irvin, BS Ag '60, PhD '70, executive director of the MU Alumni Association, also is a member of the group, and Jim Snider, BS Ed '69, M Ed '71, JD '77, assistant to the UM System president for state governmental relations, is staff representative.

The alliance, formed in 1968, has three principal purposes: to advance the image of the University, to accomplish programs of mutual benefit to all campuses, and to provide the means for the interchange of ideas among the four associations.

Faculty to receive 6 percent raises

Ranked faculty members will receive an average 6 percent raise this academic year, one of the largest raises in recent years, says Chancellor Charles Kiesler.

"This is a year primarily for people, not things," he says. "It's the people who move this institution forward, and we need to invest in them." He notes that one of his priorities is raising faculty salaries to the midrange of public institutions in the Association of American Universities.

"If we want to attract and keep the best faculty, we have to compete successfully with the best universities," Kiesler says. All raises are based on merit and market considerations.

Other academic employees, including graduate assistants, will receive an average 4 percent salary increase, while staff members will receive an average 3 percent raise. Kiesler also says the University will establish three special pools of money: a fund ranging from \$300,000 to \$400,000 to assist academic departments for whom the continuing lack of equipment increases has been a special burden; a fund ranging from \$300,000 to \$400,000 for individual faculty members for special teaching needs; and a reserve fund of \$250,000 to address selected salary inequities among certain groups of non-academic staff members.

Kiesler's announcement comes on the heels of the Board of Curators' approval of the 1993-94 budget for the UM System. MU's operating budget for this year will be \$240 million, a state base budget increase of 1.84 percent.

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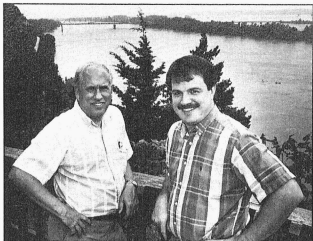
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Water law specialists, Peter Davis, left, and Jerry Organ, survey flood damage near Rocheport, Mo.



Making the case to insure against floods

People whose homes or land have been damaged by the great flood of 1993 may be able to recoup some of those losses through federal disaster relief. But it's a pretty sure bet there is not enough money to pay for everything.

That's why those who bought flood insurance probably made a wise choice, say MU law Professor Peter Davis and Associate Professor Jerry Organ, two water law specialists.

They point out that the government began promoting flood insurance after the floods of 1973. "Congress got tired of appropriating money for disaster relief," Davis says. "The idea was that if you live in a flood plain, you're taking a chance and should protect yourself." But not everyone got the message; Davis and Organ cite statistics estimating that 84 percent of those affected by the 1993 flood and eligible for flood insurance do not have it.

Those people will have to share in the estimated \$3 billion to \$4 billion that the government may make available in disaster relief this year. "The total price tag, though, is expected to top \$10 billion," Organ notes.

The situation points to a larger problem: Should the government step in and forbid home ownership in flood plains? "Traditionally, the federal government has stayed away from land-use issues like this, and I don't expect that to change," Organ says. "Americans are survivors — optimistic survivors. Flood victims are upset now, but most of them won't move. They'll say, 'We're OK. This won't happen again.'"

As of July 28, the flood of 1993 had taken 41 lives, damaged more than 24,000 homes and flooded more than 16,000 square miles of farmland in seven states. Will nothing good come of it? "You probably will see bumper crops in the river bottoms next year, and perhaps for the next several years," Davis says. —Terry Jordan

A flood of support

For most, the flood of 1993 stands as the worst in memory. Mizzou helped victims deal with both the short- and long-term effects through a variety of activities and free services.

"By providing relief to flood victims, MU put its limited resources to good use in supporting neighbors facing difficult situations," says Chancellor Charles Kiesler. "I'm proud of the University community's willingness to assist."

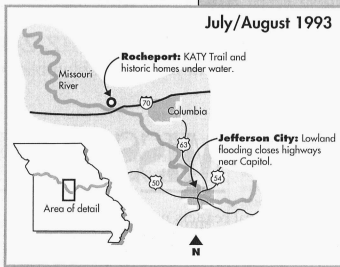
On the front line were Coach Bob Stull and Tiger football players who joined other MU students sandbagging in central Missouri. Food drives were held by the Staff Advisory Council and University Hospitals and Clinics. The Veterinary Teaching Hospital delivered pet food donated by the MU community to the Humane Society.

Meanwhile, MU's health professionals offered free services. Flood victims got tetanus shots from the Health Information Center in Columbia Mall and from an MU immunization center at the Rocheport, Mo., fire station. Nurses were available at the Health Information Center to answer questions. To ease the housing shortage, the Department of Residential Life offered rooms in Hatch Hall to temporarily house people displaced by the flood.

Plans and assistance were available on other fronts as well. The School of Social Work may urge its students from flood-ravaged communities to help out in their hometowns this fall. University Outreach/Cooperative Extension offices throughout the state provided technical assistance to victims. Livestock producers turned to the College of Veterinary Medicine faculty in dealing with water-borne diseases.

Agricultural Extension formed a task

force to provide information on issues that flood victims face when the waters recede. The task force, which includes experts in fire and rescue training, engineering, food and nutrition, and rural sociology, passed pertinent information on to county extension officials.



A mini-turkey processing plant is under construction at MU, "so we can conduct research and provide students with real-life training," says Dr. Jeffrey Firman, assistant professor of animal sciences. The plant, funded by a donation from Merck and Co., will be a small-scale version of a commercial processing facility and will process 500 turkeys a day. Firman says the automated plant will allow scientists to study the effects of nutrition and other treatments on the production of high-quality turkey meat, especially breast meat yield per bird.

For his contributions to dairy cow health, Professor H. Allen Garverick has received national recognition. He was presented the 1993 Upjohn Physiology Award by the American Dairy Science Association. Garverick is known worldwide for his study of cystic ovarian disease in cows, including the management of hormones to control the cysts.

ARTS & SCIENCE

Shorter names for numbers in the Chinese language could be the reason why Chinese children perform better in math than their American counterparts, according to a study by Dr. David Geary, assistant professor of psychology. The early Chinese advantage in basic addition skills is because the numbers in Chinese are easier to pronounce, he says.

As a result, Chinese children are able to use more sophisticated counting strategies to solve arithmetic problems than their American peers. And as predicted, Chinese children used verbal counting more often than American children, who more frequently used finger counting. Verbal counting is more accurate and faster than finger counting, thus giving the Chinese children an advantage early on.

Winning a prestigious research award is Dr. Michael Greenleaf, associate professor of chemistry. He was one of only 20 chemists across the country to be awarded a National Science Foundation Young Investigator award, and he was the fourth winner from MU in the past 10 years. Greenleaf's research, which deals with the deposition of magnetic metal on a thin film, has application to the computer industry. It could lead to faster semiconductors and more storage capability on diskettes.

BUSINESS & PUBLIC ADMINISTRATION

For the second year, 20 students will receive the Sam M. Walton Scholarship in Business. "The Walton Scholars are top-caliber students with a real interest in retailing," says Dean Bruce Walker. "These



Alumnus returns

Dr. Bob Dollar, interim dean of education, left, and Dean Emeritus Bob Woods, right, welcomed Robert Toulouse, BS Ed '39, M Ed '47, EdD '48, to campus in June. In 1990, the graduate school at the University of North Texas was renamed after Toulouse, who served there as graduate dean, provost and vice president for academic affairs.

bright, motivated young men and women uphold the high standards of quality Mr. Walton set for himself and his companies throughout his lifetime." The scholarships of \$5,000 a year, which are renewable for up to three years, stem from a \$3 million donation to the college by the late Sam Walton, AB '40, who opened his first Wal-Mart store in 1962.

The college's Mid-Missouri alumni chapter will hold its first event at 5:30 p.m., Sept. 9 at the Donald W. Reynolds Alumni and Visitor Center. The guest speaker is Jack Bush, BS BA '58, president of Michaels Stores, a chain of arts and crafts super stores whose headquarters are in Irving, Texas. For more information about the chapter, call President Rich Allen, BSF '62, MBA '89, at (314) 876-0381 or 474-8835.

EDUCATION

The very best people are urgently needed to lead the schools of our state and nation, says Tom Lawson, M Ed '61, EdD '70. That's why Lawson, the longtime superintendent of the Hazelwood (Mo.) School District, and his wife, Jeanne, established a scholarship for graduate students in educational administration. Lawson is now city manager of Poplar Bluff, Mo. and past president of the MU Alumni Association. He says the gift is "a way we can say thanks to those in the college who have had a positive impact on our lives." Each year the scholarship will allow the college to recruit and support at least one promising future school administrator.

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"Down Under" linked up with experts from Mizzou this spring through a teleconference aimed at beefing up career content in their classrooms. Drs. Norman Gysbers and Richard Lapan, professor and assistant professor of educational and counseling psychology, introduced Australian school counselors to the Missouri Comprehensive Guidance Program. The model program helps

state school districts plan and evaluate guidance programs. Gysbers developed the program in collaboration with counselors and administrators from across Missouri.

ENGINEERING

Secondary science teachers had a rare opportunity to attend a nuclear engineering

workshop June 21 to July 2 put on by the college's Engineering Experiment Station. Teachers toured the MU Research Reactor and learned about reactor chemistry, hot national nuclear topics, standardizing neutron spectrometers and nuclear medicine therapy.

FINE ARTS

She charmed audiences in Carnegie Hall and Lincoln Center, and sang as leading soprano with both the Metropolitan Opera and the New York City Opera during the same season. During her enormously successful career, opera diva Maralin Niska performed many times with such household names as Beverly Sills and Andre Kostelanetz. Niska will tackle a new role this fall as visiting professor of music and artist-in-residence at MU. Her years of experience provide a tremendous background with which to teach voice students at MU, says Dr. Melvin Platt, professor of music and director of fine arts.

HUMAN ENVIRONMENTAL SCIENCES

Armed with video cameras and the Federal Register, more than 60 professionals in environmental design, government and education fanned out across Columbia last November, evaluating public buildings for compliance with the Americans With Disabilities Act. It was part of a three-day conference organized by human environmental design faculty to help participants understand the far-reaching impact of the new federal law. They also were trained to identify architectural and communications barriers to the disabled.

The ADA, enacted in 1990, provides disabled individuals with comprehensive civil rights protection in employment, public accommodations and government services. In an article published this spring in the *Journal of Interior Design*, organizers reported that the conference boosted participants' understanding of the ADA by 25 percent.

Gotta give 'em credit. Students in consumer and family economics work nearly 1,600 hours each year as volunteers at the Consumer Credit Counseling Center in Columbia. The center provides free credit counseling to help area residents untangle their finances. Students contact creditors and clients, and assist the center's professionals with credit counseling.

Ed Metzzen, EDD '63, professor and chairman of consumer and family economics, says the experience puts students in touch with real-life situations. "Students are exposed to the human element. They gain knowledge about people's circumstances, concerns, fears, foibles and habits."

Manderino alleviates student stress

Although Mary Manderino teaches in the School of Nursing, her influence has been felt across campus. Manderino, associate professor of nursing, helped develop a stress management course that is popular among female students at MU.

She presents clinical workshops in such areas as assessing and treating battered women, working with depressed clients, assessing abnormal grief, and crisis intervention with women who have been assaulted.

Manderino received the Alumnae Anniversary Faculty Award. Presented each year since 1970, the award celebrates the 100th anniversary of the admittance of women to the University. It is awarded to a faculty member whose professional performance provides a role model for career opportunities for female students.

"Her teaching has a common theme which focuses on assisting women to transcend the stereotypic gender expectations and assist women to develop assertiveness," says one colleague. "She also addresses the importance of women supporting each other on a personal and professional level."

Manderino says, "One of the big issues in nursing is interpersonal stress. We want to help nurses be heard and make their ideas known.

"Over the years, nursing has been undervalued in many ways. I don't think people realize the physical and cognitive demands put on nurses in their everyday work. They have to make quick decisions, prioritize quickly and deal with conflicting demands from families, hospital personnel and other disciplines."

Besides Manderino, 10 other faculty members received various honors at the annual awards ceremony in May.

Dr. Douglas Randall, professor of biochemistry, was given the Byler Distinguished Professor Award. Drs. Virginia Huxley, associate professor of physiology, and Sherod Santos, associate professor of English, were recipients of the Chancellor's Awards for Outstanding Faculty Research and Creative Activity.

Dr. James Spain, assistant professor of animal sciences, received the Provost's Award for Creative Extension Programming by New Faculty, and Dr. Steven Graham, director of continuing professional education, was given the Provost's Award for Outstanding Achievement in Extension and Continuing Education. Four faculty members received the Provost's Outstanding Junior Faculty Teaching Awards: Drs. Daniel Frye, assistant professor of art; Craig Israelsen, assistant professor of consumer and family economics; Lee Jolliffe, assistant professor of journalism; and David Rayl, assistant professor of music. Costanza Cuccaro, professor of voice, received the Maxine Christopher Shutz Award for Distinguished Teaching.



Mary Manderino is one of 11 faculty members honored for teaching and research.

A T T E N T I O N A L U M N I

Don't miss the Homecoming Roar October 10-16

Join in the roar of Homecoming 1993 by bringing your family to the Homecoming Carnival or by joining your friends at the parade before the game.

You can even raise a hammer to help MU students build a house for Habitat for Humanity. Don't miss this chance to hear MU and Columbia roar!

'93 Homecoming Festivities Calendar

- Oct. 4-8:** Homecoming Blood Drive
- 11-12:** Talent Competition in Jesse Auditorium
- 14:** Multicultural Extravaganza
- 14-16:** Carnival at the Hearnes Center
- 15:** House and Outdoor Decorations
Habitat for Humanity House Tours
Spirit Rally and Bonfire
- 16:** Parade
MU vs. Oklahoma State at Faurot Field
Alumni Reception at the Reynolds Alumni Center
Campus Concert

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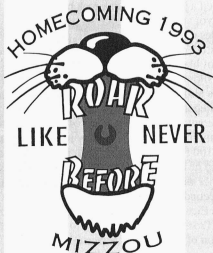
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Students snap up awards

Editing makes all the difference. Denny Simmons, BJ '93, of Long Beach, Calif., believes that editing, plus good photography landed him the title of College Photographer of the Year. "The editing can make the local stuff look good," says Simmons, comparing his entries to others from around the globe.

The competition, sponsored by Kappa Alpha Mu, the National Press Photographers Foundation and the School of Journalism, was held on campus in April.

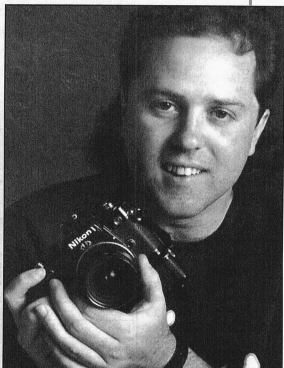
"I also think the judges saw the humor in my work. The pictures contrast each other," says Simmons. For example, he juxtaposed a picture of a punk rock band with the Hallsville, Mo., mayor attending a church service.

Besides eight single pictures, his portfolio contained a story about a student who got pregnant from a one-night stand. With 35 rolls of black-and-white film and seven months of time, his pictures showed her through the pregnancy and delivery. Simmons also won recognition in documentary and sports action categories.

As the winner, Simmons received a three-month internship at the National Geographic Society in Washington, D.C., a camera, 100 rolls of film and a cash prize of \$1,000. After the internship he hopes to work for a small-town newspaper.

Another winner was Jiro Ose, BJ '93, of Osaka, Japan, who placed second overall in the competition.

In the Pictures of the Year competition, graduate student Carmen Troesser of Frankenstein, Mo. placed first for her food illustration of a tomato. — *Nancy O'Connor*



Denny Simmons never dreamed he would be chosen College Photographer of the Year. "I just got lucky," he says. The photo at the top of the page added a touch of humor to Simmons' portfolio.

Kids with severe disabilities are entering Missouri schools in ever-increasing numbers. Many of those children need special services — such as physical, occupational and speech therapy — that are provided by MU graduates. When kids with special needs receive those services early, they're likely to have fewer problems when they get older.

Nearly half the speech and language pathologists who graduate from MU practice in school settings their first year out of school. And even then schools struggle to hire these specialists. Measured by job vacancies, speech and language pathologists are the most-needed employees in Missouri schools.

JOURNALISM

A new study shows 1992 was a good year for minorities in television journalism. Dr. Vernon Stone, professor emeritus, found that the minority share of the news work force reached a record high in television last year, although the number of journalists decreased a bit in radio. He also found that, while black and female journalists remained at about the same levels as 1991, Hispanics made substantial gains. His results show that minorities constituted 18.5 percent of all television news personnel in 1992, compared to 17.4 percent in 1991.

The 1992 figure is the highest since the annual surveys began in 1972 when only 12.1 percent of television news staffs were minorities. In radio newsrooms, 11.3 percent of the 1992 work force was minorities, compared to 11.6 percent in 1991. More than half of all minority journalists in the survey were black, but Hispanics are gaining steadily as more stations cater to the growing Hispanic audience. During the past two decades, the number of white males in broadcast have declined from 77 percent to 55 percent in television and from 87 percent to 63 percent in radio.

The American University in Bulgaria has a new journalism/mass communication program with the help of Professor Byron Scott. Located in Blagoevgrad, this program is the first of its kind outside the western world, Scott says. Working with Dr. Robert Kahan, the program's only full-time, non-visiting professor last year, Scott developed and taught the first three classes in the 11-course sequence. Kahan formerly taught at MU's School of Journalism. Balance, objectivity and fairness are new concepts to the recently freed press in the region, and Scott says the students welcomed the chance to learn how Western reporters operate under free political and economic conditions.

Timothy J. Heinsz, dean of law, was selected to a three-year term on the National Academy of Arbitrators' Board of Governors, a professional association for labor arbitrators. Heinsz has been a member of the Academy since 1981. An expert in labor law, employment discrimination and trial practice, Heinsz has been dean of the school of law since 1988.

LIBRARY & INFORMATIONAL SCIENCE

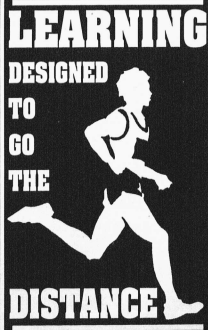
More than 140 librarians from six states met at Mizzou July 10 to discuss how librarians can help organize the wealth of information that is now available through Internet, a worldwide computer network originally formed to link scientists, which now brings information to libraries and universities. Paul Peters, president of the Coalition for Networked Information, urged participants to prepare for fundamental shifts in thinking about information acquisition, access and management.

MEDICINE

U.S. News and World Report has ranked the School of Medicine as among the top 20 comprehensive medical programs in the

country. The ranking was reported in the magazine's fourth annual edition of America's Best Graduate Schools, published March 22. "We are pleased to have our pride in this institution verified by the deans and residency directors surveyed for the U.S. News article," says Dean Lester Bryant. "The state of Missouri has a great resource in the MU School of Medicine." The first major genetic mutation directly linked to high blood pressure was discovered by a team of scientists led by a Mizzou researcher. Dr. George Cicila, research assistant professor of internal medicine, and his team identified a mutation in the genetic material of rats that links excess dietary salt to high blood pressure. Cicila now plans to test whether a similar mutation may be present in salt-sensitive humans. One day, the research could mean that individuals will know early in life if they have the genetic coding for hypertension. The discovery was announced in June at the annual scientific sessions of the International Society for Heart Research, which brought nearly 400 of the world's top heart researchers to Mizzou to discuss developments in the field.

As a two-time winner, MU is unique among medical schools. Two faculty members have received the American Kidney Fund's highest honor in separate years. In March, Dr.



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MU alum-A-F93

Zyblut Twardowski, professor of medicine, received the group's Torchbearer of the Year award for 1993. He was honored for his career accomplishments, which include groundbreaking research in peritoneal dialysis, a process that allows kidney patients to forego long hours tethered to a dialysis machine. Dr. Karl Nolph, professor and director of nephrology, received the 1990 Torchbearer award for his pioneering work on peritoneal dialysis.

NATURAL RESOURCES

The lonely song of a mourning dove can make a whippoorwill sound downright cheerful. Still, mourning doves are the most shot-at birds in America, says Dr. Tom Baskett, professor emeritus of fisheries and wildlife. Baskett should know — studying these speedy and elusive birds has been a big part of his life's work. In January, Stackpole Press published Baskett's *Ecology and Management of the Mourning Dove*.

Experts hail it as the definitive word on the topic, and many essays in the book were written by his former students. Before he retired in 1985, Baskett guided scores of students through research projects at MU's 2,300-acre wildlife research area south of Columbia. He supervised the area for 26 of his 32 years at MU, and in 1988 it was

renamed the Baskett Wildlife Research and Education Center.

NURSING

The new nurse-midwife program is recruiting faculty. Plans call for two nurse-midwives to join the school this fall, with a third coming on after one year and a fourth after the second year, says Dean Toni Sullivan. Work has begun to establish a practice for the program's clinical practicum. Sullivan anticipates the first class will begin in 18 to 24 months.

SOCIAL WORK

Under Communist rule, countries in Eastern Europe did not recognize child abuse as a serious problem, says Dr. Wilson Watt, assistant professor of social work. This summer, Watt was part of an international academic team that traveled to Lithuania to help communities set up programs to identify child abuse and neglect. "Now that the Communist regime has ended, the Lithuanian government began to recognize that these social problems exist," Watt says.

He hopes to make annual trips to Lithuania over the next three years to study local attitudes about violence toward children. Watt also will help train university

faculty, pediatricians, nurses and psychologists to identify and rectify child abuse.


VETERINARY MEDICINE

How much iodine is your cat eating? Although the iodine concentration is not listed on food labels, the recommended level in a cat's diet is between 1.1 and 23 micromoles/kilogram a day. Some canned foods on the market have 10 to 60 times that dosage, says Dr. C.B. Chastain, BS Ag '67, DVM '69, professor of veterinary medicine. At the MU Research Reactor, he used neutron activation analysis, a process in which a substance is bombarded with neutrons, to examine food content. Too much iodine in cat food can alter kitty's thyroid gland, which may cause thyroid tumors to grow, says Chastain, who focuses his research on whether iodine leads to thyroid tumor formation or makes existing tumors become dangerous.

A gift of \$667,727 from the estate of a prominent St. Louis dog breeder and author will aid in ophthalmology research. Ruth M. Krauechi, who died in 1988, specified in her will that half of the money be used for the study of animal eyesight and the other half for unrestricted uses. Krauechi owned and operated the Silver Maple Kennels, judged dog shows throughout the country, and was the author of two books on dogs.

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:

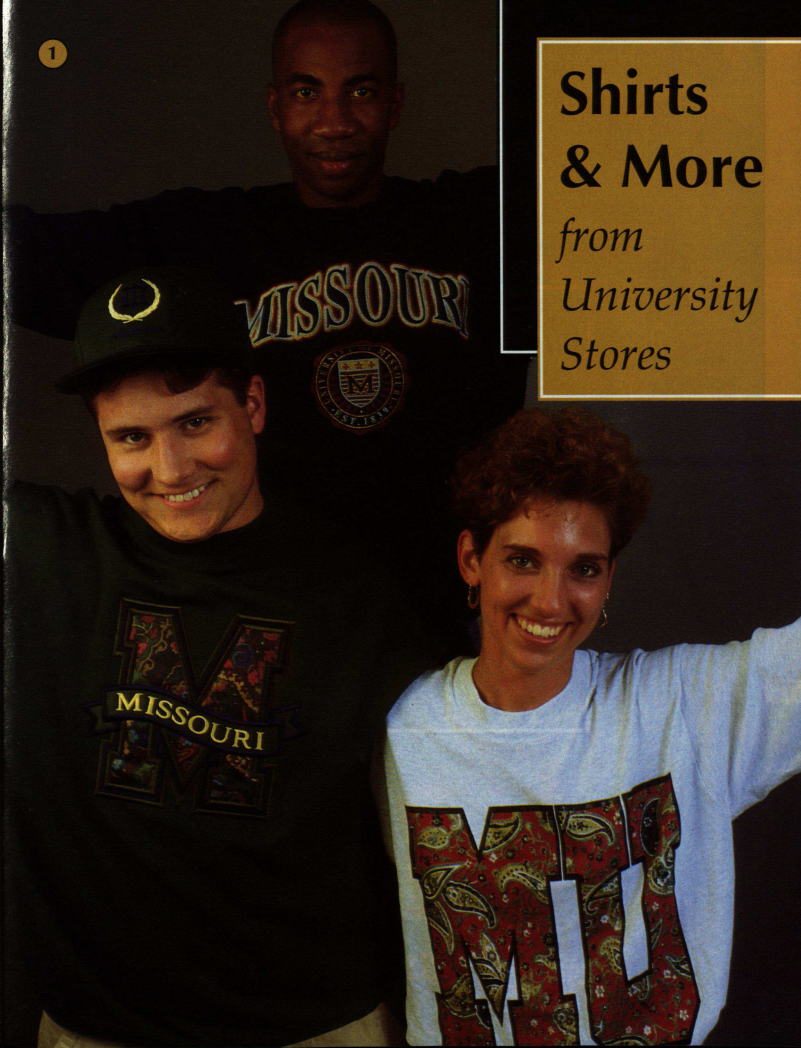
A. Sterl Artley Columbia, Mo.	William H. Gaines BS BA '55 Joanne Gaines Macon, Mo.	Thomas J. Lawson M Ed '61, EdD '70 Jeane S. Lawson Poplar Bluff, Mo.	Andrew Nash Lorna Nash Columbia, Mo.	Kenneth C. Smith AB '66, BF '67, MA '69 Ann Hudson Burr Smith AB '66 San Diego, Calif.
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Stuart A. Fraser AB '83 Armonk, N.Y.		John B. Miles Columbia, Mo.		

Jefferson Club 

For more information on how you can join the Jefferson Club and invest in Mizou, write Gretchen D. Collins, AB '51, BS Med '53, chairwoman, Jefferson Club Trustees, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211, or call (314) 882-6516.

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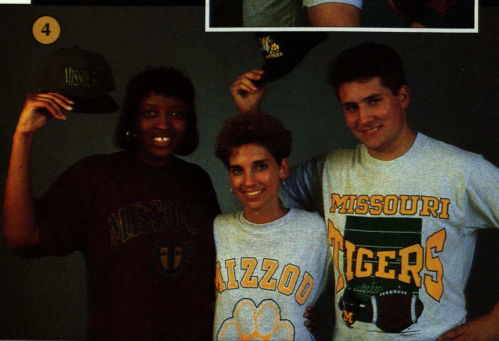
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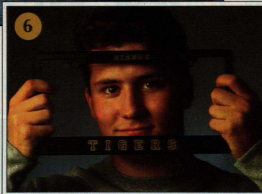


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- 2B. **MU CAP.** White. Navy plaid bill. Cotton twill. Navy embroidery. Also in red plaid bill with red embroidery. By Classic Sportsware. Adjustable strap. \$12.95
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- 3B. **TIGER SHORTS.** Gray. 100% cotton. Black and gold imprint. Two pockets. Drawstring waist. By Josten Sportsware. S,M,L,XL. \$16.95
- 3C. **MISSOURI T-SHIRT.** Navy with forest sleeve and maroon sleeve. 100% cotton. Forest and maroon imprint. By Campus Commodities. M,L,XL. \$17.95
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- 4A. **MISSOURI CAP.** Olive. Black bill. Cotton. Black and olive embroidery. By Classic Sportsware. Adjustable strap. \$14.95
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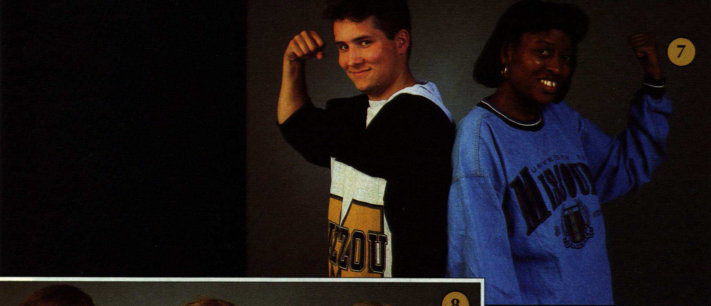
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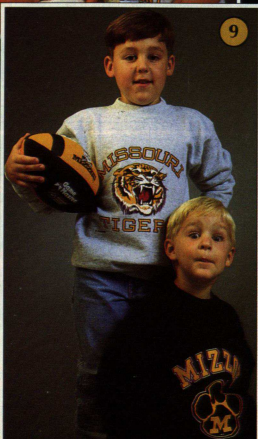
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7B. MISSOURI DENIM SHIRT. Blue. 100% cotton. Navy and maroon imprint. By Gear. M,L,XL. \$38.95

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8B. MISSOURI SHIRT AND SHORT SET. Gray T-shirt with red plaid imprint. Red plaid shorts. 100% cotton. By Rabbit Skins. 2,4,5,7,8—\$25.95

8C. MISSOURI T-SHIRT. Gray. 100% cotton. Black and gold imprint. By J-M Sportsware. XS,S,M,L. \$10.95.

9A. TIGER SWEATSHIRT. Gray. 50% cotton. Black, gold, white, red, and green imprint. By Josten Sportsware. S,M,L. \$17.95

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9C. MIZZOU SWEATSHIRT. Black. 50% cotton. Gold and white imprint. By Josten Sportsware. S,M,L. \$17.95



Jean Snider

Betting on MU

Jean Snider, BS Ed '70, is proud of her association with the University, and she challenges

alumni to do anything they can do on any level to get out the message that MU is the greatest. For Snider that sometimes means making public bets with a KU supporter in Harrisonville, Mo., where she serves as executive vice president of the Chamber of Commerce. Once when MU was victorious, she made the KU fan dress up in MU gear and dance on the town square. When KU won, she decorated her car with KU items and she jokingly had him arrested for putting obscene material on her car.

But Snider also takes her volunteer work seriously. A past president of her local

alumni chapter, she has served as a district director where she worked with alumni in a seven-county area. In July, she took over as treasurer of the national board. "You can get real fired up as a volunteer," she says. "Anything I can do every year and every day to promote the University, then I do it. I've always worked for the University and always will."

Homecoming 1993 — "Roar like Never Before" promises fun for the entire family. Join Dan Devine at the bonfire just south of the Reynolds Alumni Center after viewing the house decorations Oct. 15. And for kids of all ages a carnival is planned for Oct. 14 through 16. Students for the second year are building a Habitat for Humanity House, and a concert will be held Oct. 16. Of course, don't forget to help with the MU/OSU "Out for Blood" alumni challenge. Alumni are joining together to give more to the Homecoming blood drive than OSU. See Page 47 for more information.

New graduates can join the Association at half price for two years. Call (314) 882-6611 to take advantage of this special offer. **Football brunches** before each home game at the University Club will give fans the energy to cheer the Tigers to victory. The price is \$9.25 for adults and \$4 for children under 12. Club members also will want to sign up for the wine tasting events Sept. 23, Oct. 21 and Nov. 11. Call (314) 882-2586 to make reservations for any of these events.

Pictre your Tourin' Tiger photograph in the *Missouri Alumnus* magazine, and win a discount on your next Tourin' Tiger trip. If you have a beautiful Alaskan sunset, a panoramic shot of the Great Wall of China, a romantic moment in a Parisian cafe, or any other dynamic photo showing the area or people you visited. Call Rob Hill at (314) 882-7357 for an official entry form. The best photographs taken on Tourin' Tiger trips will be published in an upcoming issue.



Officers of the 1993-94 MU Alumni Association's executive board are, seated, from left: Carolyn Wiley, president-elect; Brock Hessing, vice president; and Jean Snider, treasurer. Standing are: Tom Lawson, past president; Rusty Jandl, vice president; Gerald Johnson, president; and Dick Moore, past president.

good



better



best



Make a change for the best. Missouri's best.

Because when you switch to Truman the Tiger personalized license plates, you support academic scholarships for Missouri students.

That's right. With only a \$25 scholarship donation, you can show your Tiger spirit on the road and become a top-notch supporter of MU and Missouri. To get the wheels rolling, return the coupon below with your donation.

These official plates, issued by the state's Department of Revenue,

are available to any Missouri motorist. The \$25 scholarship donation is the only charge over and above the cost of personalized plates.

Personalized MU plates may include from one to five characters. Be a clever cat. Tell the state you're a first-rate MU supporter, and make the switch to collegiate plates today!

I want to apply for MU plates. My \$25 scholarship donation is enclosed.

Name _____

Address _____

City/State/ZIP _____

Area code and telephone number _____

After receiving your donation, we'll send you a form with instructions for obtaining MU plates. Make checks payable to the University of Missouri.

Clip and mail to MU Alumni Association, 123 Reynolds Alumni Center, Columbia, Mo. 65211.



The class of '43 held its 50-year reunion April 29 through May 1. Attending were, top photo, first row, from left: Mary Frances Potter, Columbia; Jane Cropp Pokorny, Sonoma, Calif.; Jean Ayers Buehler, St. Louis; Genevieve Drake, North Kansas City, Mo.; Jean Welch Boyer, Denver; Inez Reser, Osceola, Mo.; Eleanor Woods Drake, Warrensburg, Mo.; Ruthanna Becker Turner, Columbia; Ruby Rumbaugh Robinson, Hallsville, Mo.; Ilene Bangert Ford, Columbia; Evalyn Martin Winkler, Harrisonville, Mo.; and Betty Geisert Rademaker, Marion, Ind. Second row: Laura Cramer Miller, Belmont, Mass.; Lois Sparling Schilling, Artesia, Calif.; Patricia Dickie Funk, Ballwin, Mo.; Elaine Palmer Kenley, Oro Valley, Ariz.; Collins F. Kindred, Smithville, Mo.; Otis Reser, Osceola, Mo.; Lynd Cohick, El Paso, Texas; Clarence Gonnerman, Columbia; Alice Donaldson, St. Louis; Annalee Barrett Church, Kansas City; Cynthia Johnson Hoffmann, Lenexa, Kan.; and Betty Baker, Mexico, Mo. Third row: June Pickett Barker, Hannibal, Mo.; David T. Raker, St. Louis County, Mo.; Darrell Eichhoff, San Diego, Calif.; Roy Schlemmer, Enid, Okla.; and Urban Wussler, Columbia.



Alumni had no trouble filling their plates at the Webster County chapter's annual chicken barbecue June 5. Ken Thompson, JD '76, second from left, was the master of ceremonies for the event.

First row: James K. Bishop, Spring, Texas; Jeanette Robitsher Pointon, Kansas City; Virginia Lee Zimmer Morrison, Midland, Mich.; Virginia Simon Sweitzer, Harrisonville, Mo.; Patty Stump Slocombe, Kirkwood, Mo.; Harriet Rex Feeney, Old Greenwich, Conn.; Mary Elizabeth Wheatley Tybergein, Hendersonville, N.C.; Beatrice Thrapp Zeeck, Lubbock, Texas; Geraldine Crump Stalzer, Kirkwood, Mo.; Nadine Breit Fehrman, St. Joseph, Mo.; Arthur W. Shannon, Lancaster, Pa.; and Norman R. Lay, Chandler, Texas. Second row: Elford W. Horn, Leawood, Kan.; Willard Haunschuld, Tillamook, Ore.; Coyne Lord, Lee's Summit, Mo.; Russell D. Hoffman, Highland, Ill.; George Sweitzer, Harrisonville, Mo.; James F. Chapman, San Antonio; James H. Bragg, Sarasota, Fla.; Carl Alberts, Hilton Head, S.C.; Robert Hess, St. Louis; Theodore R. Stalzer, Kirkwood, Mo.; Gerald E. Hughes, Columbia; Rollie G. Fehrman, St. Joseph, Mo.; and William Hungate, St. Louis. Third row: Joseph E. Burch, Redlands, Calif.; James Cremins, Richmond, Va.; Leonard Jackson, Norman, Okla.; Richard M. Phelan, Ithaca, N.Y.; William E. Morris, Wilmington, Del.; LeRoy J. Miller, Columbia; Murray Olderman, Rancho Mirage, Calif.; Bryan W. Rudder, Marathon, Fla.; John C. New, Lanham, Md.; Owen B. McBee, St. Louis; and William H. Crouch, Topeka, Kan.



Charlie Gilbert, BS BA '78, and his wife, Cindy, joined more than 500 other Association members at the St. Louis chapter's Mizzou-at-the-Zoo event. The group met at the St. Louis Zoo's new Lakeside Cafe July 24 for an evening of fun, food and friends. A silent auction and T-shirt sales raised money for scholarships.



First row: Thomas P. Fitz, Farmington, Mo.; Norma Epperly Wiley, Marionville, Mo.; Lou Anna Cupps Wade, Gainville, Mo.; Lulu Ann Chappell Dawson, Mexico, Mo.; Nancy Graham Rudder, Marathon, Fla.; Anne Shibley Ball, Carrollton, Mo.; Ruth Lusk Leaverton, Des Moines, Iowa; Mary K. Farnen Riley, Des Moines, Iowa; Audrey Erdsiek Gundy, Garland, Texas; Bernice Hitzemann White, Norborne, Mo.; Thomas C. White, Norborne, Mo.; and Henry Krusekopf Jr., Midland, Texas. Second row: Jess L. Brents, Independence, Mo.; Jeanne Taylor Barr, Columbia; Harold V. Biellier, Columbia; C. K. "Ken" Cloninger, Hendersonville, N.C.; William E. Lane, Perry, Mo.; Herman Childress, Seymour, Mo.; Harry "Bud" Ball Jr., Carrollton, Mo.; Warren Beck, Marshfield, Mo.; Ryland A. Miller, Sweet Springs, Mo.; William V. Crook, Dallas, Texas; Melvin Kenley, Oro Valley, Ariz.; Raymond A. Kimmel, Fayette, Mo.; Thomas M. Carter, Hartsville, Mo.; and Charles M. St. John, Columbia. Third row: Fred Meinershagen, Columbia; John L. Mowrer, Columbia; David Gibson, Gower, Mo.; George W. Marshall, Marshfield, Mo.; H. D. McFarland, Eureka, Mo.; Emerson G. Smith, Centerville, Colo.; John E. Brown, Chesterfield, Mo.; Fred Koehler, Pullman, Wash.; Hubert J. Shade, Defiance, Mo.; Lloyd K. Turner, Columbia; Charles H. Sanders, Warrensburg, Mo.; and William M. Day, Harrisonville, Mo.



Marty Schaller, AB '63, left, his wife, Mary, and Maj. Rich Britton, AB '77, met with more than 85 other Association members and their families when the Washington, D.C., chapter got together June 12 at Fort McNair for a barbecue, softball and volleyball. At the group's next event Oct. 4, Chancellor Charles Kiesler and Athletic Director Dan Devine will meet MU alumni at the Fort McNair Officers Club.

Devine, Irvin still out to bury the bird

If you read the score in our last issue, you saw that KU was way out ahead of us in percentage of active alumni to overall graduates. Like 35 percent to 18 percent.

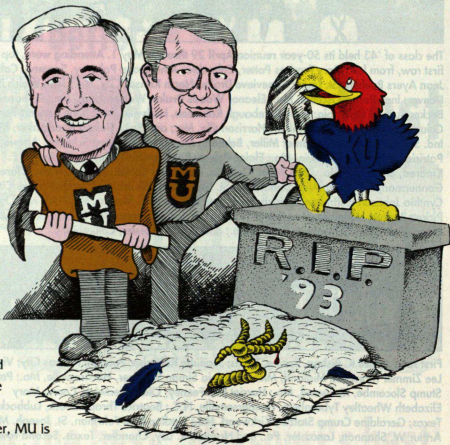
A proper question is: Is this disparity a reason for me to answer Dan Devine's and alumni director Jim Irvin's call to join the MU Alumni Association . . . and help bury that difference?

What this disparity reflects should make you stop and think. The difference in numbers seems to say that KU graduates feel a greater respect and sense of accomplishment for their university than many of our grads.

Great things are happening here, even during tough financial times. MU was named the tops scholastically in the Big Eight by the 1993 Gourman Report. And, as an Association of American Universities member, MU is in the top 1 percent of all institutions. You have every reason to take pride and "come back" to your University by becoming an active member of your Alumni Association. Your participation can keep this record of achievement moving forward.

Just for fun, we'll even recognize you with a "I helped bury the bird" certificate when you do.

P.S. A reminder. Just because you receive this magazine does not mean you're a member of the MU Alumni Association. It goes to all graduates.



I'm with you, Dan and Jim. I hate running second to the Jayhawks.



Membership Types:

- Individual, Annual \$30
- Individual, 65 and Older \$20
- Mr. and Mrs., Annual \$45
- Mr. and Mrs., 65 and Older \$30

Send information on joining the University Club, the new dining and lounge facility, located in the Donald W. Reynolds Alumni and Visitor Center.

Name _____
Address _____
City _____ State _____ ZIP _____
Home Phone _____ Work Phone _____
Class Year _____ MU Student Number _____ Division _____
 Spouse attended MU Spouse name _____ Birth date _____
Return this form with your check payable to **MU Alumni Association** or charge to:
 VISA MasterCard Card# _____
Expiration date _____

(Signature required for credit card use.)

Return to: MU Alumni Association Membership
123 Reynolds Alumni Center
Columbia, Mo. 65211

THE THIRTIES

Hal Kopel BJ '31, MA '32, of McAllen, Texas, serves as president of the trustee board of the McAllen International Museum, secretary of the McAllen Citizen's League, treasurer of the Hidalgo County Historical Society and treasurer of the McAllen/Upper Rio Grande Cultural Affairs and Arts Council. Kopel was president of Coronet Films in Chicago, before he retired.

Gregory Hutchison, AB, BJ '32, MA '39, and **Mary Folse Hutchison**, AB '31, MA '32, PhD '34, of Washington, D.C., celebrated their 50th wedding anniversary March 12.

George Bobbitt, AB '33, and wife Helen of El Dorado, Kan., celebrated their 55th wedding anniversary April 9.

Ellagwen Shaw Green, BJ '35, of Palm Beach, Fla., received an honorary doctor of journalism degree in May from Hillsdale (Mich.) College. She is a former feature writer, travel editor and columnist for the *Dixon (Ill.) Telegraph*.

Abbott Ferriss, BJ '37, of Atlanta edits and publishes SINET, a newsletter on social indicators and quality-of-life studies.

THE FORTIES

Beryl Reubens, BJ '40, of Greenbrae, Calif., last spring was chosen Outstanding Senior Citizen of Marin. He was nominated by the Marin Commission on Aging, for which he has served for more than 15 years as chairman, moderator of public events and writer/editor of commission publications. He is a co-founder of the Marin Senior Information Fair and a former senator in the California Senior Legislature.

Janet Taylor Ludwigs, BS Ed '44, of Kansas City created a savings program for all students in the Center School District. The program has won the Dora Maxwell Award from the Credit Union National Association and was a regional finalist in the Kraft Foods and Walt Disney World Co. Award for outstanding school volunteer awards.

Amy Patterson King, BS Ed '49, received a 1993 ECU Foundation Professorship from Eastern Kentucky University-Richmond, where she is a professor of mathematics, statistics and computer science.

THE FIFTIES

Madge Fisher Harrah, BS Ed '52, of
FALL 1993



A new life together

After graduating from MU, **Carl Siegel**, AB '35, BS Med '38, MS '69, led a full life. He married, raised two children and retired from the Army in 1975 as a full colonel. Several years after becoming a widower, Carl met again **Emily Krusekopf Norbury**, BJ '36, BS Ed '66, the daughter of one of his MU professors. She, too, has a list of accomplishments, including raising six children and teaching in the New Franklin, Mo., school system for 23 years.

"After six or seven years of courting, we decided that we could get along and live together, so that's what we are doing," said Carl several weeks after their wedding on April 17 in New Franklin.

"Just in case anyone may wonder about marriage at 78 years of youth, it's equally exciting as if it were at 21 years," Carl says. — *Joan M. McKee*

The double ring ceremony of newlyweds Carl and Emily Siegel of Kansas City April 17 was a family affair. The bride's son performed the service while the groom's son assisted. Grandchildren and other family members made up the rest of the party.



**Keep friends informed.
Send us a class note.**

Class Notes Editor
407 Reynolds Alumni Center
Columbia, Mo. 65211



Fortune magazine featured Donald Steen's medical-care organization as a company to watch. With revenues of \$650 million last year, Medical Care America is helping lower health-care costs nationwide.

Steen's surgical centers lower patients' costs

Making life easier for physicians and patients is the job of **Donald Steen**, BS BA '68, president and chief executive officer of Medical Care America in Dallas. His company's 85 outpatient surgical centers help doctors serve their clients more efficiently and also help lower patients' costs.

More than half of all surgeries are done on an outpatient basis, says Steen, who serves on the College of Business and Public Administration's Strategic Development Board. "The doctors prefer our outpatient centers because they are more convenient and are dedicated to specific purposes." At regular hospitals, surgery that is not life threatening takes second priority. Since Steen's centers do not take emergencies, surgeons can keep their operations on schedule. The patients also appreciate the convenience and the cost savings — operating-room fees often are 20 percent less than hospitals charge, Steen says. This is because many of the centers are specialized and do not need to have on hand all the equipment that hospitals need.

Equally important to Steen, who started his company in 1981, is making patients more comfortable. "People prefer to go home," he says. As a result, his company has set up the nation's second largest infusion therapy home-care service. These 55 centers across the United States allow people who need intravenous services to remain at home instead of having to go to a hospital. In-home infusion therapy is a growing field, Steen says. "Our business is to take care of people less expensively in the home." — *Joan M. McKee*

Albuquerque, N.M., was an instructor for the Highlights Foundation Writers Workshop July 17 through 24 in Chautauqua, N.Y.

Rowland Elzea, AB '53, MA '56, has retired after 34 years as chief curator of the Delaware Art Museum in Wilmington. He now resides in Kent, England, and has been appointed honorary research fellow by the University of Glasgow, where he helps edit the letters of James McNeill Whistler.

Nellie Davis Wells, BS Ed '57, celebrated her 100th birthday July 18 at Lenoir Health Care Center in Columbia, where she has resided since 1988.

Jim Pullen, BS Ed '58, M Ed '63, is a consulting psychologist and vocational analyst for Vocational Economics Inc. in St. Louis. He retired June 30 from Central Missouri State University-Warrensburg as professor and chairman of psychology and counselor education.

THE SIXTIES

Hank Fisher, BS Ed '62, M Ed '70, retired June 30 from Columbia's public school district, in which he was an administrator for 28 years. Since 1985 he served as the

district's deputy superintendent.

Dee Wampler, BS BA '63, JD '65, a criminal trial attorney in Springfield, Mo., has published three books on *Missouri Criminal Law* that have been distributed to 25,000 law enforcement officers statewide. His *Defending Yourself Against Cops*, a guidebook to constitutional rights, was published in June. He and his father, **Homer Wampler Jr.**, JD '38, are associated with the firm of Wampler, Wampler and Catt.

William Kimsy, BS BA '64, of Los Angeles has been promoted from vice chairman, Western region, to a co-chairman of Ernst and Young.

Robert Sandfort, BSEE '64, MS '66, PhD '71, is president and chief operating officer of MEMC Electronics Materials Inc. of St. Peters, Mo. Sandfort of St. Charles, Mo., was president and corporate vice president of MEMC-U.S.

John Finkes, BS IE '65, has been promoted from general sales manager to vice president of sales for The George Evans Corp. in Moline, Ill., a supplier of custom fabricated metal parts.

Stephen Turek, BS Ed '65, M Ed '67, PhD '72, of Overland Park, Kan., is the data administration project manager at Hallmark

Cards Inc. in Kansas City, Mo. He has been elected vice president of administration of the Kansas City chapter of Data Administration Management Association for 1993.

Vince Paolillo, M Ed '67, EdD '82, is director of secondary education for the St. Joseph, Mo., school system.

Amy McCombs, BJ '68, AB '69, MA '72, is president and chief executive officer of Chronicle Broadcasting Co. and president and general manager of KRON-TV in San Francisco.

Larry Moore, MA '68, managing editor of KMBC-TV in Kansas City, received the Circle of Champions Award May 16. The honor is presented annually to an individual who exemplifies the ability to achieve success in overcoming setbacks. Moore underwent successful treatment for lymphomatic cancer and stayed on the job sharing his experience with television viewers throughout his ordeal.

Cheryl Dunlap Fairchild, BJ '69, and **James Howard Fairchild**, BSF '68, received in March the Presidents Award from the American Luggage Dealers Association for outstanding service to the national retailers group. The Fairchilds own and operate The Globetrotter Luggage and Gifts in Raleigh, N.C.

Veronica Nash Hamacker, BS Ed '69, of Salem, Mo., is the 1992-93 president of the Missouri State Teachers Association. She and her husband, John, announce the birth of Jonathan Bryce July 2, 1992.

Timothy Ned Taft, MD '69, directs the sports medicine program at the University of North Carolina-Chapel Hill.

Michael Wallis, Arts '69, an award-winning journalist and Pulitzer Prize nominee, in early June represented Columbia Pictures Television and NBC in a publicity tour from Santa Monica, Calif., to Chicago that kicked off the summer television series *Route 66*. Wallis of Tulsa, Okla., wrote *Route 66: The Mother Road*, considered the definitive book on the most famous highway in American history. From June 18 to 27, Wallis and his wife, **Suzanne Fitzgerald Wallis**, MA '69, M Ed '73, led a Smithsonian Institution study group along the legendary highway. Michael Wallis' other books include *Way Down Yonder In The Indian Nation*; *Oil Man: The Story of Frank Phillips and the Birth of Phillips Petroleum*; *Pretty Boy: The Life and Times of Charles Arthur Floyd*; *Route 66 Postcards: Greetings from the Mother Road* co-written with his wife; and *Mankiller: A Chief and Her People*, a collaborative work written with Chief Mankiller of the Cherokee Nation.

THE SEVENTIES

Thomas Fenton, MA '70, publisher of the

FALL 1993

El Paso (Texas) Times and former Associated Press bureau chief in Europe, is the European director for The Freedom Forum international division. His office is in Zurich, Switzerland. The Freedom Forum promotes free expression in the emerging democracies of Eastern and Central Europe and the former Soviet republics.

Chuck Howard, BS Ed '70, is president of the Milwaukee Teachers Education Association. He is an English teacher at Milwaukee Trade and Technical School.

Liz Schmitz, BS Ed '70, M Ed '75, EdD '80, is principal of Midway Heights Elementary School in Columbia. The school was selected one of America's Best Elementary Schools by *Redbook's* America's Best Schools Project. An article in the April issue of the magazine spotlights the 177 outstanding elementary schools selected nationwide.

Fred Streicher, BJ '70, is executive vice president and partner of Prospect Management Associates Inc. of Cedar Rapids, Iowa. He was vice president of advertising and public relations for Amara Refrigeration Inc.

Flora Ann Caldwell McGhee, MA '71, an assistant professor of journalism at the University of Mississippi since 1987, earned tenure at Ole Miss this past May.

Julia Peterson, AB '71, MA '72, in June received the Distinguished Member Award from the food, agriculture and nutrition division of the Special Libraries Association. Peterson is director of the information center at Cargill Inc. in Minneapolis, author of *Agricultural Information Resources Centers: A World Directory - 1990*, and associate editor of the *Journal of Agriculture and Food Information*.

Steven Bartels, BS BA '72, JD '75, and wife Cynthia of Leawood, Kan., announce the birth of Nicholas Scott March 4.

Donna Axtetter Vandiver, BJ '72, is founder and president of The Vandiver Group, a strategic planning, development and communications company in St. Louis. She was director of public relations at Monsanto Co.

Theresa Frick Levings, BJ '73, was chosen 1993 Woman of the Year by the Association of Women Lawyers of Greater Kansas City. She is a partner of Morrison and Hecker.

Bob Brendel, BJ '75, and **Martha Watkins Brendel**, AB '86, of Columbia announce the birth of Robert Paul March 5.

Daniel Holody Jr., MA '75, received a 1993 Nuclear Regulatory Commission Meritorious Service Award for administrative excellence. He is an enforcement officer at the NRC's regional office in King of Prussia, Pa.

W. Joseph Ketcherside, AB '75, is an associate professor of neurosurgery at the

University of Missouri-Kansas City and chief of neurosurgery at Truman Medical Center in Kansas City.

Ethel Pitts Walker, PhD '75, of San Francisco was honored July 31 in Savannah, Ga., by the Consortium of Doctors, the only group of its kind in America with the sole purpose of inspiring other African Americans who are trained and qualified for the job market but are not employed or are underemployed. The organization is made up of physicians, lawyers, judges, engineers, ministers, dentists, writers educators and veterinarians, all of whom have earned doctoral degrees. Walker is an associate professor of theater arts at San Jose State University and executive director of the African American Drama Company of California.

Kerry Bramon, AB '76, of Columbia is president of Kerry Bramon Remodeling and Design, which was recognized as a "rising star" in *Remodeling* magazine's 1993 Big 50 Hall of Fame.

Tommye Morris Wealand, BJ '76, is director of strategic marketing for Sprint Consumer Services Group in Kansas City. Formerly, she was president and chief operating officer of Sandven/MRA in Overland Park, Kan.

Judge Ann Kettering Covington, JD '77, on July 1 began serving a two-year term as chief justice of the Missouri Supreme Court. Covington of Columbia was named to the court in 1988.

Katherine Bouman Hallock, BJ '77, of Wexford, Pa., is the creative director at Leadsources Inc., a financial direct marketing agency in Pittsburgh, where she was co-owner and vice president of operations of Communifax Corp.

Janet Tupper, BJ '77, and Greg Rupert of Kansas City announce the birth of daughter Dylan Aug. 24.

Dennis Hinkamp, BS '78, MS '80, received the 1993 Award of Excellence for writing from the Agricultural Communicators in Education. He is consumer information writer at Utah State University-Logan.

Nancy Muller Mednik, BS HE '78, has formed Saint Louis Design Associates in Creve Coeur, Mo.

James Pulcrano, BS ME '79, is director of marketing for the International Institute for Management Development of Lausanne, Switzerland.

THE EIGHTIES

Traci Byrne Benesh, BS Ed '80, and husband Bruce of Trophy Club, Texas, announce the birth of Barrett Travis May 1.

Karen Miller Montalto, BJ '80, and husband A.J. of Blue Springs, Mo., announce the birth of Kyle Joseph May 14.

Ann Mozo, BHS '80, of Durham, N.C., is

manager of clinical monitoring at ClinTrials Inc., a pharmaceutical research organization in Research Triangle Park, N.C.

Bob Jacobi Jr., BJ '81, is Kansas City Press Club Member of the Year for 1993. Jacobi, associate director of public relations and marketing at Rockhurst College and a master's candidate in its business administration program, is immediate past president of the club, a local chapter of the Society of Professional Journalists.

Alison Kemp Muehlhauser, BS BA '81, and husband Charles of Affton, Mo., announce the birth of Carlyn Elizabeth May 15.

Darrell Hartley, BS CIE '82, was chosen Young Engineer of the Year for 1992 by the Southwest Florida branch of the American Society of Civil Engineers. He is a project and materials engineer with the Fort Myers, Fla., branch of Ardaman and Associates Inc., a consulting firm in geotechnical, environmental and materials engineering.

Maura Walker Pfeiffer, BHS '82, and husband Greg of Ketchum, Idaho, announce the birth of Andrew Walker June 7.

Larry Rose, BJ '82, and **Betsy Bohannon Rose**, BS '82, of Ashland, Ore., announce the birth of Katharine Lynn March 28.

Richard Angeloni, BJ '83, of Antioch, Calif., is manager of community relations at Washington Hospital Healthcare System in Fremont, Calif.

Michael Muhlbaueer, DVM '83, who received a master's degree in nuclear medicine in 1992 from the University of Illinois, owns Veterinary Radiology Consultants in St. Louis.

Julie Brown Tockman, BS Ag '83, is director of the agricultural services division of Dorf and Stanton Communications Inc. in St. Louis.

Robert Bestgen, BS Ag '84, and **Karen Collier Bestgen**, BS Ed '84, of Sioux City, Iowa, announce the birth of Baylor Collier March 22.

Eric Lance McCarthy, B&PA '84, is director of development and industrial policy for the St. Louis Economic Conversion Project.

Michael Reimund, AB '84, and wife Bernadette of Pittsburgh announce the birth of Angela Yvonne May 24.

Bill Smith, BS ME '84, of Kansas City in May received a master's degree in mechanical engineering from the University of Missouri-Kansas City. He is a senior engineer for Allied Signal Aerospace Co.

Mark Bonavia, BJ '85, is manager of strategic communications for Sprint in Kansas City.

Dana Colley, BJ '85, is assistant publisher of *Texas Monthly* magazine in Austin, Texas.

Richard Hughes DiMarco, BS Ag '85, DVM '88, opened his own veterinary prac-



Alumni at Shook, Hardy and Bacon include, from left: Robert Northrip, international group chairman of the litigation division; Harvey Kaplan, chairman of the pharmaceutical/medical device litigation division; James Beck, chairman of the health care and tax exempt organizations group; President Patrick McLarney; James Newson, shareholder in the litigation division's international law group; and David Wharton, chairman of the intellectual property practice group.

Class of '68 excels in law

Six members of the Law School class of 1968 are heading one of Missouri's largest firms.

"This firm has always hired a lot of MU law graduates," says Patrick McLarney, president of Shook, Hardy and Bacon, which has more than 175 attorneys, 50 of whom are MU alumni.

The firm, a premier national and international litigator in the area of product liability defense, has handled two of the nation's largest financial deals of 1992 — the sale of AFG Industries Inc. to GLAS International and the public offering of Marion Merrell Dow Inc. The firm also was lead counsel in the Kansas City Hyatt Regency skywalk disaster of 1981 in which 114 people were killed and many more injured when walkways collapsed during a dance in the hotel lobby.

With other offices in Kansas, London and Zurich, it's hard for the class of '68 to get together, but, when they do, they like to talk about their law school days.

Several classmates remember Professor William Pittman. McLarney recalls that students would set their soda on the concrete floors of Tate Hall and Pittman would walk by and kick the bottles down the hall.

Another favorite professor was Elwood Thomas, who later worked alongside his students at Shook, Hardy and Bacon and is now a Missouri Supreme Court justice. — Nancy O'Connor

tice in Jupiter, Fla. His wife, Mary Ann Eubank DiMarco, BSN '88, is a registered nurse in a neonatal intensive care unit. Carrie Williams Lewis, BS BA '85, and husband Jim of St. Louis announce the birth of John Wallace April 14. Linda Shepard, AB, BJ '85, is program coordinator at RARC in Jenks, Okla. The agency provides vocational and employment opportunities for adults with physical and mental disabilities and behavioral disorders. Julie Anderson, BJ '86, is editor in chief of *For the Bride* by Demetrios magazine in New York City.

Lisa Puettmann Hunt, BS BA '86, is the data base marketing manager for DePaul Health Center in St. Louis. She and husband Tony announce the birth of Hillary Terese June 3.

Jim McClain, AB '86, is co-author of the screenplay *Track Down*, which was bought by Columbia Pictures. The action-adventure film went into production this summer with two-time Oscar winner Jodie Foster in the lead role. McClain received a master's degree in screenwriting May 8 from Loyola Marymount University-Los Angeles.

Robert McMillan, MSW '86, is director of social services for Citizens Memorial Hos-

pital in Bolivar, Mo. John Mason, BS Acc, BS BA '86, of Florissant, Mo., is vice president and treasury accounting manager of Roosevelt Bank.

Bob Toy, BJ '86, is the national account manager, export, with Union Pacific Railroad in Omaha, Neb. He and wife Maureen announce the birth of Sarah Shannon May 25.

James Brownfield Jr., BS BA '87, has been promoted from municipal trading officer to assistant vice president of United Missouri Bank in Kansas City.

Sean Hood, BS BA '87, of Bedminster, N.J., received a master's degree in business administration from Emory Business School last spring. He is a project coordinator at Chubb and Son Inc. in Warren, N.J.

Michael Nogalski, MD '87, and Sarah Marcum Nogalski, BSN '85, of St. Louis announce the birth of Elizabeth on April 30.

Mark Hadler, BJ '88, is a photographer at WBFF-TV in Baltimore. He has won seven Emmys from the National Academy of Television Arts and Sciences, capitol region, for photography, audio, news series editing, documentary editing, and for producing news and investigative news series.

Dave Lengyel, MBA '88, received a master's degree in international affairs in May from Washington University in St. Louis. He is an FA-18 and F-15 pilot training instructor at McDonnell Douglas-St. Louis and flies with the Marine Corps Reserves at Naval Air Station, Atlanta.

Robert Rigdon, BS Cie '88, MS '90, is a structural engineer in the power division at Black and Veatch in Kansas City.

Jeff Carriger, AB '89, and wife Robin of Shawnee Mission, Kan., announce the birth of Cooper Payne March 27.

Stephen Haggerty, AB '89, MD '93, is a resident in general surgery at Rush-Presbyterian-St. Luke's Medical Center in Chicago.

Walter Pfeffer II, BGS '89, senior service and sales representative for Mutual of Omaha Cos. in Columbia, has been accepted into the 1993 class of Life Underwriters Training Council Fellows.

Kurt Soell, BS '89, of St. Louis is a project manager at Classic Woodworking Inc., which specializes in the design and manufacturing of custom office spaces.

Lizabeth Starnes, BJ '89, former director of information and publications at the Missouri Military Academy in Mexico, Mo., is director of communications for the Missouri State Medical Association in Jefferson City.

THE NINETIES

Kathy Porath Jacobsen, BJ '90, is an account executive for the *Atlantic* (Iowa)

Brenda Heffron Rigdon, AB '91, is an English teacher at Yeokum Middle School in Belton, Mo.

WEDDINGS

Emily Krusekopf Norbury, BJ '36, BS Ed '66, and **Carl Siegel**, AB '35, BS Med '38, MS '69, of Kansas City April 17.

Carolyn Kay Surllet Lemons, BSN '76, MS '88, and **Andrew Brice Greening**, MSW '85, of Hannibal, Mo., April 24.

Art Westhues, BS Ag '76, and Karen Kay Heisel of Glasgow, Mo., Jan. 23.

Jerry Griffen, BS FW '78, and Jacklyn Marie Meyer of Columbia May 1.

Michael Baker, JD '80, and Angela Gooding of Columbia April 10.

Elizabeth Brandon Thurmond, MEd '80, and William Lloyd Banton of Columbia April 3.

Doug Bange, BS Ag '81, and Carol Kolilis of Jefferson City May 15.

Bob Jacobi Jr., BJ '81, and Mary Barthelme of Kansas City May 21.

Laura Ann Forck, AB '83, BS BA '85, and Glen Edward Peterson of Ferguson, Mo., May 1.

Dana John Schelle, BS Ag '83, MBA '87, and Vonda Kay Baugher of Lee's Summit, Mo., Jan. 9.

Natalie Ann Smith, BJ '83, and Jeffrey Scott Merkow of Dallas Nov. 20.

Michael Jennings, BS Ag '84, and Lisa Ann Holbrook of Columbia March 13.

Mark Bonavia, BJ '85, and Victoria Henges of Kansas City Oct. 24, 1992.

Ken Flottman, AB '85, and Lisa Carolyn Marks of Gulfport, Miss., Jan. 2.

Julie Anderson, BJ '86, and John Slattery of New York City April 11, 1992.

Rebecca Ann Holtzen, BJ '86, and Curtis Walton Long Jr. of Paola, Kan., Feb. 20.

Douglas Alan West, AB '86, MS '90, and DeLise Ruth David of St. Louis April 17.

Kriste Ann Knollmeyer, BS Ed '87, and Wayne Eugene Ludwig of St. Louis June 12.

Lynn Ann Lightfoot, BS '87, and Scott Douglas Platter of Dallas April 17.

Stacie Leanne Schroeder, AB '87, and Robert Joseph Conrad of Webster Groves, Mo., May 22.

Doris Ann Stiefferman, BS IE '87, and Colen Powell of Greensboro, N.C., May 8.

Cindy Wilson, BS Ed '87, and **Gerald Scheier**, BS BA '84, of Independence, Mo., April 3.

Mary Ann Eubank, BSN '88, and **Richard Hughes DiMarco**, BS Ag '85, DVM '88, of Jupiter, Fla., April 10.

Debra Jean Foster, MA '88, and **Lorenzo Thomas Greene**, AB '74, of Jefferson City May 28.

Kimberly Kramme, BS Ed '88, and **Jeffrey**

Whited, MA '88, of Kansas City April 15.

Jackie Fay Barton, BS Ed '89, and **Jeffrey Scott Twehus** of Jefferson City June 26.

Kevin Lynn Allen, BS EE, BS CoE '89, and **Andra Lanelle Mullenax** of Paducah, Ky., May 29.

Alison Claire Dandoy, MA '89, MBA '90, and **John Edward Stuhr** of Greensboro, N.C., May 1.

Kurt Soell, BS '89, and **Julie Krone** of St. Louis May 22.

Lisa Ann Bradley, BS Ed '90, and **Randy Lee Hulett** of Jefferson City April 17.

Amy Theresa Foster, AB '90, and **Hong Hwang**, AB '89, JD '93, of Kansas City May 29.

Gail Sue Jones, BS Ed '90, and **Craig Alan Kaufman** of Prairie Village, Kan., May 8.

Susan LePage, MS '90, and **James McCoy** of Columbia May 28.

Stacey Michelle Lyng, BS Ed '90, and **James Eric Ross** of Fayette, Mo., April 30.

Shane Elliott Matzen, BS Ed '90, M Ed '92, and **Tina Louise Pryor** of Winfield, Mo., June 5.

Gregory Thad Fisher, AB '91, and **Kelly Kay Polk** of Holts Summit, Mo., May 15.

Timothy Joseph Frank, BS BA '91, and **Laura Lynn Ray** of Pensacola, Fla., April 24.

Yvonne Elizabeth Groner, BHS '91, and **Richard Dennis Nelli** of Memphis, Tenn., June 19.

Paula Lori McGarrah, BHS '91, and **Donald Michael Ward**, BHS '92, of Columbus, Kan., Dec. 5.

Kent William Nelson, BS CIE '91, and **Julie Kay Pace** of Jefferson City May 1.

Joann Podnar, AB '91, and **Kurt Nelson**, BS Ed '90, of Louisburg, Kan., May 8.

Jill Marie Poetker, AB '91, and **Bruce Edward Smith** of Chesterfield, Mo., June 19.

Cary Donald Sayre, BS AgE '91, and **Patricia Elizabeth Frank** of Jefferson City June 5.

Brenda Sue Thompson, BHS '91, and **Charles David Overschmidt** of Union, Mo., May 8.

Aaron Dean Atkins, BS '92, and **Catherine Marie Kintner** of Jefferson City March 20.

Joan Beth Case, AB '92, and **Kenneth Michael Pierson** of Tokyo May 1.

Kimberly DeBacker, BS Ace '92, and **Timothy Deveney** of Blue Springs, Mo., May 22.

Stephen Edward Gladbach, AB '92, and **Christine Ann Tichelkamp** of Jefferson City May 22.

Morgan Lynn Meyr, AB '92, and **John Thadeus Lake**, BS Ag '91, of St. Louis Feb. 20.

Tina Marie Owen, BS BA '92, and **Douglas Dean Neff**, BS BA '91, of Kansas City May 29.

Amy Elizabeth Proffer, BS '92, and **Tho-**

mas Edward Philipps of Jackson, Mo., Jan. 23.

Pat Stock, BHS '92, and **Chris Siefker**, BS '91, of Springfield, Mo., April 17.

DEATHS

Mary "May" Southern Wallace, Arts '11, May 18 in Independence, Mo., at age 98.

Virginia Louise Noel Watkins, BS Ed '20, May 13 in Bartlesville, Okla., at age 94. She was a schoolteacher.

Vincent Hamlin, Journ '21, June 14 in Spring Hill, Fla., at age 93. In 1933, he created the cartoon strip "Alley Oop" and continued to draw it for 40 years before turning it over to his assistant. Hundreds of the strip's original drawings, along with memorabilia from Hamlin's life, are housed in a special collections section at Ellis Library. The strip has run in the *Columbia Missourian* since 1940.

Ruth Ferris, BS Ed '22, MA '24, July 6 in St. Louis at age 95. She was a top river historian, assembling one of the largest, most significant riverways collections in the country. The collection, housed at Mercantile Library in St. Louis, includes 30 file cabinets of documents and hundreds of rare items from the height of the steamboat era. She taught for 35 years at the Community School in Ladue, Mo., retiring in 1957 as assistant principal.

Judge Charles Moore, JD '22, May 24 in Kahoka, Mo., at age 93. He practiced law in St. Louis for 45 years, was an associate circuit judge for Clark County for five years and prosecuting attorney for four years.

Dorothy Mantz Walt, AB, BS Ed '22, April 23 in Los Altos, Calif., at age 90. She was co-owner of the Martin Walk Insurance Agency until 1967.

Virginia Botts, BS Ed '23, M Ed '38, May 16 in Fulton, Mo., at age 92. She was an educator and school administrator for 43 years before she retired in 1966.

Bernice Turner Fleetwood, BS Ed '25, June 11 in Columbia at age 89.

David Hawkins, Engr '26, June 9 at age 88 in Shelbina, Mo., where he founded Hawkins Insurance Agency, now known as Hawkins-Ridgely Agency.

Carl Bonham Richardson, AB '26, May 24 in Tucson, Ariz., at age 89. He worked in geological reconnaissance in Mexico and South America, and he was a research geologist in Oklahoma and Texas before he retired.

Mary Frances Swinney, BS Ed '27, of Hardin, Mo., May 11 at age 87. She was a schoolteacher.

Arthur Wimmell, Journ '27, June 8 in Hot Springs, Ark., at age 90. He was editor and publisher of newspapers in Mississippi and Colorado.

Retired Brig. Gen. Loris Ray Cochran, Engr '28, April 23 in Columbia, S.C., at age 84.

Eugene Henkeling, BS Ed '29, MA '35, April 14 in Lakeland, Fla., at age 88. He was an educator and school administrator for 45 years before he retired in 1969.

C.W. Nibler, MA '29, of Lincoln, Neb., June 6 at age 88. He taught animal science and dairy production before he retired.

Fred Clarenbach, AB '30, MA '32, BS Ed '33, in Madison, Wis., May 28 at age 84. He was a professor emeritus at the University of Wisconsin, where he joined the faculty in 1945 and taught agricultural economics, political science and urban and regional planning before he retired in the early 1970s.

Mahlon Eubank, BS BA '30, May 15 in Fort Myers, Fla., at age 88. He retired in 1975 after 22 years at the New York Chamber of Commerce and Industry, where he was director of the social insurance department. Earlier, he worked for the U.S. Labor Department in Kansas City.

David Smith, AB '31, June 17 in Laguna Hills, Calif., at age 84. He was an executive for Trans World Airlines Inc., retiring in 1955.

Sherman Orin Berry, BJ '32, May 22 at age 83 in St. Louis, where he was a librarian at City Hospital from 1966 until he retired in 1979.

Louis Goodrich, MA '32, of St. Louis May 28 at age 99. He was a schoolteacher.

Ann Roach Manley, BS Ed '32, April 30 in Shawnee, Kan., at age 82. She was a schoolteacher. Among her survivors are two sisters, **Constance Roach,** AB '26, and **Emily Roach White,** BS Ed '37.

Carolyn Kushner Strode, BJ '33, June 5 in Tucson, Ariz., at age 80.

Allen Hughes, AB '34, May 7 at age 81 in Richmond, Mo., where he owned the Broadmore Finance Co. and co-owned Hughes Bank. Among his survivors is his son, **Newton Hughes,** BFA '90.

Guy Emerson Noyes, AB '34, July 4 in Naples, Fla., at age 79. He was an economist and directed research and analyzed trends for the Federal Reserve Board and later for the Morgan Guaranty Trust Co. He received a Faculty-Alumni Award in 1969 from the MU Alumni Association. His father, **Guy Lincoln Noyes,** was dean of medicine at the University from 1914 to 1930, and Noyes Building, home to the campus's Career Planning and Placement Center, is named for him.

Charles Allis, BJ '35, July 3 in Independence, Mo., at age 79. He owned the Allis Outdoor Advertising Co. before he retired in 1983.

Eleanor Davison Hamilton, BS Ed '36, of Richmond, Mo., June 21 at age 77.

Betty Smith Beachy, Journ '37, of Prairie Village, Kan., May 31 at age 74. She worked

for Trans World Airlines Inc. in the 1940s. **William Ray Denslow,** AB '37, BJ '38, June 20 in Trenton, Mo., at age 77. He retired in 1979 as editor of the *Royal Arch Mason* magazine, a national publication founded by his father in 1943.

Caroline Oleta Cunio King, BS Ed '38, Nov. 2, 1991, in Lakewood, Colo., at age 82. She was a schoolteacher.

Sam Pearson Jr., AB '38, July 3 in Prairie Village, Kan., at age 76. He worked for the Northwestern Mutual Life Insurance Co. for 50 years and was general agent for western Missouri.

Sidney Rainen, BS BA '38, June 9 in Houston, Mo., at age 76. From 1945 to 1965 he co-owned Rainen Furniture Co. in Kansas City.

Helen Landsiedel Williams, BJ '38, of Warrensburg, Mo., May 11 at age 76. She worked for the federal government in Washington, D.C., for 35 years, including 18 years producing movies for the U.S. Information Agency before she retired in 1974.

William Spencer Hayes, AB '39, MA '42, April 12 in Lexington, Ky., at age 75. He was president of Alice Lloyd College in Pippa Passes, Ky., from 1962 to 1977. Earlier he taught English, drama, music, physics, chemistry and history at the college and served as registrar and dean. Among his survivors is his wife, **Edith Worstell Hayes,** GN '41.

Chauncey Leeper, BJ '39, Dec. 7 at age 74 in Kirksville, Mo., where he operated the insurance and real estate agency of Huston-Leeper. Among his survivors is a son **John Leeper,** MBA '84.

Tyree "Tyke" Yates, M Ed '39, June 20 in Fulton, Mo., at age 79. He taught and coached golf and basketball at Webster Groves (Mo.) High School from 1941 to 1966. From 1966 to 1970, he was dean of men at Westminster College in Fulton and was director of alumni and parent relations from 1970 until he retired in 1985.

Woodson Fishback, BS Ed, MA '40, of Carbondale, Ill., May 27 at age 83. He was

a professor of education at Southern Illinois University for 25 years, retiring in 1972. **Saul Pett,** BJ '40, June 13 in McLean, Va., at age 75. He was a feature writer with The Associated Press for 45 years until he retired in 1991. In 1964 the AP appointed him a special correspondent, its highest title of recognition for reporters. Pett received the 1982 Pulitzer Prize for feature writing. He also received an honor medal from the School of Journalism and an award for distinguished writing from the American Society of Newspaper Editors.

William Petttyjohn, BS Ag '40, June 25 in Warsaw, Mo., at age 75. He retired in 1978 as area manager of TOSCO Corp. Among his survivors is a daughter, **Janet Morris Sloan,** BSN '66.

Lewis Sanders, JD '40, June 30 in Kansas City at age 75. He practiced law in Kansas City from 1942 to 1960, and later was executive vice president for the Coast Federal Bank in San Diego, retiring in 1983.

Leslie White, BS Ed '40, MA '42, April 30 in Kirksville, Mo., at age 74. He retired in 1978 as principal of the Rich Hill (Mo.) Elementary School. He also served as principal of Greenwood Elementary School and director of elementary education. For 12 years, he wrote "Recipes From Les White" for the *Kirksville Daily Express*.

Helen Morse, BS '41, May 16 in Raymore, Mo., at age 95. She was a home economist for Texas and Cass counties. Among her survivors is her brother, **True Morse,** BS Ag '24.

Wellington Thomas Taylor, BS Ag '41, of West Plains, Mo., April 17 at age 75. He worked for the Carnation Co. and for Mid-American Dairymen Inc. in Missouri, Arkansas and Tennessee.

Robert Taylor Davis, BS EE '43, of Hyattsville, Md., at age 73. Survivors include his sister, **Doris Louise Wallace,** MA '45.

Anne Hall, AB '43, of Roswell, N.M., June 27 at age 70. She was a school librarian and a volunteer for the Roswell Public Library.

Frank William Malewski, BS Ed '43, May 9 at age 76 in Independence, Mo., where he taught shop and drafting at Van Horn High School from 1960 until 1979. Earlier he taught music at Stephens College in Columbia, as well as played oboe for the college's Burrall Symphony and for the Chicago Civic Symphony.

Claude Kirkpatrick Leeper, BS Med '44, June 14 in Columbia at age 72. He retired from the University in 1987 as a professor of pathology. Memorials are suggested to the **Claude K. Leeper Scholarship Fund, School of Medicine, Columbia, Mo. 65212.**

Charles Emmons Cooper Jr., M Ed '47, EdD '53, June 15 in Warrensburg, Mo., at age 77. He was director of guidance for the Missouri Department of Elementary and

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Secondary Education.

Robert Lee DeWitt, M Ed '47, of Browns Spring, Mo., June 15 at age 82. He was director of transportation for a school district in the Kansas City area.

Thomas Glennon McCawley, BS Ed '47, June 22 in Webster Groves, Mo., at age 79. He was dean of Sawyer Business College and owner of the Porter Paint store in St. Louis.

Pollard Wreath, BJ '47, May 24 at age 71 in New York City, where he was employed with the advertising agency of Ogilvy and Mather Direct.

Harold Esser, Arts '48, May 15 in Kansas City at age 70. He was a stockbroker and investment counselor for VSR Financial Service Inc. He served in the Missouri House of Representatives from 1968 to 1984 representing the 18th, 33rd and 47th districts.

John Delbert Ratje, BS ChE '48, of Sun Lakes, Ariz., March 23 at age 71.

Wallace Francis Read, BS BA '48, MA '49, June 21 in Kansas City at age 72. He was a salesman for the National Furniture Co. before he retired.

Joseph Francis Carter, BS EE '49, Feb. 12 in Naples, Fla., at age 71. He was a regional sales manager for Westinghouse Corp. before he retired.

William Gosney, Arts '49, April 21 in Greensboro, N.C., at age 64. He worked for the Chase Bag Co. for 38 years before he retired. Among his survivors is his wife, **Lou Tuggle Gosney**, Ag '49.

Milton Goddard Klein, BS Ag '49, April 29 in Marshall, Mo., at age 68. He retired in 1984 as vice president of Equitable Life Assurance Society of the United States. Among his survivors in his wife, **Jean Hulse Klein**, Educ '49.

William Martin, BS Ag '50, April 12 in Doniphan, Mo., at age 68. He was head of the Production Credit Association.

Charles Donald Garnett, BS Ag '51, of Elsberry, Mo., June 26 at age 64. He was an instructor at the St. Charles (Mo.) Community College.

James Campbell, BS Ag '53, March 17 at age 61 in Muscatine, Iowa, where he was a technical service manager for Precision Foods.

Charles Holman Swarthout, BS Ag '53, of Wellsville, Mo., June 25 at age 64. He was owner-operator of Well-Mo Woodworking since 1960.

Harold Delbert Kerr, BS Ag '55, MS '57, of Dardanelle, Ark., July 1 at age 60. He retired last August from the University of Missouri-Columbia as an associate professor emeritus of agronomy. Memorials are suggested to the Harold Kerr Memorial Scholarship Fund, Development Office, 306 Reynolds Alumni Center, Columbia, Mo. 65211.

Estell lobbies for human services



As vice president of a lobbying firm in Washington, D.C., Anita Estell works on education, health, appropriations, community development and small-business issues.

For **Anita Estell**, 1993 has been a busy year. She left her job as a member of the Clinton/Gore Presidential Transition Team on Jan. 1 when she was appointed by President Bill Clinton to serve as a special assistant to Secretary of Education Richard Riley. For five months Estell, BJ '81, JD '85, helped with the reauthorization of the elementary and secondary education act, a \$10 million bill that promises to define Clinton's agenda for the nation's children. "It's a bold effort marked by reform," Estell says, "which targets assistance to people with the highest need." Some are the reforms included in the bill are mainstreaming bilingual children so they don't feel so isolated, increasing the level of expectations for disadvantaged children, and providing more technical assistance to teachers. "While it's still in the drafting stage, this bill promises to shape education for the next decade," Estell says.

Because of her interest in helping people, Estell says she left this job in May to become vice president of Van Scoyoc Associates, a government affairs firm. "I decided to become a lobbyist because I felt I could be more effective on the outside. I could represent a broader clientele and could be more effective in helping people who don't get to the table. Many people of color don't have resources to be heard in Washington, so I want to work with those people."

As part of her *pro bono* work, she works with a program that helps HIV positive and drug-exposed children who have been abandoned in hospitals. She also donates time to an inner city youth project that strives to integrate social services. "With urban blight and poverty, you can't treat it in isolation," Estell says. "You have to look at it in broad terms. My experience helps me do that." From 1987 to 1992, Estell was an associate staff member of the U.S. House of Representatives' appropriations committee, where she served as counsel and adviser and worked on a variety of issues including education, labor, health and human services, and housing and urban development. — *Joan M. McKee*

Chester Lynn Elmore, M Ed '57, of Rolla April 11 at age 80. He taught in schools in Missouri, Colorado and Texas.

Donald Wickizer Bailey, BS Ag '59, MS '66, July 2 in Kirksville, Mo., at age 56. He was an agrulturist for University Outreach/Cooperative Extension for 34 years, and District 3 representative for the MU Alumni Association for about 10 years.

Kensel Jay Leonard, BS Ed '62, April 25 in Palm Springs, Calif., at age 53. He taught business education at San Demas (Calif.) High School.

Helen Wietrick Weems, M Ed '62, May 1 in Pittsburg, Kan., at age 81. She was a schoolteacher.

Arthur Dobson, MS '68, June 12 in Columbia at age 75. As an ambulatory clinician for the College of Veterinary Medicine, he took students to farms to teach veterinary medicine under field conditions. He retired from the University in 1983.

Brian Waterman, BS Ed '70, June 29 in Columbia at age 39. He was sales manager of the Southeastern Higher Education District of Apple Computer in Atlanta. From 1980 to 1985 he was president and owner of Century Next Computers Inc. in Columbia.

Priscilla Gibbons-Brooks, AB '71, June 16 in Overland Park, Kan., at age 44. She was a social worker in nursing homes in the Kansas City area.

Catherine Burnes Beebe, BJ '73, AB '74, May 15 in Kirksville, Mo., at age 41. She worked as a reporter, editor, copy editor and columnist for the *St. Louis Post-Dispatch* and was sports bureau chief for the *St. Charles (Mo.) Post*. From the mid-'70s to 1982 she worked for the *Edwardsville (Ill.) Intelligencer* and for *The Kansas City Star*. **Bruce Strnad**, M Ed '73, PhD '79, June 12 in Columbia at age 45. He was a licensed psychologist with his own practice.

Mark Coffman, BS BA '74, May 22 in Kansas City at age 42. He owned River City Filter Co.

Bruce David Becker, BS BA '77, of Lenexa, Kan., May 23 at age 38. He was a certified public accountant for McKittrick, Kopel and Van Dyke.

Robert Mills, JD '78, April 24 in Washington, D.C., at age 40. He was an attorney for the Securities and Exchange Commission.

Robert Linden Wood Snodgrass, BS Ag '80, of Fort Lauderdale, Fla., May 16 at age 35. He worked at Maxaluna Restaurant in

Boca Raton, Fla.
David Bowen, BS Ag '82, of Osceola, Mo., Jun 20 at age 32. He was a farmer.
Connie Lynn Branstedt, BJ '84, AB '86, May 18 at age 31 in Fort Lauderdale, Fla.,

where she was a medical writer for the *Sun-Sentinel*.

Susan Kay Edmonds Newham, MSW '85, May 22 at age 44 in Bartlesville, Okla., where she was a children's thera-

apist at Grand Lake Mental Health Center.
Eileen Clare McHugh, BS Ed '89, May 23 in St. Louis at age 26. She was a special-education teacher.

FACULTY DEATHS

William Milton Hart of Madison, Miss., April 29 at age 79. From 1967 to 1979, he was the Roy E. Mason Distinguished Professor and department chairman of ophthalmology.

Harold Delbert Kerr, BS Ag '55, MS '57. See alumni section.

Claude Kirkpatrick Leeper, BS Med '44. See alumni section.

William Notebook May 31 in Columbia at age 59. He retired in 1992 from the biochemistry department as an associate professor. Memorials in his memory may be sent to the Development Fund, 306 Reynolds Alumni Center, Columbia, Mo. 65211.

BOOKS BY ALUMNI

Woman to Woman: Entrepreneurial Advice by **Marge Philippe-Kelley**, BS Ed '63, M Ed '74, is a calendar-planning book highlighted with quotations from 53 female entrepreneurs on how to get ahead in business. The book is available at University Bookstore, Brady Commons, Columbia, Mo. 65211 and from Philippe-Fenton, Motivation for Women, 244 Mid Rivers Center, Suite 178, St. Peters, Mo. 63376; \$8.95.

Children of Chernobyl: Raising Hope from the Ashes co-written by **Michelle Grimm**, BJ '66, is a narrative about Americans who bring medicine and medical supplies to hospitals in the former Soviet Union that treat children with leukemia, thyroid cancer, solid tumors and other diseases believed to be the result of the 1986 explosion at the Chernobyl reactor. Published by Augsburg Fortress Publisher, Minneapolis; 256pp; \$24.95 hardcover; \$14.95 paperback.

Korea 2050: An American Journalist's View of How An Age-Old Land is Coping with Rapid Change Just West of the Rising Sun by **David Marcov**, BJ '84. Published by LaCrosse (Wis.) RC Printing Inc.; 250 pp; \$29.95. Marcov also has written *My London Autumn: The Episodic Adventures of an Itinerant American Journalist in 1981 Britain*, published by RC Printing Inc.; 200 pp; \$14.95.

99 Great Answers to Everyone's Investment Questions, co-written by **Ellie Williams**, BS BA '84, gives tips on choosing a financial adviser, buying and selling investments, IRA and pension plan rollovers, long-term health-care insurance, stocks, bonds and mutual funds. Published by Career Press, Hawthorne, N.J.; 192pp; \$10.95 paperback.

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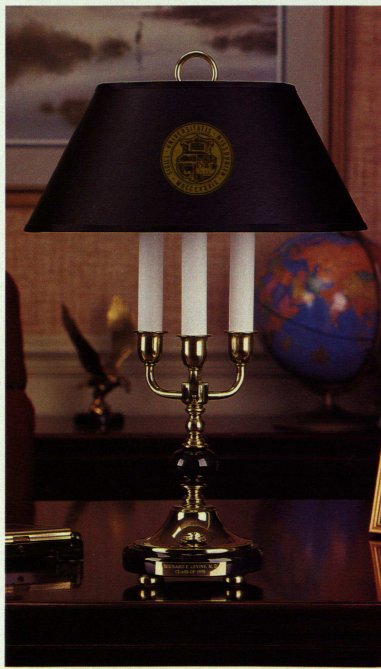
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