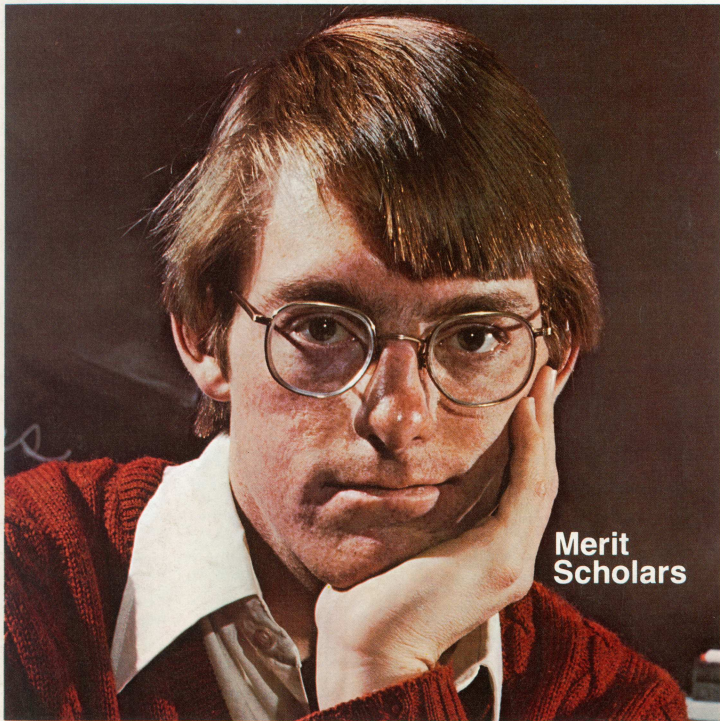


MISSOURI ALUMNUS

MARCH-APRIL 1977

\$1.50

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Merit
Scholars

letters from the maneater

(see page 17) don't necessarily take the place of the *Alumnus's* Forum department this issue; we could have had pages of letters from alumni — all about the proposed stadium expansion. But since that issue has been resolved (page 27), we decided that little purpose would be served by running them. Suffice to say that no alumni wrote in favor of north-end expansion.

Some commented around Campus that it would be nice if alumni would get as excited over some of the academic aspects of the University as they did over the stadium issue. The answer to that, of course, is that most of our alumni are interested in many aspects of the University. One of Mizzou's proud achievements is the National Merit Scholarship program, and alumni involvement has been paramount in that project from the first (page 12).

Women sports enthusiasts also hope that the thousands of fans of the men Tiger teams will read the article featuring women's basketball, "What Makes Samantha Fun?" (page 8). The women's team had a very good year.

Congratulations also are in order for Coach Norm Stewart's basketball Tigers. Only last season's championship squad ever has won more games for Mizzou, and the shorthanded and battered 76-77 Tigers just missed getting into NCAA tournament play with a 72-67 overtime loss to Kansas State.

The *Missouri Alumnus* has had a staff change. Associate editor and photojournalist Dave Holman has departed for Saudi Arabia, where he is part of a manpower training team. Welcome associate editor and photojournalist Aaron Levin, who, coincidentally, has spent considerable time in Israel, both as a farm worker and photographer. — S.S.

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Anne Martin

SLEEVELESS AT SUBZERO

Goose down vests are popular even in the coldest weather. Paul Shawver, left, Cindy Caldarello and Mike Fuhrman on their way to class show the fashion fad. The theory is, if your trunk's warm, so's the rest of you. For really cold weather, they put on parkas over the vests.

BIG MAC ATTACK ON CAMPUS?

Remember the M-Bar under the Missouri Book Store? It closed last summer. And now negotiations are underway to bring a McDonald's restaurant into that space.

The *Maneater* was less than enthusiastic in an editorial.

"There will be no prominent golden arch, but the restaurant's presence will be obvious. The smell of hamburgers will float through midday crowds, more cars will appear when the pedestrian campus is not in effect, and paper and plastic food packages will fill area trashcans."

Other "aesthetic irritations" were cited. "Bits of styrofoam, ketchup packs and paper cups will appear in most Campus buildings. There is no way to hide a McDonald's."

It will have a 20 year lease and will open next fall. "And," says the *Maneater*, "the Campus will never be the same — at least not until 1997."

But students rose to Big Mac's defense. "If people throw trash around our Campus, restrict and regulate them, not free enterprise," said Hans K. Siverts and Michael P. Mack.

"As for the Union and Brady Commons not coping with a McDonald's, this Campus is supposedly producing graduates who can succeed in our capitalist system. If the University cafes can't survive a competitor, perhaps they should improve the quality of their food," said Vicki Lenz.

"If the day should come where I had a choice between McDonald's and Brady Commons, I'd choose a Big Mac to a Cheese Bengal anyway!" said Hans and Michael.

TOWN USA

COFFEE 4¢

"You can come in here and drink coffee all day for 4¢," says a spokesman at Columbia's Interstate Pancake House. The restaurant also sells namebrand coffee by the pound for \$2.60.

"The bottomless cup really brings in the business," he says.

At the Flying Tiger Coffee Shop in the Columbia Regional Airport, coffee is 5¢ a cup. The nickle cup has made owner Bill Hudson almost a nationwide celebrity, with the cost of the brew now hovering at \$3 a pound.

"It's a gimmick," says Hudson. "It leaves visitors to Columbia with 'a good taste in their mouths.'"

QUARTERBACK SPEAKS FOR ERA

Pete Woods, Tiger quarterback, testified for the Equal Rights Amendment at a hearing in Jefferson City in early February. He said college students and the football team support the ERA. Woods' mother, Senator Harriet Woods, D-University City, is the primary sponsor of the Missouri ERA bill.

PSEUDO-PIZZA

After being cited by the city Health Department for misrepresenting pizza toppings, three Columbia pizza parlors were changing their menus to indicate that the topping called beef was not 100 percent. One place stamped "imitation" over the word beef on the menus. The toppings included soybeans.

NECESSITIES OF LIFE ARE LUXURIES OF OLD

A recent poll says that 53 percent of today's college students have stereos; 52 percent have typewriters; 57 percent have TV sets; 89 percent have cameras; and 40 percent have cars. Ten years ago the figures were 10 to 23 percent lower.

Half the cars were bought new. Items once considered luxuries, now are considered necessities—like calculators.

At Mizzou about 10,000 cars were registered last semester, but that includes 1,000 motorcycles, second cars and replacement stickers. No one knows just how many cars Mizzou students own.

In an informal *Missourian* survey, students revealed that they had paid an average of \$2,460 for their cars.

Jim Novak paid his uncle \$25 for his 1963 Ford Galaxie. On the other hand, Chris Quatrochi bought his 1974 Ford Econoline with a "Vantastic" paint scheme and then added plush carpeting and a quadraphonic sound system for a total cost to date of \$4,500.



Rebecca Collette



David Klobucar

BEHIND THE BAR

Fifty-five students signed up last semester for a Community class called, All You Really Wanted to Know About Bartending But Were Afraid to Ask. The overflow enrollment was divided into two classes, taught by Fritz Swartz, owner of a local wateringhole.

The girls in the class wanted to be bartenders, says Swartz. Most of the guys wanted to know how to mix

drinks for their parties, reports the *Missourian*.

Ed Voss, a speech and broadcasting major and social chairman for his dorm floor says, "It's an economical course. It only cost \$3 to register for the class. We figure it will cost us less at parties, if we know the right amounts of liquor to use."

Communiversity is an independent free university with "no hassles, no grades, just fun learning."

MIZZOU'S BEST AND WORST

When the *Maneater* asked students to list their likes and dislikes about the Campus and Columbia, here's the response they got.

In the worst category, the number one choice was the "book rack." Not being able to re-sell books, soaring prices and "sold out" signs at the bookstores the first day of classes, were the specific complaints. Other items on the worst list were Jesse Hall red tape; toilet tissue dispensers that ration three-inch squares per pull; and "the everpresent pigeon droppings on the steps of Ellis Library."

Other "printable respon-

ses" according to the *Maneater* were: classroom doors built for left-handed persons; trash barrel robberies during finals; not enough money for women's athletics; loss of the M-Bar; Al Onofrio; classes that begin at 6:45 a.m.; and University interim President James Olson's mandate to turn down classroom thermostats to 65 degrees ("This is not Georgia," said the student.)

Likes began with football. Other responses included: the variety of bars; Red Campus and the Columns; the nearby countryside; MSA movies; Rothwell Gym at 4 p.m.; good pizza; the A.P. Green Chapel; and Tiger spirit.



Ann Yaw

NEW SPORT — BROOMBALL

More than 120 students have signed up to play on 10 broomball teams at Columbia's Ice Chalet. The broom's straws are taped; the ball is "twice the size of a softball, but not bouncy." Each team has seven people on the ice during the game (a goalie of either sex, three males and three females). The rules are similar to hockey's, but the games are played sideways on the rink, so two games can be in progress at the same time. "It's not brutal, like hockey," says a spokesman. And the players wear tennis shoes.

ATHLETES PROMOTE BOYS' HOME

Wrestler Jim Wagaman and football player Kurt Wolfenberger want to set up a Christian Youth Home for homeless boys in Missouri. They are looking for 40 or more acres within 30 miles of Columbia. They have livestock. The athletes are setting up a non-profit corporation and hope for donations from interested people.

A DOLL LIKE ME

Julie Naunheim, a freshman, has a doll that looks just like her. An unbreakable mirror serves as the "face" of the unusual doll, called a Me Doll. Julie's grandmother invented the dolls and sells them through 44 distributors. They often are used as educational aids. St. Joseph's Hospital in St. Louis is using the dolls to teach deaf children word formation.

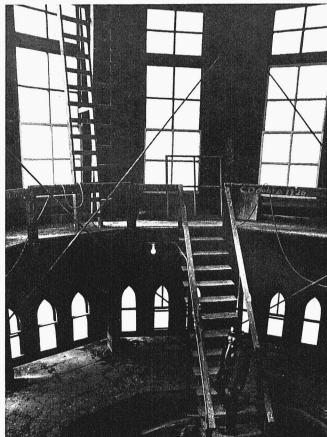
"All my friends in the dorm just love my doll," Julie says. "It's different."



Among the 16 members of the UMC Pocket Billiards League are Ed "Legend" Schnur, Mike "Smooth Move" Lockhart and Kevin "Father Moloney" Molavi.

"Legend" got his nickname by playing Minnesota Fats in 1973 at Meramec Community College in St. Louis and beating him. "Smooth Move" got his name by winning the 1973 Campus Championship. And "Father Moloney," his friends say, is "the religious leader of McReynolds Hall." He won the 1976 UMC Billiards Intramurals Championship in which some 100 sharks shot it out.

The league began last semester and meets on Monday nights in the game room at Brady Commons, reports the *Campus Digest*.



Buck Trogdon

INSIDE THE DOME OF JESSE HALL

When *Missourian* reporter Buck Trogdon got permission to go up into the dome of Jesse Hall accompanied by a watchman, he didn't expect to see "hundreds of names and dates from visitors before." One date read "'08." Jesse was only five years old when that inscriber left his mark, Buck noted.

"What a disappointment! I had not expected to plant the flag, but neither had I expected the place to look like a restroom in a bus depot.

"Climbing slowly, I try not

to think of being 300 feet in the air. . . . I do not look down. On a rung of the ladder dead before me someone has written, 'I'll send roses.'"

Three rungs up, someone wrote, "It's not how you get there, but where you get that counts."

At the peak of the dome is a circular hole about 18 inches in diameter. Buck, balancing his camera precariously on his head, wriggles out through the top and took a picture.

"It is a view that is difficult to find anywhere else in Columbia. And it is one that I am never likely to see again," he says.



BOMBER, BIRTH RALLY PROTESTERS

"Drop the B1 bomber!"
 "Humanity not insanity!"
 "Bread not bombs"

These were some of the messages on signs carried one cold January day by about 65 protesters, including an undetermined number of students, urging opposition to the development of the B1 bomber.

On the same day, other protesters favoring abortion marched and carried signs

outside an anti-abortion seminar.

The proponents of abortion, including some students, had signs saying, "A woman's right to choose. The state doesn't own my uterus."
 "Mandatory motherhood is for the birds — and other animals."

"Keep abortion legal."

Inside at the seminar organized by John Simon, a sophomore majoring in agronomy, the pro-life contingent also had placards. "Today abortion . . . Tomorrow, euthanasia."

Another pictured a fetus holding a sign that read "I demand my constitutional rights, too!"

BARGAIN BASKETBALL

In an effort to woo fans, the price of basketball tickets in Section D high up at Hearnese was reduced from \$2 to \$1 for the Oklahoma State game.

The *Maneater* suggested the cut-rate prices, calling attendance at games "a disgrace."

The cheap seats didn't draw a full-house either. Only about 90 fans sat in Section D at the beginning of the game, and only 19 remained at half-time.

Though there was a near sell-out for the KU-Mizzou game, other contests have been averaging only about 6,000 in the 12,600-seat auditorium.

STUDENTS COUNTED ON ISSUES

Campus concerns and political attitudes were surveyed last semester in a study sponsored by the Associated Students of the University of Missouri (ASUM).

A majority of students agree that they should have a major role in specifying the college curriculum and that faculty promotions should be based in part on student evaluations. Students overwhelmingly (82 percent) supported increases in student financial aid.

Students supported conservation. They disapproved of the construction of a dam on the Meramec River (76 percent). And 80 percent agreed that funding should be increased for environmental protection. On military and defense spending, students said (36 percent) it should be decreased or maintained at its current level (38 percent). They thought that funding for programs to insure equal rights for women should be increased (39 percent) or stay the same (41 percent).

LIP SERVICE

Lou Schuler went into business for himself just before Valentine's Day. His business, Lou's Lip Service, is to tell anybody anything.

"This is really for someone who wants to deliver a message, but is just too shy to do it themselves," he says. "They can just call me up, and I'll do it for them."

"Messages like 'Be my valentine,' 'I'd like to meet you' and 'Will you come to a party?' have been about the range of it so far," he said in mid-February.


"If they weren't so short, I'd

probably fall asleep delivering them.

"There haven't been any outrageous requests yet. But I have confidence in the kids on this Campus. I'm a nut, so I'd really like to deliver some with a little more spice — as long as they aren't really obscene."

The one-man operation is conducted from Lou's dorm room. "I couldn't trust the confidential messages to anyone else," he says with a grin.

Lou charges \$1 for a one-way phone message and \$2 for delivering a message and a response.



oots and ski parkas were in fashion during January on Campus. Columbia had 19.7 inches of snow — a record. Snowpersons of both sexes decorated yards all over town. And one student made himself a portable snowman — on top of his car.



Gary Gunderson

MORSE CODE CHAMPS

Bill Sattler, a junior majoring in fish and wildlife, and

two friends made 1,050 Morse code contacts with other ham radio stations in 24 hours to win a national competition.

SPRING FLING

More students want to go to Ft. Lauderdale, Florida, for spring break than anywhere else, according to an informal survey by the *Campus Digest*.

A couple of trips are being offered by individuals to Ft. Lauderdale for about \$150. MSA is offering a trip to Padre Island, Texas, for \$125 and a ski trip to Winter Park for \$177 to \$218.



WEATHER TALK

The hardest winter of this century is a matter of record. Now, farmers and others interested in food – and that takes in about everybody – are keeping an anxious eye out for the climatic conditions of spring and summer. Will the drought continue? How good are our weather forecasts? To the Missouri Alumnus, the time seemed right for talking to some of our atmospheric science people at Mizou. The work of department chairman Wayne Decker (climatic impact on food production), Dr. Ernest C. Kung (global weather studies) and Dr. Grant Darkow (studies of circulation patterns that generate thunderstorms, tornados, floods and other severe weather) is nationally and internationally known. If you can believe any meteorologist, therefore, you should be able to believe the Alumnus interviewee, Dr. Decker.

Q Dr. Decker, what happened? What brought on the Winter of '77? And did weather forecasters expect it?

A Well, there's one thing about weather forecasting: If you keep making the same forecast long enough, you'll be right eventually. But I believe that anyone who would have contemplated a worst-of-a century sort of thing would have been way out. Many persons had some concern because of the series of mild winters we had experienced in the early 70's. Obviously, they couldn't last forever. There's this thing about circulation patterns: When one particular pattern gets established, it more or less locks in and the pattern is hard to break. That was true of our mild winters. And that's what we've seen this winter, too. When there are droughts in the summertime, the days without rain will persist because we locked into this particular circulation pattern. Similarly, when we go into a period in which we're getting above-normal rainfall, it generally continues for awhile.

Q Fortunately, this winter is over, but you mentioned droughts. What are the chances for another drought this summer?

A Science does not know how to forecast in February the 60-day rainfall from April 15 to June 15. There's no way. And that's when we have to get the replenishment for most of Missouri and the Midwest. These areas receive relatively small amounts of winter precipitation to begin with, and most of that becomes part of the surface runoff. Winter precipitation in these areas falls on frozen ground. So it won't be until April 15 that we can begin to expect to receive rainfall that will recharge the soil water for the summer growing season. But, because we have experienced dry years recently, I think that we must have above-average rainfall in order to adequately recharge the soil water to carry us through the summer without any trouble. So I'm apprehensive. But that's not a forecast. That's looking at the normal run of climatic events.

Q You mentioned that science couldn't forecast the rainfall a couple of months ahead. Just how accurate are long-range weather forecasts?

A One of the things we've been evaluating in one of our research projects is the skills of the long-range forecasts — in science we call them "outlooks." We've looked at the 30-day outlooks that are issued by both our National Weather Service and those from the Soviet Union. The interesting thing is that in both countries, the accuracy in forecasting trends in temperature and rainfall over the next 30 days is about 55 to 60 percent. And that's only forecasting the right sign of departure. In other words, is the temperature going to be above normal or below normal? Are we going to have more or less rainfall than normal? Now, 50 to 60 percent accuracy does not represent a great skill.

The Soviet Union has been releasing for some time seasonal forecasts three months in advance. Our extended forecast people in the United States have been doing this for a shorter period of time. The skills on those forecasts are even less than the 30-day forecasts. In fact, there's some evidence that there's not much skill there at all.

Q How do our Missouri forecasts stack up?

A In terms of long-range forecasting, none of our staff is regularly releasing information. If one of us has some information that might be helpful to a particular sector of the economy, we might make a projection. But our mission is one of teaching and research. Our responsibilities are not in the forecasting area, and I have discouraged both staff and students from making routine releases of their projections. There are two reasons for this. One is that it takes a lot of time to go through an evaluation to give an intelligent appraisal of even tomorrow's weather. That time would have to come from teaching and research responsibilities, in the case of the staff, and from study time, in the case of the student. The other phase is that, in a community the size of Columbia and probably a community any size, the public doesn't need two forecasting institutions. As you know, there's always the tendency for the press to play one side against the other when there are two sources of information.

Q If scientific long-range outlooks are so uncertain, what about relying on such indicators as farmers' almanacs, the amount of fur on the woolly worm, or the number of nuts a squirrel stores?

A I don't really think there's any skill involved in this at all. It doesn't make sense to think that a single meteorologist and his secretary sitting in a room down in Florida could make better long-range forecasts for an almanac than a group of scientifically trained meteorologists working in concert in a forecast center. Now people will paste the almanac projections on their bulletin boards and check them out. But they won't make management decisions based on them.

And I don't really understand how a creature can sense his needs for the coming season on the basis of events that occur now. I know that the extreme cold temperatures in the eastern United States occurred because of climatic events taking place over the northern hemisphere: the interactions between the oceans and the atmosphere and between the land masses and the atmosphere. And this allows me to

believe that a squirrel sitting in a hickory tree in my back yard probably doesn't have any great insight as to whether the oceans are warmer than usual in the North Pacific. But conversations based on such projections don't really do any harm. They're pro-I'll engage in that kind of talk myself, once in awhile.

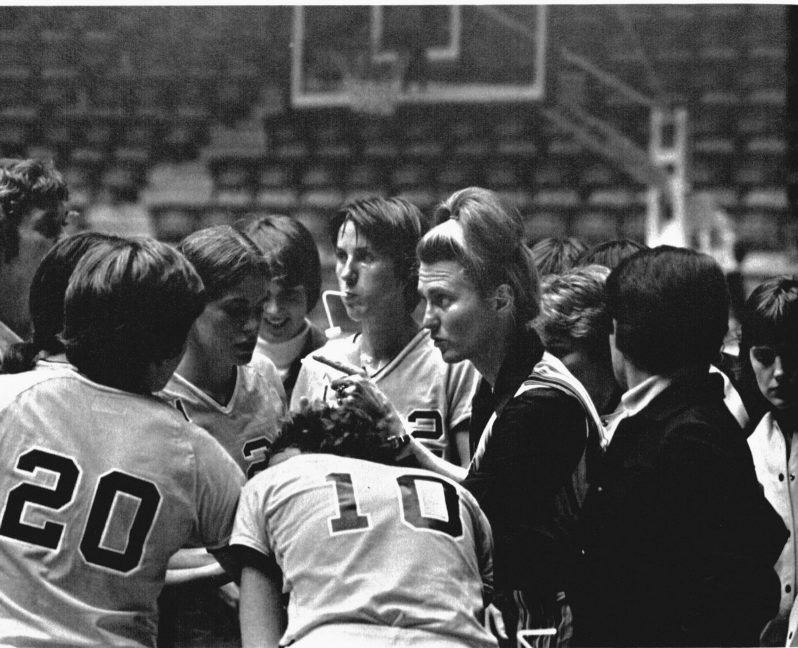
Q When are we going to be able to do a better job in forecasting weather?

A We're going to see improvements in the forecasts of both short range — today, tonight, and tomorrow — and medium long-range forecasts — looking ahead at a period of from 10 to 14 days. We also will do a better job than the 55-60 percent skills on the long-range outlooks. Twenty years ago, you couldn't even see a long-range outlook. They were kept secret. But these improvements aren't going to come in a dramatic, sudden way, I think. It will be an orderly, slow process.

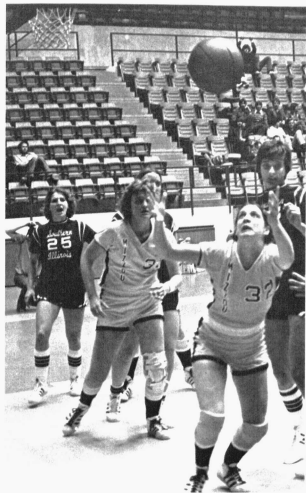
In the last 15-20 years, I've seen tremendous improvements. We're simply doing a much better job of preparing a weather map that looks more like the day-after-tomorrow's weather than we used to. There are three things responsible for this. You hear quite a bit about the computer. It allows the solution of equations that simulate the behavior of the atmosphere much better than man can alone. Without the computer, we'd still be sitting on tall stools and drawing lines on maps. We hear a lot about the satellite — it's been a bonanza to meteorology — and weather radar. The satellite lets us identify things we didn't even know existed before, and radar shows us not only where the clouds are, but also something of their intensity, their shape and behavior.

But what you don't hear as much about — and this may be equally as important — is what we are doing right here and at other major universities throughout the United States: putting into the field graduates who are very well trained in physics and mathematics and the applications of these physical laws to the atmosphere. The meteorologists today are so much better prepared than the meteorologists of 30 years ago, it's just unbelievable.

No, I don't expect any breakthroughs. But I'm confident that before I bow out of the picture, I'll be able to say to the young bucks with me, "Boy, you're doing a lot better than we used to do back in the 70's." □



Women basketball players play for love and Coach Joann Rutherford, whose most cutting remark is, "Hey, you ought to go back to intramurals."



*It isn't the possibility
of a pro bid, it isn't
the cheers of the fans, it
isn't headlines, so . . .*

What Makes Samantha Run?

THEY SAY it makes men out of boys. They say it builds character. And deep down, what player doesn't dream of that \$1 million pro contract?

Men's athletics is as American as apple pie. National heroes, even Presidents, emerge from the locker room. Athletic competition mixes — some would say exemplifies — our traditions of democracy, capitalism, rugged individualism and teamwork.

But if you mention women's athletics, you are likely to run into different and not always favorable attitudes on the part of the public. It's too rough, some say. It's not ladylike. Why do those girls want to spend all their time practicing and sweating? They'd better get an education so they can make a living; after all, they can't go pro like the men. Even among the athletes themselves, their coaches and the counterpart to the NCAA, the Association for Intercollegiate Athletics for Women (IAAW), a controversy is raging about how competitive women's athletics can or should be.

"Mizzou's women's athletics program is destined to be highly competitive, because our men's program is and Title IX requires 'equality of opportunity' between the two programs," says Jean Cerra, assistant director of athletics and head of the women's program.

The University fields women's intercollegiate teams in basketball, field hockey, golf, softball, swimming, tennis, track and field (including cross country) and volleyball. Basketball, because it is less acceptable as a women's sport than, say, tennis and because it is the only sport likely to produce revenue in the future, is this article's focus for the questions about women's athletics and competition.

Though Mizzou's women's athletics' budget for 1976 at \$160,000 is roughly 1,000 percent of its 1973 budget of \$15,000, money is still the major problem, says Cerra.

Mizzou's entire women's budget (excluding scholarship money) currently comes from institutional funds. The men's program (\$3.3 million) is self-supporting, receives no institutional money and, as it plans to increase its revenue, gradually is accepting more responsibility for the women's program.

Mizzou had 37 women on scholarship. Some receive \$644 (two semesters' fees); others receive \$322 (one semester's fees) and some also can work for additional money (up to \$322).

In the Big Eight, KU is giving one full ride and K-State three this year in addition to smaller grants.

Schools with the biggest scholarships get the top athletes and have the best teams.

Oklahoma, on the other end of the spectrum, has only three scholarships — one in swimming and two in golf.

In the Big Eight schools, the scholarship money is coming from state, institutional and general athletic (that means the men's program) funds. At Mizzou, the feeling seems to be that the women's program should generate its own funds for scholarships — a difficult proposition at best, without the long tradition of support that the men's program has developed.

Cerra does what she can to raise scholarship funds, but the expectation that all the necessary money can be raised through donations in the next few years may be unrealistic. Colorado's fund-raising goal for this year, for example, is \$800.

"We've raised more than \$6,000 this year, but to meet the commitments for 1976-77 scholarships alone we must raise a total of \$18,500," Cerra says.

The women athletes and their coaches raised about \$4,300 with a concession stand at football games and a swim marathon. Alumni too are involved. The Alumni Association's Committee on Women's Athletics, now in its second year, has 17 enthusiastic members from alumni districts around the state. These volunteers are trying to interest alumni in women's athletics.

The St. Louis Alumni Club held a golf tournament last summer to raise \$300, and the club made a gift of an additional \$200 to the scholarship fund. The Kansas City Quarterback Club gave \$200. St. Joseph alumni pledged more than \$300 to the swim marathon.

With some schools offering women "full rides" and others offering nothing, those schools with the biggest scholarship programs are likely to end up with the top high school athletes and the most competitive programs.

Basketball Coach Joann Rutherford tells about the four girls from last season's Seminole (Oklahoma) Junior College team who expressed interest in coming to Mizzou. The girls wanted scholarships. "This year," Rutherford says, "they're all starters for the University of Nevada-Las Vegas. It's a shame, but we just didn't have the money to give them. Nevada-Las Vegas is currently ranked first in the nation."

The Tigers finished their regular season with 25-9



A young "starting seven" gives Mizzou some depth and excellent potential for next year: front left, freshman Kathy Stevenson, junior Nancy Rutter, freshman Julie Maxey; back left, junior Suzanne Alt, freshman Cindy Kiser, junior Beth Hokamp and sophomore Sharon Farrah.

and had played several teams with national rankings. "But," says Rutherford, "we don't have the caliber of players to be a national contender. You can't build a national team with Missouri players."

Rutherford wants to coach a highly competitive team, but Missouri has not put the emphasis on basketball for girls that some other states have, notably Iowa and Oklahoma. And, for Mizzou to attract out-of-state players, scholarships big enough to cover out-of-state tuition must be available.

"It's hard to recruit on our reputation," Rutherford says. "We don't have one. We have to decide what kind of program we're going to have at Mizzou and how competitive it's going to be. But we have to get going quickly. The budget for next year is crucial.

"It's getting harder and harder to compete with the state schools," she says. Mizzou took third in the state last year. This year's Tigers took second behind Central Missouri State - Warrensburg and won an at-large berth in the regional tournament.

Attitudes of the basketball players themselves about competition are changing rapidly. Only last year, Rutherford told her players to stay in shape

Nancy Rutter, 6-foot co-captain and top scorer says, "I play ball for the same reason guys do - I enjoy it."

over the Christmas holidays. After the break, she was disgusted that so many players had gained weight and not maintained conditioning. This year, 18 players competed for spots on the travel squad. The top 10 spent their holidays traveling 2,200 miles through Kansas, Oklahoma and Texas, playing nine games in 10 days.

Co-captain and top scorer Nancy Rutter says, "I play ball for the same reason guys do — I enjoy it." The six-foot junior is majoring in home economics education and plans also to coach in high school. Averaging 15.7 points a game, Rutter scored a career-high 40 points against Graceland (Iowa) College on the road.

"You have to just like to play ball. You don't play for the crowd, because only a fraction of your playing time is in front of people," she says.

"Crowds," for the women's home games are averaging about 200 people in the 12,600-seat auditorium at the Hearnes Building. With that kind of support, none of the women play for the "roar of the crowd."

Last year in their first game on the "big floor" at Hearnes, Coach Rutherford remembers having to remind some of the players not to stare at the band and the cheerleaders and not to wave at their parents and friends. Now the team is more sophisticated. And Hearnes is almost familiar enough to give them some home court advantage, though most practices are held in the practice gym upstairs.

"You could find something easier to do for what publicity and honor you get," says Rutherford, wryly.

The Columbia media are doing a much better job of covering women's athletics this year, but out-state coverage is almost non-existent. Even locally, sometimes only a paragraph giving the final score makes the papers. The student newspaper *The Maneater* typically gives all women's athletics 12 inches or less in six pages of sports news. *Missouri Alumnus Tiger Sports* makes it a point to cover women's athletics, but more from the philosophy that "It's the thing to do," than meeting a grass-roots demand from the newsletter's readers. Most players have yet to see their names in headlines. There are no "stars." And nobody's name is a household word.

So they play for the love of the game and for personal reasons. Senior Sharon Rudolph, who was out for half the season with mononucleosis, says, "It's a chance to practice or perfect something you're doing. You can be satisfied when you've done a good job,

when you've given 100 percent. That also applies to life.

"It's wholesome. Life is a goal you set for Christ and for your Christian principles. If you don't fulfill your life, you haven't really been giving and competing and being the best you can be," says Rudolph, president of the M-Women, the athletes' organization.

Sidelined because of her illness, Rudolph watched a practice and listed some specific attributes athletes develop. It's the same list that's cited by most proponents of men's athletics as character-builders.

"You gain in self-confidence. That carries over in everything. You know if you work hard enough, you can do the job. You also develop the ability to concentrate, if there are three seconds left and you are making a free throw. You don't let yourself get flustered."

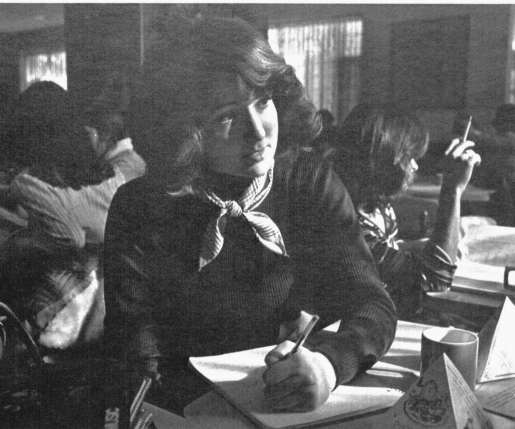
The women don't mention playing pro ball as a goal, though a national women's league has just been formed. But many, particularly freshmen, do plan to coach and are majoring in physical education.

"Society has not been oriented toward accepting career women as normal, especially if they wanted to have a career in sports. When I was in high school," Rudolph remembers, "you didn't dare say 'I want to coach basketball.' Now that's changing."

Freshman Kathy Stevenson, who does plan to coach, says she plays for personal satisfaction. "You do get a chance to meet a lot of people. You learn to control yourself and your temper in difficult situations. You learn to perform under pressure. It makes you more outgoing to perform in front of people."

Suzanne Alt at 6'2" is the tallest member of the team. The junior says she likes her teammates and the companionship. She also likes to keep physically and mentally fit. "Once you're physically fit, you want to keep fit. It gives you an appreciation for your body. You realize that there are always winners and losers, and you have good games and off-games. You can't always win, and you can't always be the star. You have to work your way to the top in life, too."

Why do women athletes want to go out and practice and sweat and spend all that time and effort? The question annoys Rudolph. "Why not ask a musician the same thing?" she asks. "Is it good for people to spend all that time and effort to play an instrument well? Is it worth it? Sure." — Anne Baber

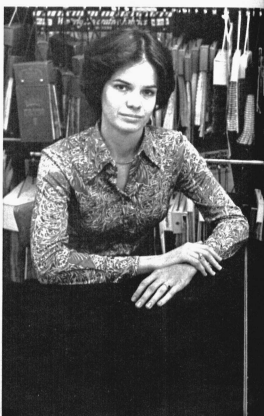
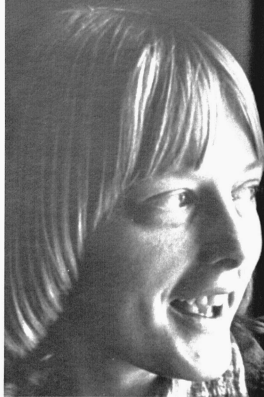


Jeanne Bumberry: psychology

Mizzou's a good place to get a good education, say some of the people who ought to know, some of the brightest students on Campus — our National Merit Scholars.

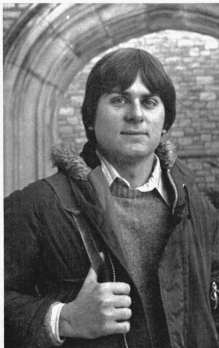
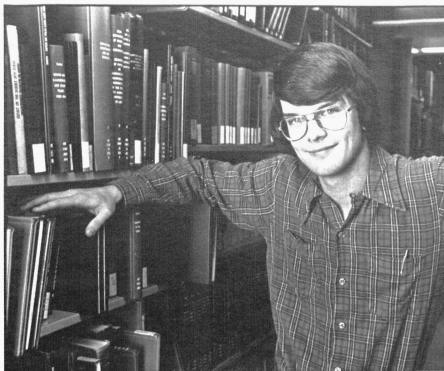
At a time when budget problems prompt questions about the quality of education at Mizzou, en-

Kim Petty: interior design



MERIT SCHOLARS AND MIZ

Bob Shaw: economics



John Hoelscher: chemistry



Karen Campbell: ag & veterinary medicine

ZOU: A GOOD MIX

By Anne Baber

thusiastic testimonials from eight senior Scholars are heartening. If they had it to do over, they'd choose Mizzou. And that indicates that the University of Missouri-Columbia probably is a good choice for its 23,000 other students — most considerably brighter than average.

The eight became Merit Scholars by scoring high on a nationwide test they took as high school seniors. Most had high school grades that put them among the top one percent of all high school graduates in the country. Now, at the end of their college careers, the seniors look back.

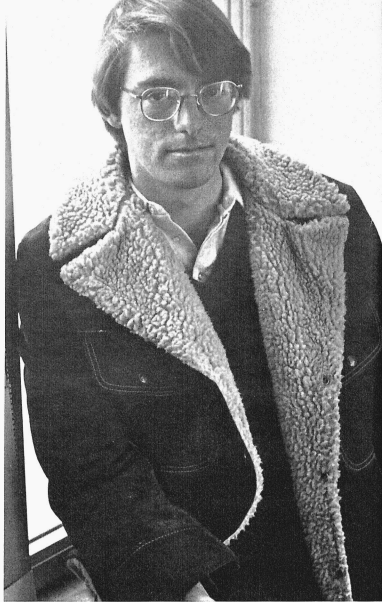
For John Hoelscher, a chemistry major who plans to go on to Mizzou's Medical School, quality means "professors who are good at teaching undergraduates." Some of the schools with top reputations are highly regarded because of their research programs, not because they do a good job of teaching, he believes. Mizzou students do well, he says, on the med school admission's tests, and that reflects well on their professors.

"BEST IN THE COUNTRY" is what Jack Goggin, a broadcast major, calls the J-School. He believes in the practical experience students get working on the *Columbia Missourian* and at KOMU-TV and KBIA Radio. He's also involved in lots of activities, following a philosophy that goes something like: "There's a lot more to going to school than cracking books and trying to get a 4.0, which I've only done once."

Jeanne Bumberry, originally planned to go to med school, switched to psychology and will go to grad school in foods and nutrition. She talks about the diversity of the Campus and of learning through experimentation. "I can take a course, join a club, or take advantage of a facility to see if I like it or if I'm good at it," she says. "I'm a different person than I was four years ago. I don't limit myself as much as I used to. I've surprised myself with what I can do."

Kim Petty thought she wanted to major in advertising, when she came to Campus, but ended up in interior design. She plans to go to graduate school in urban planning elsewhere. Kim says Mizzou is "big enough" to almost always get the classes you want. "For example, I took a construction class in the forestry department, so I'd know something about wood," she says.

Bob Shaw, an economics major specializing in manpower, is going to law school at the University of Texas in Austin next year. He'd never had a course



Tom Murphy: biology

in economics when he took Dr. John Kuhlman's Econ 51, a favorite of many students because of the personality of the professor. "You could just tell he really cared about students," Bob remembers. "And I got really interested in economics."

Kim McCredie is majoring in the teaching of French and math. Kim, like many of the other Scholars, took the Honors College humanities courses, four in a sequence that tie together the history of art, music, architecture and literature. "When I went to Europe, I could really see all the things I had studied," she says. She's taking a pot throwing (ceramics) class at the Crafts Studio this semester, but she regrets not being more involved in Campus activities during her four years.

WITH VETERINARY MEDICINE as her goal, Karen Campbell says choosing Mizzou was "a natural." She believes that Mizzou has "one of the best science programs in the state," and, of course the Ag School is "outstanding." Of the eight seniors, she is the only

one whose parents are alumni. They have five degrees between them, and her dad, Dr. John Campbell, is professor of dairy husbandry. Along with her veterinary studies, she will receive her ag degree with honors this spring.

Tom Murphy is a biology major, who plans to go to med school. When he's not studying, he might be painting "landscapes and portraits, mostly" or hiking. Another Columbian, he walks the four miles from his home to Campus and back daily to keep in shape. He is vice-president of Campus Students for Life.

Also at Mizzou are 134 more Merit Scholars with interests just as diverse, making a total of 142 Scholars on Campus this year. Mizzou ranks number one in the Big Eight. Kansas University, the only other Big Eight school that actively recruits Scholars, has 132. (Iowa State has 37, Oklahoma 36, Colorado 29, Nebraska 23, Oklahoma State 22 and Kansas State 9.) Of the 745 colleges and universities in the National Merit Scholar program, Mizzou ranks 20th and is 6th among public universities in the country.

In 1969, Mizzou had only 19 National Merit Scholars. An organized alumni program is one of the secrets of Mizzou's current success. The Alumni Association gives \$1,000 a year to help pay for a Merit Scholar Day, on which high school students visit Campus. The Kansas City and St. Louis alumni clubs sponsor buses to bring students from the urban centers to Columbia.

Alumni and friends also provide the scholarship money. Each Scholar has, in the past, received a minimum stipend of \$100 a year. Next year, the stipends will increase to a minimum of \$250. Alumni clubs across the state have conducted telefunds to raise money for these scholarships, and thousands of dollars have been allocated for the program from gifts to the Development fund from alumni, corporations and other private contributors.

"I don't know how we could have had this program without our alumni and other friends," says Chancellor Herbert W. Schooling. He believes Merit Scholars are important to the Campus. "When you bring in bright, alert young people with inquisitive minds, they establish a tone far out of proportion to their numbers. They stimulate their classmates and their teachers.

"We encourage them to come here because of the variety of opportunities on this Campus, opportunities that are not available on a less comprehensive campus. They are just the kind of people who need

to be at a university where they can experiment with and sample a broad range of educational and extra-curricular learning situations," he believes.

Some of the Merit Scholars sample the University as if it were an intellectual and social smorgasbord. John mentions the plays, intramural football and basketball and the Honors College courses that "de-emphasize the Mickey Mouse." Jack sees almost all the films that he helps schedule for MSA and liked Dr. David Soren's film course. This semester he's taking Dr. Robert Rowland's course on the Roman Empire "for fun." Jeanne has a part-time job in the Hawthorne Room restaurant in Memorial Union and hopes she will get to help cook for the international dinners, featuring around-the-world menus. Kim went over to the Counseling Center to take some interest tests to help her make up her mind between majoring in interior design and horticulture.

THEIR WORST EXPERIENCES also seem to have been taken in stride by the scholars. "I've had boring teachers," John says, "but I never had one I didn't learn something from."

"I had a teaching assistant who was from New York who was very scornful of the Midwest," Jack remembers. "But I'm from the Midwest, and I resent that attitude. Mizzou has a fine intellectual atmosphere. And I like Columbia. Far from being 'nowhere between Kansas City and St. Louis,' it's got more to offer than most cities its size."

The Scholars take a philosophical attitude toward the University bureaucracy. John is critical of some of the advice he got as a freshman. After two years of high school German, he was counseled to take German I. But he regrets the time he wasted less than the fact that his background gave him an unfair advantage over the other students.

Kim Petty remembers she was assigned a faculty advisor from the music department who didn't know much about the fields she was interested in. "So I learned how to work outside the system," she says. She asked a J-School prof to be her "unofficial advisor, a satisfactory solution for all, until I switched to interior design."

Often, the Scholars equate the quality of their education with the really good teachers they've had. And they talk about the excitement of learning. John says the chemistry department has a good reputation nationally. He has particularly enjoyed Dr. Norman Rabjohn, who teaches organic chemistry for

PETER
LANG



Jack Goggin: broadcasting

a class that's mainly pre-med. "He's very hard and everybody likes him," John says, with the respect for excellence that good students have.

Jack was working on a program for KBIA, the Campus radio station and an affiliate of National Public Radio. "KBIA's one of the best in the country," he says. His program was on the film music of Bernard Herrmann, a composer who wrote music for "dozens and dozens of films" from "Citizen Kane" to "Taxi Driver." Jack planned the program for January 29, Herrmann's birthday.

KIM PETTY SAYS the interior design department ranks fourth in the nation. "That gives me confidence in my background." Jeanne says the Honors College humanities courses taught her to see. "I can appreciate the way artists play with light, for example. I never would have noticed the work that goes into a painting," says the foods and nutrition major. "Now I have that insight for the rest of my life."

Learning goes on in and outside the classroom for

the Scholars as it does, of course, for all students. But they seem to be more aware of their intellectual growth and to relish it.

Almost all the Scholars said they had matured and grown personally. Some, like Kim McCredie, knew that they could have "been more involved. I haven't changed as much as I wish I had," she said. Jeanne and Kim Petty used the Campus Counseling Center to help them find new directions and to clarify goals. Jeanne was a Summer Freshman Orientation leader and played her flute in an orchestra as part of the entertainment. She overcame her stage fright. As a resident assistant in her dorm, she "learned how to handle unpleasantness and how to cope with disapproval when I had to discipline someone for breaking the rules," she says. Now both she and Kim are living off Campus in apartments. "I like to keep moving," Jeanne says.

"I AM LEARNING to grocery shop and organize my time and budget my money," Kim says. "And I'm learning how to live with a group of girls. I didn't have any sisters, so it's a new experience." Bob Shaw says he's improved his study habits and is more self-confident.

Finally, many of the students mentioned getting practical experience. Jack feels strongly that J-students have an edge in the job market after working on the paper and at the broadcasting stations. But he also notes that he is getting administrative experience through his jobs in MSA. Kim says the interior design department is one of just a few that offer classes where you work with actual clients. In four out of six of the interior design classes, students have client contact. Jeanne values her experience in working with people in the dorm.

And many of the students had part-time jobs from which they had realized more than just money.

"A good student can have a terrific impact on Campus and vice versa," says Dr. George Fasel, director of the Honors College and head of the Merit Scholar program on Campus.

"The alumni support has been very gratifying. It lets me know that alumni can really get behind an educational program they believe in.

"But even more important, the program indicates the commitment of a democratic university to try to serve, not only the majority, but the very best students, who often go on to positions of leadership. The University's commitment," Fasel says, "is a commitment to quality education for all students." □

THE SANBORN LETTERS

The *Maneater*, Mizzou's student newspaper, gets letters, lots of letters. Not only are they often instructive in terms of portraying student thought and concerns, they also can be fun. This series of letters is both. Don't miss the last one.

September 28, 1976

Stick It Elsewhere

This letter is addressed to the intellectual giants who are responsible for the maintenance of Sanborn Field. The A & P must have been running a sale on c-----t two weeks ago, because you or someone like you chose that time to dump several tons of it on this neighborhood's favorite national landmark. I realize that your brilliant research in growing stunted corn requires fertilizer, but another factor is involved here which may have escaped your attention.

The next time you are in the vicinity of Sanborn Field, take a hike out into the middle of the midget corn stalks and look to the north. (Press a compass against your navel with the glass pane and the little letters pointing toward the sky. Rotate your

body clockwise until the needle and your belly button line up with the "N." To the north you will see a large number of boxes of various sizes, shapes and colors. These boxes are called houses. Inside of the houses live people — members of the same species as yourself (although undoubtedly further progressed along the evolutionary scale). It is a safe bet that at least some of these people are not c-----t fans. Out in the country, where there aren't many people, and those who live there become used to the smell, a little c-----t here and there is all right. But when you dump a mountain of it into the middle of a densely populated neighborhood, you can be sure that some people will be offended when they gag every time they open a door or window, or have to hack their way through a cloud of flies on their way to class.

I hope you will take into consideration our feelings. If you ever receive another load of this fine bovine excrement, I hope that you can think of a better place to stick it. I would be happy to offer suggestions. Thank you.

Steve Callahan
1515 Bouchelle

October 5, 1976

Sanborn Field, Part 2

In response to Mr. Callahan's one-sided, shallow-minded letter of Sept. 28, concerning the using of cow manure on Sanborn Field: It's plain to see that you have no concern for anything other than your half-witted attempt at using what you believe to be witty choices of words. You see, Sanborn Field, with all its "stunted corn" and "c-----t," is one of the oldest functioning test plots in the world. Those plots which utilize cow manure are some of the longest running experiments on "natural fertilizer," that your one-sided, plastic suburbia freaks seem so up on these days. Sanborn Field began running its experiments long before your great "colored boxes" with their "evolutionary progressed

inhabitants" ever were even considered of being placed there.

If you would bother to take the time to research the history of Sanborn Field, you would know, among other things, that Plot 23 is the location of the discovery of Aureomycin. If not for this, I have no doubt that you would be paying three times the present price of pork and greater beef prices. Sanborn Field has, through many other experiments, been instrumental in American agricultural advancements which have made the American farmer the most efficient in the world and the American consumer the best and most economically fed in the world. So tell us about it and don't ever gripe about the price of groceries again.

*George Wardlow
126 Stafford Hall*

October 5, 1976

Sanborn Field Important

After reading Mr. Callahan's letter of Sept. 28, I seriously question his

statement of his superiority over anyone, let alone the scientists in charge of Sanborn Field. Sanborn Field is one of the oldest research plots in the world. The contributions of Sanborn Field are many and varied, including its greatest, the discovery of Aureomycin. Contributions like this benefit the whole country, not just dumb hicks who like the smell of manure, as you infer. It was fields like Sanborn Field that have made the American farmer the most efficient food producer the world has ever seen.

The field was there long before your "boxes" were built. The dumping of manure on a test plot is, instead of sheer stupidity, an experiment using manure for fertilizer instead of manufactured fertilizers, which environmentalists are always harping about. If experiments such as this were not conducted, organic fertilizers (such as manure) would never have become a fad these last few years. It is obvious you know little about Sanborn Field and its contributions, or you would not have resorted to mudslinging and name calling. If you expect people to sympathize with you, you went about

Freshman George F. Saum, of Florissant, Missouri, plans to teach English. His father, a physicist with McDonnell Douglas in St. Louis, has his BS, MA and PhD degrees from Mizzou.



it all wrong. Next time, get the facts. Oh, yes, I have a suggestion concerning where you can stick the manure if you don't like it.

*Clark Harvey
103 Cramer Hall*

October 8, 1976

Organic Rebut

In response to letters from Clark Harvey and George Wardlow rebutting criticism of the spreading of organic fertilizer over Sanborn Experimental Field:

I was indeed impressed by the accounts of Sanborn Experimental Field offered in your letters appearing in the Oct. 5 issue of *Maneater*. Allow me to relate my own experience, however limited, in the area.

One morning — was it but a few weeks ago? — my alarm clock rose me from my slumber to greet the new dawn. Imagine my ecstasy when I

saw perched on the window screen not one, nor two, nor three, but four insects of the species *Musca domestica* (less reverently called "houseflies")! In order to enable myself to examine these specimens more closely, I seized a newspaper and struck the creatures to render them immobile. Unfortunately, this action severely damaged the specimens so that they were no longer of value.

You may wonder how I, of all people, was privileged to have these four creatures come into my humble abode. It happens that I reside in Hudson Hall, which was built on the corner opposite the scientifically valuable Sanborn Field. As has been previously noted by other persons, the field was subjected to a treatment of organic fertilizer, commonly called "manure." It was this delectable fertilizer — a veritable epicurean delight for *Musca domesticae* — which had drawn the fellows to my screen.

During the following several days — a period extending to and including the present — our dormitory was honored by a visit from

hordes of these zoa. One problem has arisen: some of my cohabitants are not well trained in the domestication of *Musca domesticae*, nor are they appreciative of the opportunities for study afforded by the constant presence of the winged insects; as a matter of fact, some of my fellow residents find them downright annoying! Of course, to persons so obviously benevolent to the sciences as yourselves, an intolerance of *Muscidae* must seem atrocious.

I note that you reside in Cramer and Stafford Halls, respectively, and thus are too far from Sanborn Field to be in a situation similar to ours. I only regret that you gentlemen of high intelligence cannot share my joy as I live and work among God's most wonderful creatures, the *Musca domesticae*.

George F. Saum
537B Hudson Hall

January 18, 1977

Sanborn Saga

In the Oct. 6 issue of the *Maneater* George F. Saum complains about the Sanborn Experimental Field, lamenting the presence of house flies due to Sanborn Field's ideal environment for procreation of house flies.

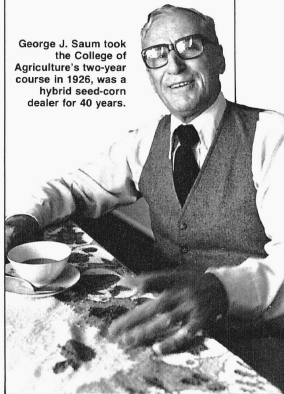
May I remind George F. Saum the economics that permitted George F. Saum the great privilege of attending the magnificent University of Missouri is all based on the extraordinary earning power of George A. Saum.

And may I continue that the

meager savings of George J. Saum and his wife made it possible for George A. Saum to receive his PhD from the same University. And how did George J. Saum and his wife acquire these meager savings? From increased yields of corn due to improved corn growing practices developed at Sanborn Field by efforts of that marvelous staff of our Missouri College of Agriculture.

So, George F. Saum, tonight when you retire, bend your knees and with folded hands thank the Creator for the Sanborn Experimental Field.

Grandpa George J. Saum
retired corn farmer
Villa Ridge, Mo.



George J. Saum took the College of Agriculture's two-year course in 1925, was a hybrid seed-corn dealer for 40 years.



By Dave Holman

BUILDING BETTER TOMATOES



Well do I remember the first tomato I ever saw. I was ten years old, and was running down one of those old-fashioned lanes, on either side of which was the high rail fence. . . . Its rosy cheeks lighted up one of these fence-corners, and arrested my youthful attention.

I quickly gathered a few of them in my hands, and took them to my mother to ask, "What they were?" As soon as she saw me with them, she cried out, "You must not eat them, my child. They must be poison, for even the hogs will not eat them. . . . Some call them 'Jerusalem Apples;' others say they are 'Love Apples;' but, now mind, you are not to eat them. . . ."

—A.W. Livingston,
Livingston and the Tomato, 1893

DR. VICTOR N. LAMBETH, professor of horticulture at Mizzou, does not remember the first tomato he ever saw. But he has seen a lot of them since. Under Lambeth's direction, Mizzou's respected tomato breeding program has introduced about 25 new varieties of tomatoes to midwestern growers since 1950.

Tomato growing and home gardening are almost synonymous today in the United States, and the tomato has a place of honor in our diets. But, as the epigraph indicates, it was not always so.

The tomato was unknown as a food in this country long after it was eaten in Europe. The plant is native to the Andes Mountains, and probably tomatoes were first eaten by Indians in Peru, Bolivia or Ecuador. The Spanish probably discovered the tomato in Mexico. Early explorers mentioned the *tomatl*, *tumatle* or *tomatas*, all variations of the word used by the Indians of Mexico, where the plant has been cultivated since prehistoric times.

The tomato (*Lycopersicon esculentum*) belongs to the Nightshade family, some members of which are deadly poisonous; and the glandular hairs on the tomato plant emit a strong, unpleasant odor when broken. This combination of circumstances may have led early Europeans to the mistaken conclusion that the red or yellow fruits were poisonous.

By 1544, the tomato had arrived in Italy. The impetuous natives there actually ate the fruit and elevated it to culinary glory as yet unexcelled. By about 1575, tomatoes could be found in gardens from England to the mid-Continent, but they were grown primarily as an ornamental curiosity.

The French, with their flair for romance, named the "poison" fruit *pomme d'amour*, and the name stuck. When the tomato migrated back across the Atlantic to the colonies, the name "Love Apple" and the bad reputation apparently came with it.

We find no record of tomatoes being grown in this country until after the Declaration of Independence. Then, a progressive Virginia farmer named Thomas Jefferson grew and ate tomatoes in 1781. He survived.

People in New Orleans were eating them by 1812,

but it was many years after that before the tomato was raised for food throughout the country. One Harrison W. Crosby introduced tomatoes packed in tin cans as an article of trade in 1848 in Easton, Pennsylvania. They sold for 50 cents a can. By 1890, the price was down to seven cents. In 1891, the nation's packers canned 3.3 million cases. In 1976, more than 7.5 million tons of tomatoes were produced with a market value of more than \$400 million.

Undoubtedly, those people who ate tomatoes had made efforts to improve them throughout history, but serious breeding programs in the United States began about 1860 as the tomato became an increasingly popular food. Early breeders limited their efforts to selections within existing stocks, mainly of French origin. These people wanted to incorporate desirable traits into true-breeding lines, and the great potential of hybridization was generally overlooked.

"There are some breeders today who believe you can achieve the same degree of perfection by inbreeding that you can get by hybridization," says Lambeth, Mizzou's tomato man. "I don't happen to believe this. I think it takes the inbreeding phases to get the desirable traits fixed. But we should not overlook the great potential of hybridization to pull together more desirable traits."

Mizzou first got involved with tomato breeding about 1930 when Dr. Mitchell Tucker and Dr. Raymond A. Schroeder, along with tomato breeders everywhere, began looking for a cure for a tomato disease called fusarium wilt. The disease is caused by a soil-borne fungus which attacks the water-transporting tissue of the tomato plant, causing it to wilt and die. A field infected by the fungus could be lost to tomato production for years. The disease was costing the nation's agriculture a lot of money.

MISSOURI RESEARCHERS Tucker and S.W. Bolin found a selection of the modern tomato's wild Peruvian ancestor that was immune to fusarium wilt.

That was good news. The bad news? The wild tomato produced a fruit about the size of a pencil eraser and almost as tasty. But the fusarium immunity is controlled by a single dominant gene, which meant odds were good for producing a plant with the disease resistance of the wild tomato and the desirable fruit characteristics of domestic varieties.

It took 15 years, but Mizzou researchers did come up with a wilt-resistant, high-yielding tomato.

Lambeth started work in the breeding program a few years before Tucker's death and became familiar with the lines that his predecessors had developed.

"The fruits were not yet commercially acceptable," Lambeth says. "They were too small. Since this is a single-gene-dominance type of resistance, I saw the quickest way to build fruit size was by hybridization. By using a large-fruited parent, we could step up the fruit size in one cross."

By this time, Lambeth says, there were 15 or 20 stable, true-breeding lines with the fusarium resistance fixed, so he could almost take that trait for granted and concentrate on other characteristics.

"I STARTED TO HYBRIDIZE these with the larger-fruited varieties of several kinds — for the greenhouse, for the home garden and for the market," says Lambeth.

Also at that time, germ plasm from Tucker's resistant varieties was exchanged with breeders throughout the world. Most new varieties of tomato released today have fusarium resistance, and much of that resistance came from Missouri.

The Missouri researchers, Tucker, Schroeder and Lambeth, have continually emphasized yielding ability in selecting breeding lines for their crosses. Consequently, Missouri tomato yields today are about three times higher than during the 1940's. Some credit for increased yield goes to improved cultural practices, too. But there is a genetic factor involved, Lambeth says, because the new varieties respond to improved cultural practices more than the old ones did. No amount of tender loving care

will increase the yields of the old varieties to match the hybrid newcomers.

After fusarium resistance, increased yield, larger fruit size and adaptability to various growing methods, Missouri researchers began investigating several questions regarding acidity in tomatoes.

Many tomatoes, particularly the yellow varieties, are advertised in seed catalogs as being low-acid or non-acid. Mizzou researchers tested the acidity of those varieties and found it about the same as other tomatoes.

"They are not, in fact, low-acid," Lambeth says. "But they don't taste as sour because many of them have a high sugar content along with the high acid."

DEVELOPING FRUIT FIRMNESS, of great concern to commercial tomato processors and to growers who sell for the fresh produce market, is a current Lambeth project. Most market tomatoes are picked many days and hundreds of miles away from the grocer's counter where they are sold. A ripe tomato doesn't last very long under the best conditions, so the fruits are picked while still green to prevent machine damage and spoilage during transportation.



MIZZOU'S TOMATO VARIETIES

The hybrid tomatoes developed by Dr. Victor Lambeth as a result of Mizzou's 40-year-old breeding program and available from commercial seed companies, are listed and described below.

AVALANCHE

Introduced in 1963. Hybrid, wilt resistant, 70 days to maturity. Medium-large, deep globe, red fruit. Good crack resistance. Prone to blossom end rot — keep adequate moisture level. Very productive. Firm. For market and home gardens.

PINK DELIGHT

Introduced in 1975. Hybrid, wilt resistant, 70 days to maturity. Medium-large, smooth, globe shape, pink fruit with good internal characteristics. Best crack and split resistant pink to

date. Very productive, attractive, firm. For market and home gardens.

PINK GOURMET

Introduced in 1968. Hybrid, wilt resistant, 72 days to maturity. Large, pink-purple fruit. Early fruit usually have deep blossom scars and rough lobed shoulders, but by mid-season fruit is large, smooth, meaty and of outstanding quality. Best for home garden use.

RED HEART

Introduced in 1970. Hybrid, wilt resistant, 75 days to maturity. Fruit large, smooth, meaty, red. Tomato center has deep red "heart". Best for home garden use, or local market.

SUN UP

Introduced in 1963. Hybrid, wilt resistant, 65 days to maturity. Fruit medium sized, smooth, red. Plants determinate (bush type) with concentrated early set of fruits. Needs good fertile soil. For early market or home garden.

SUPREME

Introduced in 1957. Hybrid, wilt resistant, 70 days to maturity. Fruit medium-large, smooth, globe shape, red. Moderately crack susceptible. An all-around good tomato for market and home gardens.

SURPRISE

Introduced in 1955. Hybrid, wilt resistant, 68 days to maturity. Fruit medium-large, smooth, slightly flattened globe shape, red. Crack resistant. Slight tendency to blossom end rot — keep adequate soil moisture level. Very productive, firm. For market and home gardens.

TOMBOY

Introduced in 1960. Not a hybrid. Wilt resistant, 68 days to maturity. Fruit large, pink. Early fruit usually have deep blossom scars and rough lobed shoulders, but by mid-season fruit is large, smooth, meaty and of outstanding quality. Home garden use.

BUT EVERY TRUE TOMATO lover knows the fruit must ripen on the vine in order to develop really good flavor. Now, Mizzou horticulturists offer hope to that tomato lover who yearns for a vine-ripened tomato in January, or to the city-dweller who must make a safari to the hinterlands to find a fresh tomato that doesn't taste like a worn-out tennis ball.

"With our current varieties, there is no way you can allow the fruit to ripen on the vine and get the quality that you want — and still get it to the market in acceptable condition," says Lambeth. "But we're making progress now. I think that within a few years we will have varieties that can do this. We already have lines whose fruit will stay on the vines two or three weeks and still be in edible condition. Others are gone in a week."

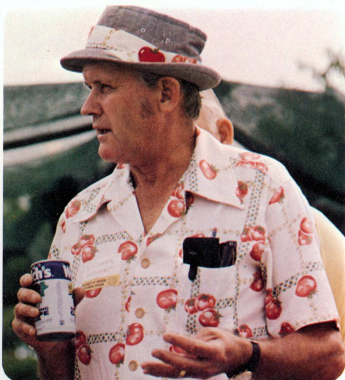
Lambeth has one new hybrid ready for release to the seed companies now. It lasts significantly longer after ripening than anything currently on the market. Those who like a juicy tomato with a lot of seeds may find this variety too hard; but those who like a firm tomato seem pleased with it, says Lambeth.

When the research on fusarium wilt resistance began, some tomato breeders had hopes of developing a tomato that would be adaptable throughout the country — Everyone's Tomato, if you please. As research progressed, it became apparent that no such thing would happen, says Arthur Gaus, horticulture extension specialist. Tomatoes are just more rigidly adapted to their environment than that. So today research is aimed at developing a tomato for everyone. There are dozens of varieties available for a variety of purposes and growing conditions. Whether you want to grow tomatoes in a greenhouse, in your garden, on a truck farm — or even in a pot on your patio — there probably is a variety well-adapted to your specific requirements.

Since we now have tomato varieties that are disease-resistant, highly productive and adapted to almost every kind of growing situation, why not halt this research and channel the time and money elsewhere? The question is asked from time to time, even by people who should know better.

"I think it would be disastrous," says Lambeth, "in view of our growing need for food in the world today. People who are in biology know that we can't afford to do this. We are hard-pressed as it is to keep up with those fungi, bacteria and viruses that cause diseases. There is a new race of fusarium wilt now, called Race 2, that is playing havoc down in Florida and the Southern states."

BREEDERS LIKE LAMBETH have been able to stay even with Mother Nature because of their skill in recognizing superior lines that will combine well and manifest those characteristics that we desire. That skill cannot be acquired without experience. Lambeth owes much of his success to the fact that Missouri's tomato-breeding program has continued uninterrupted for nearly half a century.



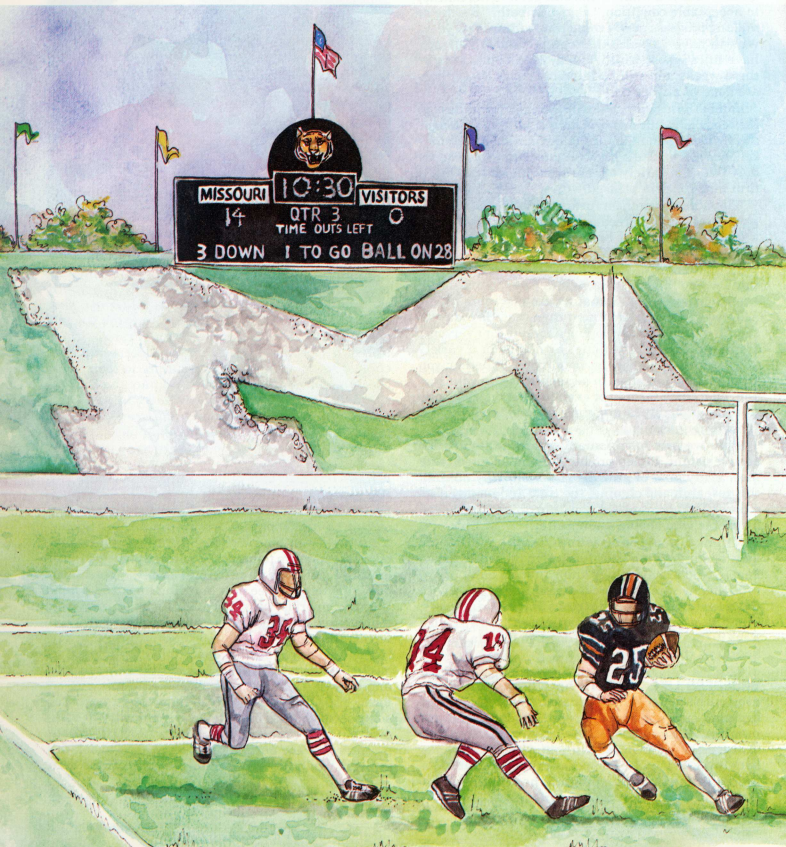
Vic Lambeth dresses appropriately for Mizzou's Tomato Field Day.

For those readers who want to know more about tomatoes, several sources are available. Lambeth served as a consultant for a new book called *All About Tomatoes*, available for \$3.95 from Chevron Chemical Company, 575 Market Street, San Francisco, CA 94105. It contains everything from addresses of seed companies to advice on plant culture to recipes for cooking and canning tomatoes. Contact the University Extension Division representative in your area for advice about local varieties and growing conditions. Several guide sheets and pamphlets also are available from the Extension Division.

A TOMATO FIELD DAY is sponsored each summer by the horticulture department at its farm near New Franklin. It usually occurs in mid-July, depending on how the tomatoes mature. The date is announced a few weeks in advance. The event is open to anybody interested in tomatoes — gardeners, truck farmers, seed company representatives or the "just curious." Visitors can see new breeding lines and potential new hybrids, plus demonstrations of irrigation techniques, pruning and staking systems and liquid fertilization.

The field day is also an opportunity for growers to ask horticulture specialists Lambeth and Gaus about any special problems with disease, insects and so forth. Those who are really serious might even get some seed samples from new varieties to try in their own gardens the next year. These tests by private growers give the horticulturists a chance to ask the growers what they think of the research efforts here at Mizzou.

Most of them think a lot of it. □



MISSOURI 14 VISITORS 0
10:30 QTR 3
TIME OUTS LEFT 0
3 DOWN 1 TO GO BALL ON 28

OUR M ON THE HILL

By Steve Shinn

The big, stone M at Faurot Field will be 50 years old this fall. Except for the events of the past few months, the anniversary might have gone unnoticed. In fact, the big, stone M may be lucky to be having a birthday at all. But some landmarks spark an intense pride, apparently. No one talked much about his feelings about the M — that is, no one talked until its future was threatened by a proposed seating expansion. In December the Board of Curators approved the addition of seats at the north end of the stadium — the home of the M. Alumni and student reaction was both spontaneous and overwhelming. There were several reasons why many preferred expansion at the open, south end, but almost all protestors mentioned the big M.

“What gives the Curators the right to tear out our beautiful block M at Faurot Field?” wrote one recent graduate. And from an older Tiger fan, “who has lived for years with the poorest dressing rooms, refreshment stands, and restroom facilities in the Big Eight Conference, I implore you to save the stadium’s one redeeming feature (not counting the press box) — our Big M.”

The Curators reversed their decision. Somehow, the big M had quietly become an important part of Mizzou’s heritage.

Over the years, little has been written about the stadium landmark. No legends have emerged that would give it the same status as the Columns. The only incident anyone can recall involving the M was before a Missouri-Nebraska game — probably in the 50’s — when a group of pranksters changed the M to an N on Friday night. Groundskeeper Olen Thornton and a group of young boys whom he promised free admission to the game that afternoon worked feverishly Saturday morning to restore the M before game time. Few fans ever knew of the near catastrophe.

But the big M on the hill has become a tradition, nonetheless. And like all good traditions, the facts surrounding it are difficult to come by. People don’t always remember happenings of a half century ago quite the same way. Even the contemporary accounts don’t agree on several details. Articles in the *Columbia Missourian* and the *Missouri Student* (predecessor to the *Maneater*) disagreed on several points, including the size of the M, the number of persons involved and the day it was built. But such little dif-

ferences don’t really hurt. Tradition can’t be burdened by facts.

This we know for sure: The first game was played in Memorial Stadium in 1926. The M was constructed before the first home game in 1927 from rock left over from the blasting required to shape the stadium. And we know that the late 20’s were a time of great school spirit. Every freshman automatically was a member of the Thundering Thousand, a pep organization led by the legendary professor, Jesse Wrench. Before each home football game, the group assembled at the Columns and marched to the stadium “in lock step.”

In reviewing the October 1 game with the Kansas “Aggies” (won by Missouri, 13-6), the 1928 *Savitar* yearbook reported: “The ‘Thundering Thousand’ followed the Razzers around the field. Five hundred freshmen joined hands and encircled the cinder track in a single line while the band played ‘Ole Missouri’ in the center of the field. The pennants of all the Missouri Valley fluttered and danced above the stadium on a long line at the open end of the gridiron. . . . A huge stone M — the work of the Frosh the night before — loomed up white and threateningly against the embankment. The Missouri jungle beast — The Tiger — awoke from his long slumber of a year’s duration. . . . The 1927 season was on!”

The reporter for the October 6, 1927 *Missourian* was almost poetic in his description of the construction: “It was tradition in the making. Ninety feet high it stood against the north rim of the stadium. Seventy-five feet from east to west it reached. Wooden frames marked it out. Within the frames, brown and green tufts of grass stood up.

“First it
rained freshmen,
and then it
rained rocks.”

“Then the freshmen came over the rim of the stadium, and the rocks came down the rim of the stadium. First it rained freshmen, and then it rained rocks — but always freshmen and always rocks. The sun was blotted out. The air was white with rocks. Cries arose from all sides; not ominous cries, but cries of eagerness. ‘Yea Tigers! That’s the fight! Bring on your rocks.’”

The October 11, 1927 issue of the *Missouri Student* was somewhat more subdued: “Six hundred freshmen moved approximately 300 tons of loose

rock Wednesday afternoon and built a gigantic M at Memorial Stadium. . . . No prison-hardened crew of rock crushers ever made little ones out of big ones better or faster. . . . It was an opportunity that comes once in a long time to a university, and almost never to a freshman class — that of establishing a permanent new tradition.

“Assembling in military formation at Francis Quadrangle under the direction of Colonel M.C. Kerth [the ROTC commander], the freshmen listened to a short talk by Student President Hartley Pollock and gave some yells. About 5 o’clock, the Razzers escorted them to the stadium. [The Razzers was an honorary pep organization. Its president for 1927-28 was Irving Fane, now a University Curator.]

“The outline of the symbol rapidly filled with stone.”

“The frame outline of the symbol, 130 feet high and 150 feet wide, rapidly filled with stone as the black-and-gold-topped youths began their work. [John Burks, stadium maintenance coordinator, recently stepped off the M. He found it to be 95 feet high and 90 feet wide at the base.] . . . First in a disorderly mob and then in a systematic series of human ‘rock lines,’ they quickly moved into place the large mass of rocks scattered about. . . . Shortly after 6 o’clock, the entire 5,875 square feet of the letter had been covered. . . . C.L. Brewer, director of athletics, and President Pollock are to make arrangements for spraying a surface of gold and black paint on the letter.”

As far as anyone remembers, the M never was painted black and gold. It was whitewashed from the beginning. Pollock, now a St. Louis lawyer, also recalls that the ROTC was more involved in the project than the contemporary accounts indicated, and that members of the sophomore class, who, with the freshmen, were required to belong to ROTC, voluntarily took part in the M project in lieu of an ROTC drill.

This is somewhat borne out by Garth Landis, now a St. Joseph lawyer and a sophomore in the fall of '27. “I remember helping build the M,” says Landis, “but since I’m more allergic to work than anybody, I’m sure I didn’t volunteer.”

Pollock also contacted William T. Tiffin, of Clearwater, Florida, and George Schmick, of Rolla, two of

the engineering students who — together with the late Gene Stalker of Kansas City — staked out the M. Tiffin related that their first effort flared too much at the bottom, causing them to “reshoot” the initial to give it the appearance it has today.

Until World War II, members of the freshmen class traditionally repaired and whitewashed the M each fall. When 24 and 25-year-old veterans appeared on Campus as freshmen, hazing generally came to a halt. One didn’t send a veteran of Iwo Jima through a paddle line or force a survivor of D-day to white-wash a huge stone letter.

Olen Thornton, who was in charge of maintaining the stadium for the 30 years prior to 1975, recalls that fraternities took over the task at that point. The whitewashing of the M was considered such an honor that — shades of Tom Sawyer — fraternities sometimes made arrangements to perform the task a year in advance. Then came Vietnam, and many students lost interest in many traditions. Thornton’s crew, together with paid student workers, handled the job for two or three years.

Now, tradition has returned. For the past three years, a new fraternity, Pi Kappa Phi, has repaired and whitewashed the M. The fraternity hopes to make it a permanent project, says their public relations director Jerry Bennett.

The project requires some seven or eight barrels of whitewash (that’s 15-16 sacks of lime), brooms and buckets. “After a while we get tired using the brooms,” says Bennett, “and we just slosh it on. Some of our Little Sisters always help, and we may end up painting pictures on each others’ backs. The whole deal takes about 2½-3 hours. We have fun.”

They’re also maintaining a tradition that holds considerable meaning for many persons.

“One of my fondest memories of coming home was the Big M.”

When it looked as if north-end expansion would destroy the M, Allen D. Bronz of Florissant, Missouri wrote Chancellor Herbert W. Schooling:

“At the close of World War II, one of my fondest memories of coming home was not the Statue of Liberty in New York harbor, but flying over Columbia and seeing the big, beautiful, white Missouri M shining in the autumn sun.” □

Around The Columns

Curators approve south-end stadium seats to be built by fall 1978

A plan to add 8,700 permanent seats at the south end of Faurot Field was approved at the February 18 meeting of the Board of Curators on a 6-2 vote.

Curators C. R. (Dick) Johnston and Pleasant Smith, both members of the Board's Physical Facilities Committee, voted against the south-end expansion. Only eight votes were cast on the proposal, which had developed into a controversial issue in recent months, since the Rev. Richard L. Fisher did not attend the meeting. He was ruled ineligible to serve on the board since his appointment had not been resubmitted by Gov. Joseph S. Teasdale and confirmed by the senate.

Cost of the seats, estimated at \$974,770, will be financed by a proposed 50-cent surcharge on each ticket sold for Tiger home football games. The Big Eight Conference must approve the surcharge, and the Board authorized Professor Henry Lowe, Columbia Campus representative to the conference, to seek the approval.

The seats will be ready for use for the 1978 season. Earlier completion is not possible since plans and specifications now must be drawn and the project advertised for bids before a construction contract is awarded.

The Board also authorized borrowing a sum not to exceed \$900,000 through an eight-year non-recourse note as part of the stadium addition financing arrangement. The loan will be made from a bank or banks.

The Board emphasized that the addition will be financed entirely with intercollegiate athletic department funds, with no tax funds included. The only collateral for the bank loan, the Board said, would be funds from the 50-cent per ticket surcharge.

South end expansion, along with the proposed financing arrangements, was recommended by Mizzou's Intercollegiate Athletic Committee, which is composed of faculty, students, administrators and alumni.

Approval of the addition culminates more than two years of study as to the

need for and type of expansion of the stadium. In December, the Board approved expansion at the north end, but it rescinded the action last month after protests from alumni, students and the public. The protesters contended that north-end expansion would eliminate the traditional rock "M" (see page 24) and hillside seats which are sold as general admission tickets for half-price.

The approved expansion is Phase I of a plan developed by Bob D. Campbell & Co., Inc., of Kansas City. That firm has been hired by the Board to develop plans and specifications for the south end.

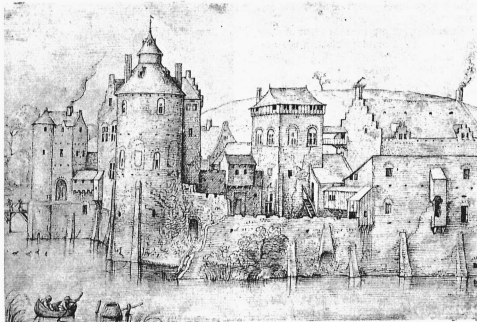
In a presentation to the Board's Physical Facilities Committee last month, the Campbell firm also outlined a Phase II plan for south end expansion which could add another 13,100 seats or a total of 21,800. In addition, Phase I and II expansion plans were outlined

which could add a total of 20,400 seats at the north end. The Board has stated, however, that no further expansion plans will be considered until the south end seats are paid for.

In another matter pertaining to Faurot Field improvements, the Board approved awarding a contract for \$359,600 for building additional restrooms for both men and women on the stadium's west side and for women on the east side. The contract went to H & O Construction Co., Inc., of St. Louis which submitted the lowest bid.

The new restrooms, to be financed entirely by athletic department funds, will be in addition to those already at the stadium. The new facilities will be built at the south end of the concourse on each side of the stadium. Construction is expected to be completed for the 1977 season.

MSA gives drawing to Art & Archeology Museum



A pen and ink drawing from the circle of Pieter Bruegel the Elder was purchased by MSA for the Museum of Art and Archaeology. The 16th century drawing was on display throughout February.

Gifts to Columbia Campus triple in year's first quarter

Private gifts for the Columbia Campus during the first fiscal quarter ending September 30 increased almost three times over the same period a year ago. The totals were \$1,206,432 compared to \$487,762 in 1976. Most of the increase (\$605,000) was in the unpredictable bequests category, and the \$506,000 Middlebush bequest accounted for most of that.

The Middlebush bequest from the late Frederick A. Middlebush and his wife Catherine Paine Middlebush was given for Lectureships in Religion or Public Affairs and for chairs in political science, literature, economics and law. The Middlebush Farm south of Columbia is the location of the Equine Center for the College of Veterinary Medicine, and a portion of the farm will be used by the Agriculture Experiment Station. Another farm located in Minnesota also was given to the University for agricultural experimentation. Frederick A. Middlebush was president of the University of Missouri from 1934 to 1954.

Alumni giving also showed a significant rise of 76.2 percent, to \$263,822 compared to \$149,707 a year earlier. The number of donors also was up, undoubtedly a reflection of the fact that some of the appeals, eliminated last year because of budget problems, were reinstated.

Controversy over land use erupts with proposed sale of Weldon Spring property

The University's Weldon Spring property has been a subject of discussion between the Board of Curators and conservationists for several years. The 8,088-acre tract, west of St. Louis and bordering the Missouri River near U.S. Highway 40, is the largest tract of open land near a major metropolitan area in the U.S., according to HOK Associates, a St. Louis consulting firm.

The Board of Curators had asked HOK to suggest ways the University could make the most money from the land and still follow good development practices. HOK told the Board in December that if the portion suited for development were sold, it could generate about \$67.8 million for the University.

Legislative and public opinion seems to be against the commercial development of the property.

A bill, sponsored by Senator Joe Frappier, R-Florissant, passed by the Senate and awaiting committee assignment in the House, prohibits the University from selling more than 500 acres without legislative approval. This bill was prompted by the fear that the University might sell Weldon Spring.

The Missouri Conservation Commission wants to use the land for recreation, supplementing the adjacent

7,000-acre Busch Wildlife Area.

In mid-February, the Conservation Commission and the University each agreed to hire firms to appraise the land, but negotiations on the sale of the property will not take place for several months, pending the appraisals and the appointment to the Board of Curators of three new curators by Governor Joe Teasdale.

The federal government gave the property to the University 28 years ago with the stipulation it be used for educational purposes for 20 years.

Distinguished professor discusses fundamentalism in Monroe-Paine lectures funded by Middlebush trust

Dr. Martin Marty, professor of the history of modern christianity at the University of Chicago Divinity School, delivered the first of the Rufus Monroe and Sofie Paine Lectures in Religion in February on Campus.

The lecture series was established by a trust created by the late Catherine Paine Middlebush in honor of her father and mother. She was the widow of the late University President Frederick A. Middlebush.

Mrs. Middlebush specified that lectures be in the fields of religion or public affairs or both, given in alternate years if possible, said lectures to be given by distinguished authorities in these respective fields.

The first series of Monroe-Paine Lectures in Religion will focus on "The Problem of Fundamentalism in Contemporary Religion." The lecture committee chose fundamentalism for the topic because "fundamentalism is a

phenomenon we're facing more and more in the Catholic Church and other Christian churches," says the Rev. Father J. Robert Barth, associate professor of English and a member of the lecture committee.

Committee member John Lankford, professor of history, says, "Fundamentalism is a very complex historical and political phenomenon that places emphasis on individual conversion. We'll try to unravel the complexities it presents."

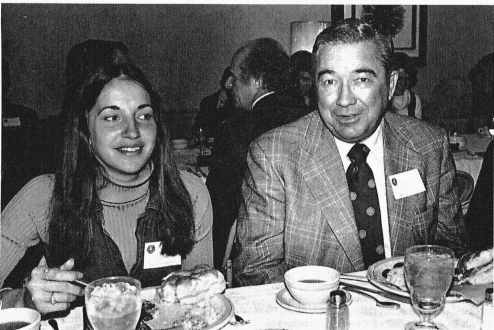
Biology centennial celebrated

The centennial of biology teaching and research on Campus is being celebrated with a symposium May 18-20. Seven prominent biologists will speak at the international symposium, Cellular Function and Molecular Structure: A Symposium on Biophysical Approaches to Biological Problems. A banquet May 19 will mark the 100-year history of accomplishments in biology at Mizzou and the 75th anniversary of cellular research. Sponsors include the Development Fund, the Agricultural Experiment Station Chemical Laboratories, the College of Arts and Sciences, the Graduate School, the Medical School, the Division of Biological Sciences and the departments of biochemistry, chemistry and veterinary anatomy and physiology.

Chancellor's Music Festival brings soloists to Campus; 'Elijah' to be performed

With the cooperation of Chancellor Herbert W. Schooling, the Missouri Students Association, and the lectures

Law student visits with legislator dad



State senator (19th District) Warren Welliver was one of 20 freshmen legislators who were on Campus recently to see firsthand the needs of the University. Welliver ate lunch with his daughter, Christy, a first-year law student, and met with Chancellor Herbert W. Schooling and the deans.

and cultural events committee, the music department is presenting the first annual Chancellor's Festival of Music during February and March.

The Festival opened with a recital by the Dutch Soprano Eilly Ameling. Ameling has made annual visits to the United States and Canada since her American debut in 1969, appearing with leading orchestras and at major universities and music festivals throughout the country.

Other programs have included performances by the Stuttgart Chamber Orchestra; a lecture/recital by Maurice Henson, pianist; and two programs featuring Albert Tipton, flutist, and the Campus's Esterhazy Quartet.

The Festival concludes with a gala performance of Mendelssohn's Oratorio "Elijah," under the direction of one of America's foremost conductors—Otto-Werner Mueller. The University Symphony Orchestra, guest soloists and a chorus of 250 students, faculty and townspeople will perform this work on Sunday afternoon, March 27.

Proceeds from ticket sales will be used to provide scholarships for University music students.

Government liaison appointed

Sandra Moody is the new Washington-based liaison for governmental affairs for the four-campus system. A native of Springfield, Moody is a graduate of Baylor University (BA '68) and George Washington University (MA '71).

Moody says her major role is to help obtain federal funding for projects and programs under way or planned for the campuses. She also will follow legislation which could affect the University, work with Washington-based educational associations with which the University is affiliated, and provide Missouri congressmen with information about the University.

She was a legislative assistant to former Senator Stuart Symington. Her salary is \$22,500 for a nine-month trial period.

Cholesterol researcher to be chairman of biochemistry

Dr. James L. Gaylor, professor of nutritional sciences and the section of biochemistry, molecular and cell biology at Cornell University, Ithaca, N. Y., will become chairman of the University's department of biochemistry in August.

Gaylor has had 16 years' experience in teaching basic and advanced courses in biochemistry and nutrition and in advising graduate students. He will bring to the University his research on the formation of cholesterol. He hopes to unravel the natural sequence of reactions related to cholesterol formation and determine what controls the formation rate.

The announcement of Gaylor's appointment was made by the deans of

the School of Medicine and the College of Agriculture. The departments of biochemistry and agricultural chemistry were merged on the Columbia Campus two and a half years ago.

Carman heads women's studies

Anne Carman, a PhD candidate in English, has been named coordinator of women's studies.

Carman will work with the Committee on Women's Studies and Campus academic departments in developing course work.

Courses of interest to women and about women's accomplishments already have been developed in several departments including English, speech and dramatic arts, psychology, sociology, history, political science and economics.

Carman will research women's studies programs at other universities for ideas for the Mizou program.

In 1975, Carman was state coordinator of the Missouri Equal Rights Amendment Coalition.

Alumnae asked to contribute letters, diaries, documents

Women graduates of Mizou are being asked to contribute letters, diaries and professional, business or organizational records of individual women or women's groups to the Western Historical Manuscripts Collection. The request comes as part of the annual appeal from the Alumnae Anniversary Committee. The committee asks alumnae to contribute to a fund from which a \$1,000 award is made annually to a faculty woman, chosen for her "noteworthy contribution to the education of women on this Campus." Alumnae may make nominations. The fund also has supported the Women's Center and the women's athletic program.

Missouri four-campus system is 17th in total enrollment among nation's universities

The University of Missouri system ranks 17th among the nation's 30 largest institutions of higher education, according to a national enrollment survey.

The survey also indicates that UM system's slight overall enrollment decline this year fits a national pattern.

The annual survey shows a national drop of 8 percent. The University experienced a drop of 2.6 percent, nearly all of which was on its two urban campuses, UMKC and UMSL. Higher fees, expiration of G. I. benefits for many ex-servicemen, inadequate financial aid and enrollment limits all contributed to the decline. The University's total enrollment last fall was 37,445 fulltime students and 52,048 grand total.

The only other Big Eight institution in the top 30 is the University of Colorado which ranks 28th.

Mizou, Japanese university to exchange faculty, students

Columbia Campus and Sophia University, Japan, will exchange students and faculty members under a plan recently approved by the Board of Purators.

Students with at least "B" averages at either university can attend the other, paying regular fees, except that Mizou will not require non-resident fees of such students.

President Joseph Pittau of Sophia visited Campus last summer to work on details of the agreement. Dr. Soon Sung Cho, professor of political science and a Korean native, and Dr. Richard A. Watson and Dr. Wayne L. Francis, professors of political science, were instrumental in setting up the exchange.

agriculture

Kung's weather research funds total more than \$1 million

Dr. Ernest C. Kung has gone over the \$1 million mark in research funds.

Kung, professor of atmospheric sciences, recently was granted \$125,000 by the National Science Foundation for continuation of global weather studies to identify basic mechanisms on how meteorological low and high pressure areas are maintained. An added study this year will be on basic statistical structure of climatological variables.

The new grant increases to \$1,047,000 the funds allocated by the Foundation since 1967 for Kung's studies.

Matches to lead forage council

Dr. A. G. (Jerry) Matches, USDA Agricultural Research Service scientist and professor of agronomy, is the new president of the American Forage and Grassland Council.

AFGC is made up of 150 university and industry experts concerned with efficient forage production and use.

Matches is nationally recognized for his research on pasture systems and pasture-animal research techniques.

Agriculture alumni receive Citations of Merit; honorary alumni named



Glaves



Irwin



Taylor



Cheek



Morse



Paul

Six persons received special awards at the annual Ag Day Barbecue in February.

Alumni Citations of Merit were given to Lloyd Glaves, BS Agr '13; M.R. (Dick) Irwin, BS Agr '34, AM '41, and Hal R. Taylor, BS Agr '49. Glaves, Mizou's first agriculture graduate from Lewis County, is considered one of the founders of the Extension Service in the county. From 1946 to 1962, he was an On-the-Farm Training Instructor for the Veterans Administration. He is still an active farmer. Irwin is chairman of the board of Colonial Poultry Farms, an

agribusiness producing 16 million chicks a year, with hatcheries in three states and distribution throughout the Western Hemisphere, Europe and the Orient. He was on the faculty at Mizou from 1939 to 1947 and is co-author of "Hatchery Operation and Management," a text used by universities. Taylor is deputy director of the Office of Communication of the USDA. He coordinates information sent out by the 18 agencies of USDA, administers a staff of 200 and supervises a publication budget of about \$16.5 million annually. He has been in

agricultural communications at four state universities.

Named Honorary Ag Alumni were W.R. (Bill) Cheek; Charles W. Morse; and Roland (Pig) Paul. Cheek is director of personnel and sales development for Ralston-Purina in St. Louis. Morse is manager of the Federal Land Bank Association of North Central Missouri. Paul has made a name for himself in the pork industry nationally. A graduate of Iowa State, he was elected to that university's Hall of Fame. He now is located in southern Missouri.

Ag alumni elect officers

The Agriculture Alumni Organization elected board members in February. They are President Alan King, Dadeville; 1st Vice President Reuben Turner, Chillicothe; 2nd Vice President Clyde Brown, Laddonia and Secretary-Treasurer Jim Sprake, St. Joseph. Re-elected were Bill Robbins, Trenton, District 3; Kent Walker, Clarence, District 5; Derry Brownfield, Centertown, District 9; Jim Fulkerson, St. Louis, District 11; and Don Boesch, Farmington, District 19. New board members are Marshall Pile, Albany, District 1; John Saunders, Osborn, District 2; Konrad Heid, Kansas City, District 7; Kenneth McCutcheon, Versailles, District 13; Jim Honey, Carthage, District 15; and Charles Miller, Willow Springs, District 17.

Researcher named to Academy

Dr. Daniel Millikan, a researcher specializing in fruit disease, has been named to the Polish Academy of Science. He is one of only 11 American professors so named.

Aggies from cities increase

The percentage of students born and raised on farms declined by four percent in the College of Agriculture, from 57 percent in 1965 to 53 percent in 1975. The College showed the highest decline in male students of 14 universities polled in a recent study. Male freshmen dropped from 90 percent in 1965 to 88 percent in 1970 to 71 percent in 1975.

"We have a dramatic increase in the number of women getting into landscaping and horticulture," Associate Dean Homer Folks says.

Area city-raised agriculture students at

a disadvantage in a classroom full of farm-raised students? "Some people say yes and some say no." Folks says.

But the students' backgrounds may have an effect on the College. "We've had faculty recommend we put farm machinery on display and label it so people who've never been near a farm could get familiar with it." Folks says.

Greg Martin, instructor of animal science, said at least half of approximately 80 Mizou students entered in the 35th annual Little International Showmanship Contest held recently had no prior experience with farm animals. The urban students overcame their disadvantage with "enthusiasm, patience and hard work."



Best-seller, TV series used in new class on African Roots

"Roots," the best-selling book by Alex Haley, is the major resource for a special course offered during the winter semester. The course, titled African

Roots in American Soil and taught by Dr. Arvath Strickland, professor of history, also used the TV series. The University plans to buy the TV show for use in future classes.

More than 80 students are enrolled in the course, which covers black and overall U.S. culture from 1767 through emancipation.

Strickland is a recognized authority on black history and is co-author of "The Black American Experience," a two-volume publication that chronicles the history of black people in this country.

"Although the meat of the course is contained in the readings, the television series serves as a motivational and emotional approach to the course. Television stimulates thinking about things, then we turn to more scholarly ways of thinking about them," Strickland says.

Other readings and a workbook are also used in the course.

Scientist wins grant for work in acoustic sound mechanisms

Dr. H. Carl Gerhardt, assistant professor of biological sciences, has been awarded a prestigious \$113,000 Research Career Development Award from the National Institutes of Health and \$33,000 from the National Science Foundation to continue his research into acoustic communication.

The National Institutes grant will pay Gerhardt's salary for five years. While most of his research will be in Columbia, the scientist will spend a year in Europe learning techniques related to his research interests.

His research into the basic mechanisms of acoustic sound could have applications for humans and permit the study of the genetic relationship between vocal and auditory systems.

'Spring cleaning' uncovers research library materials

A "spring cleaning" of academic materials last summer turned into a Teaching Resource Center and library now available to the English department's 107 teaching assistants.

With a grant of \$1,500 from the Task Force on Undergraduate Education, the department hired three half-time summer teaching assistants to wade through a voluminous accumulation of handouts, course syllabi and books.

The resulting Teaching Resource Center provides both new and experienced teaching assistants with "good backup material for their teaching," according to Lower Division Chairman Winifred Horner.

The center contains files of 50 categories including tests, syllabi and writing assignments which have been used in each of the 20 freshman and sophomore level courses. In addition, there are files of information on topics such as thesis sentences, paragraph and punctuation. The 700 volume library developed under the grant uses a cataloging system based on how the books could be used for teaching.

English TA's teach more than 5,000 students each semester. "Without the wealth of information provided, we would have been floundering about for approaches to the subject matter," says one TA.

Faculty shows versatility with Honors College classes ranging from writing sci-fi to how to attend a concert

In the Honors College class, Writing Science Fiction, the instructor as well as the students is writing either a short story or a portion of a new novel. The instructor is Dr. David Shear, associate professor of biochemistry and a published science fiction author.

Other Honors College courses offered this semester demonstrate a variety of areas of expertise and interest on the part of faculty members.

Dr. George Fasel, director of the Honors College, is teaching a Fine Arts Colloquium which gives background information on a total of seven concerts, plays, exhibitions and films which will be offered on Campus this semester.

Freshmen can take a class called Lives of Modern Artists with Dr. Vera Townsend, associate professor of art history and archaeology. They will read biographies and autobiographies of such creative individuals as Monet, Van Gogh, Gauguin, Ernst and Benton.

Dr. Mark de Chazal, professor of chemical engineering, is teaching Society and the Chemical Environment, which will cover energy, pollution, food supply and nutrition, pest control and mood altering drugs as well as other topics. The lecture material is from current journals.

Dr. Arthur Kalleberg, professor of

political science, is teaching Great Books: Themes in Political Theory--Marxism.

Modern Literature and the Quest for Values, taught by Sue Crowley, will require students to read Eliot, Camus, Faulkner, O'Connor, Kazantzakis, Wiesel and Updike.

Other classes are The Biology of Muscle and Its Movement, Comparative Social Science Methodology, Law in Twentieth Century America and Chinese Civilization, Traditional and Contemporary.

Native storytellers, computer both help anthropologist map topography of Mayan language

Dr. Luanna Furbee-Losee, assistant professor of anthropology, is spending this semester in the Mexican state of Chiapas listening to storytellers. She hopes to hear, and to tape, myths and legends and examples of verbal dueling as a part of her study of Mayan languages.

There are about 30 groups of the cultural descendants of the Maya, each speaking a language uniquely its own, but which is believed to have developed from the same "proto-language" as that from which each of the other groups' languages derived.

She did preliminary research in 1975 in Chiapas with the support of the University Faculty Research Council. This year, she is concerned with Tojolabal, the language spoken by about 30,000 Indians in Chiapas, which is located on Guatemala's northern and western border. With the help of a \$34,626 grant from the National Endowment for the Humanities, she and several graduate students have made the trip to talk with Indians and tape examples of discourse. As a scholar mapping the topography of an unfamiliar language, Furbee-Losee must prepare a grammar, an edited group of tapes and a dictionary. The grammar is complete. While in Mexico, she will mail transcriptions of conversations and other speech to John Pappas, a graduate student in computer science, who will enter the data into the computer and then mail back a working copy of the dictionary as it is being generated by the computer.

Apart from its importance in helping to work backward toward the proto-language, Furbee-Losee's study may help anthropologists to understand the migrations of the Mayan people.

Language departments combine to offer comparative studies

The departments of English, romance languages, Germanic and Slavic languages and classical studies are now offering an area of concentration in comparative literature.

In the new program, students have flexibility in designing a course of study embracing more than one national

literature, both modern and ancient. The aim of the program is to train students in the study and appreciation of literature in its international and intercultural contexts. In addition to an orientation course Approaches to Comparative Literature and a nucleus of upper-level reading courses in one foreign language, students take an array of courses in English literature and foreign literatures, either in the original or in translation.

The program provides a background for teaching humanities and great books courses in community and junior colleges and for admission to graduate programs in comparative literature.

"This type of area program in literature is responsive to the interdependent world we live in," says Dr. Meyer Reinhold, professor of classical studies and chairman of the committee on comparative literature.

business and public administration

Accounting majors give advice on taxes to low-income people

More than 50 accounting majors are manning free tax clinics sponsored by the Central Missouri Counties Human Development Corporation.

The clinics, in their fourth year of operation, served more than 350 low-income and elderly persons in an eight-county area last year. Dr. Don Marshall, associate professor of accounting, supervises the teams of seniors and graduate students who travel throughout Mid-Missouri assisting in the program.

"It gives us a lot of practice. It's challenging to sit down with some of these people and to get the information out of them you need to help them fill out their returns, but it's also fun," says Rusty Jandl, a senior who is in his second year with the program.

"Most of the students will get a chance to do 15 or 20 returns this year," Marshall says. "The enthusiasm for the program is so high that we could do a great deal more. Students gain in a professional sense from dealing with one person, who may be a difficult person to communicate with. We have talked about

tax problems in the classroom in the abstract, but in this situation, they have to cope with putting the problem down on the tax form. They learn more about the law and reinforce what knowledge they do have. In a personal sense, students feel good about providing this social service to people who cannot pay for professional tax help. They also enjoy the association with other good students. We go out to a town and work furiously from 6 to 9:30 p.m., then we come back to Columbia and drink beer and eat pizza and talk."

education

Education Week features talks

A social studies teacher and coach was the kickoff speaker during Education Week held in February. Other speakers--students, faculty members and school administrators--told students "How To Make Your Own COAT (Career Opportunities and Alternatives for Teachers) For Fun and Profit," and explained job seeking skills and what is expected of teachers. Dr. Robert Shaw, associate professor and former superintendent of Columbia Public Schools, spoke at the Phi Delta Kappa dinner meeting. Social events included an ice skating party and a showing of the movie "The Other Side of the Mountain." Events were sponsored by the Education Student Council and the Student Missouri State Teachers Association.

'Moral education' is trend of 70's; teachers learn how to handle subjects in class

Education has made another of those full circles--from the morality taught by the McGuffey reader to bland little Dick and Jane whose world was free of problems and moral dilemmas to the new "moral education" of the 70's.

Parents, teachers, business and religious groups and government leaders expressed concern at the 1976 Conference on Citizen Education about the quality of citizenship education in this country. HEW and the Council of Chief State School Officers sponsored the conference.

Dr. Carl C. Fehrl and Dr. John P. McCarthy of the department of curriculum and instruction at Mizzou are interested in "the complexities of contemporary moral issues and helping young people develop value systems consistent with good citizenship and individual freedom and responsibility in a democratic society."

They have for the past four years been involved with a law-focused citizenship

education program. The program, sponsored by the Missouri Bar, teaches teachers how to teach citizenship. An introductory course, which has been taken by more than 2,400 Missouri teachers, is called Teaching Legal Rights and Responsibilities of Citizenship in a Free Society. Now an advanced course called Teaching Contemporary Legal Issues of Citizenship in a Free Society is being

Philosophy grad student teaches critical thinking



Doctoral candidate Paul Wagner gets some reactions in his class on "critical thinking" for elementary school children now being taught as an experimental course at the Laboratory School.

Philosophers and children have a lot in common. They both ask questions which seem simple but are almost impossible to answer.

Often this natural inquisitiveness on the part of children is ignored in the schools, however a new movement to use philosophical techniques in teaching children critical thinking has begun to capitalize on this quality.

Paul Wagner, a doctoral candidate in education, teaches classes in critical thinking to 11 and nine-year-olds at the University Laboratory School. Wagner, who has a master's degree in philosophy, is adamant about the necessity of a firm background in philosophy prior to teaching these courses.

"The most dangerous thing about these new courses in critical thinking, which are springing up around the country, is that they could end up like the new math--taught by inadequately trained people," Wagner says.

Wagner, who presented a paper at a Yale University conference on philosophy for children last summer, notes that the key to these critical thinking courses is that they cannot be taught in strict, pedagogical form.

"Although the text for the class, Harry Stottlemeier's Discovery, indicates areas which may be covered," Wagner points out, "the teacher has to be ready to respond to things the children say."

For example, Wagner recalls the class session when the philosophically-complicated "mind-body problem" came up in the form of a discussion of the Saturday cartoon show, "Captain Marvel."

"The discussion centered on whether or not Billy became another person in the form of Captain Marvel," Wagner says. "After some rather high-level thinking out loud, the children decided that Marvel and Billy were actually the same personality using two different bodies."

Wagner stresses the fact that philosophical terms and familiar names such as Plato are seldom mentioned in class. Rather, the total thrust of the course is to develop children's "skills of philosophical analysis--make them aware of linguistic expressions as useful tools in personal reflections."

Anytime that these children make a claim, they support it with a reason," Wagner says proudly. He adds that some of the children say they have noticed that those who don't take "logics" as they call the class, aren't as interesting because "they don't give reasons for what they say."

Programs similar to Wagner's exist in eight cities throughout the country from Boston to Berkeley. However, Wagner's classes are the first attempt to teach philosophy at the elementary level in Missouri.

offered. In the new course, two sessions deal with teaching morality. The teachers use filmstrips to present a moral dilemma and then use discussion to allow students to discover the "right" answer or answers to the problem. The teachers do not give the children the "right" answers. The students develop "social reasoning skills and value systems," Fehrle says.

"What we can do is to promote moral conduct by providing the means by which students can arrive at beliefs, defend them, demonstrate a commitment to them and develop a method for criticizing them," Fehrle and McCarthy say.

engineering

College has record enrollment

The fall enrollment was the highest in the history of Mizzou's College of Engineering with 1,592 undergraduate and 637 graduate students for a total of 2,229.

College presents Honor Awards to alumni, friends



Hoffmann



McKetta



Moulder



Thomas

The College of Engineering will present its annual Honor Awards for Distinguished Service in Engineering to four outstanding U.S. engineers April 8.

These men, chosen on the basis of their contributions to society through professional engineering and management practices, will receive bronze medals and framed citations at a special ceremony and banquet.

This year's awardees are Karl H. Hoffmann, BS CHE '33, retired corporate vice-president of Bemis Company, Inc., Minneapolis; John J. McKetta, E.P. Schoch Professor of Chemical Engineering, The University of Texas at

Currently, 10 percent of all students on the Mizzou campus are enrolled in engineering.

More than 140 engineering undergraduate scholarships were awarded this year, reports Dean William R. Kimel. This is a 300 percent increase over the past two years.

Scientist converts waste food for human, animal nourishment

Many hungry people in underdeveloped regions of South America and Africa have never heard of the state of Missouri. Yet, a Missouri teacher and research engineer, Dr. Charles Dunlap, assistant professor of chemical engineering, is acutely aware and concerned about their problems. He is actively engaged, along with a number of other American scientists, in an attempt to alleviate the misery of inadequate diet and starvation through the conversion of agricultural and food products waste into nourishing forms of human or animal foods.

On recent survey trips to Guatemala, Colombia, Ecuador, Peru, and Brazil, and the Ivory Coast, Africa, he was accompanied by Dr. Stanley Barnett, University of Rhode Island, and Dr. John Nystrom, of the U.S. Army Natick Research and Development Laboratories.

"Government agencies, agricultural leaders, and manufacturers in these countries are concerned about waste, and often aware of its potential as an alternative or additional food source," said Dunlap. "We found them receptive to our efforts to help in every case."

Dunlap's team was charged with the responsibility for preparing a report suggesting recommendations and justifications for waste-eliminating projects. Among those which the team

may propose would be the production of single-cell protein from waste bananas (the subject of research in Ecuador earlier this past year by Dunlap and Dr. C. L. Cooney, M.I.T.), production of vinegar from fruit waste, and production of single-cell protein from coffee bean pulp.

Dunlap's team was one of three funded by the League for International Food Education (LIFE) and the U.S. Agency for International Development, through a committee of the American Institute of Chemical Engineers.

For Engineer's Week, alumni plan luncheon; urban clubs announce spring social events

The annual business meeting and luncheon of the College of Engineering alumni will be April 9 at the Memorial Student Union. Reports on progress to obtain renovation funds and new facilities for the college will be heard. Honor students will be guests at the luncheon, which will be followed by a program with adjournment in time to attend the traditional Green Tea at the Chancellor's Residence, capping Engineer's Week April 2-9.

The St. Louis Club plans a buffet and dance April 23 at the Westborough Country Club. President Larry Keith is coordinating arrangements.

The Kansas City Club plans a buffet April 28 at the Hillcrest Country Club. President Ron Hollrah is in charge.

forestry, fisheries and wildlife

Brown finds tree 'antifreeze'

Why do some young trees survive in cold weather while others freeze to death? In search of the answer to this question, a professor of forestry, Dr. Greg Brown, has been performing "autopsies" on dead seedlings.

Brown has identified factors ranging from a "supercooling" phenomenon to a built-in "antifreeze" that could lead to the development of trees with greater cold-hardiness. And he and his colleagues have isolated and identified a glycoprotein (a protein bound with sugars) which binds the water in the cells and prevents it from turning into ice.

This same glycoprotein is found in black locusts, which are well-known for their hardness, and a similar glycoprotein has been found in fish inhabiting the Antarctic Sea.

Besides having the glycoprotein, the black locust and certain other cold-hardy plants have a special type of cell membrane that allows water to move more freely out of the cells. Without water in the cells, of course, ice can't form.

"It's the formation of ice that kills the cells," Brown says. "If this happens in the 'vital' parts of the tree—like the bud tips—results are fatal. Fruit production is lost for at least a year, and the tree may never recover.

"Without going into a lot of physiology," Brown says, with reference to the "supercooling" phenomenon, "some plants have mechanisms which tend to keep ice crystals from forming. For example, in trees like black locusts, cellular ice crystals won't form until cell sap reaches 15 degrees Fahrenheit or below."

The "antifreeze" mentioned earlier is another reason for the black locust's cold-hardiness. "Living cells contain lots of sugars and other organic substances which act as an antifreeze," he says. "Just like the antifreeze in your car, they lower the freezing point and protect plants at colder temperatures."

Adair to be dean in Texas

Dr. Kent T. Adair, professor of forestry and chairman of the Faculty Council will become dean of the School of Forestry at Steven F. Austin University, Nacogdoches, Texas, in June.

home economics

Yesterday's lacy undies are height of summer fashion

What demure young ladies wore under the high-necked, long-sleeved dresses in 1870 to what constituted the flapper's teddy were revealed in an exhibit titled M'Lady's Undercover Story, 1870-1930 in the Stanley Hall Gallery during February. The show included corsets, camisoles, petticoats, hoops, nightgowns, bed jackets and lacy

drawers. There also was a case of "figure improvers" that included bustle pads and homemade bust pads—the forerunners of the padded bra. The "teddy," used after World War I, was a kind of T-shirt that buttoned at the crotch and served as chemise and panties. Its shape was the shape of the era—straight up and down. The undies are part of the costume collection, donated by friends and alumni. Joy Oldham, instructor of clothing and textiles, notes that some of this summer's dresses will look much like the intimate apparel of yesteryear.

New summer classes feature women as decision-maker, lecturers on c&fd trends

Woman, The Decision Maker, taught by Dr. Marilyn Blossom, chairman of child and family development, is a new topics course to be offered in the first four-week segment of summer school.

Both men and women will address the class and talk about critical decisions in their lives. Discussions will explore decisions that women can make, historical restraints on women's decisions, how to make life decisions and what information one should have to make the best decisions. One text for the class will be Gail Sheehy's book "Passages: Predictable Crises of Adult Life."

Recent Trends in Child and Family Development, also taught by Blossom, will feature visiting professors. Sam Keen, consulting editor of Psychology Today magazine, will participate in both classes. Other lecturers will be announced later.

College presents awards during spring weekend



Lowe



Langfords



Beresford



Norton

During Alumni and Friends Weekend, March 25-26 in Columbia, several awards will be made. Dr. Phyllis Kinnison Lowe, BS Ed '41, M Ed '50, will receive the Citation of Merit. She is chairman of Home Economics Education at Purdue University, Lafayette, Ind. She has taught in six communities in Missouri. She is especially interested in career ladders and exploring careers for home economics students. Vera and Wilbur, BS EE '13, Langford will become Honorary Alumni. The Langfords' long-time interest in home economics has resulted in the Langford Loan Fund, which has benefited many needy home

C&fd graduates tell about jobs

The Campus Career Planning and Placement Center has surveyed CFD graduates of 1971 and 1975 about their jobs. After graduation, a majority (67 percent) took their first jobs in the CFD field. Of the '71 grads, only 43 percent are still in CFD; 10 percent are working outside their field and 47 percent are not working in a paid position. Of those not working, 40 percent are raising children. The '71 grads began their careers at an average salary of \$6,500; for '75 grads, salaries had risen to \$8,000. Seeking additional education were 66 percent of the '71 class and 39 percent of the '75 class. Participating in professional activities were 76 percent of the '75 grads and 87 percent of the '71 grads. Of the people responding to the survey, 85 percent were willing to share their experiences with current CFD students.

How to be a houseparent is topic of June seminar

A National Home Director's Seminar will be held June 19-24 on Campus. Designed to equip people to serve as houseparents in fraternities and sororities, the seminar will cover nutrition, meal planning, management and supervision of staff, security, sanitation, first aid, fire safety, planning for special events, alcohol and drug abuse, hiring staff and household hints. For more information write Duane McDonald, 351 Hearn Building, UMC, Columbia, Mo. 65201. The seminar is sponsored by the College of Home Economics.

economics students over the years. Sister Cecile Beresford will become an Honorary Alumnae. She is associate professor of home economics at Fontbonne College in St. Louis. She currently is president-elect of the Missouri Home Economics Association. For the first time this year, two Junior Citation of Merit awards are being given: one to Cathy Allen, BS HE '68, chairman of the business administration department of Mount Vernon College in Washington, D.C. She is working on her PhD at George Washington University. The second winner is Charnette Norton, BS HE '63, MS '76, who is Director of Dietary Services, Bethany Medical Center, Kansas City.

journalism

Largest graduating class finds jobs; market good for Mizou

Last year, 86 percent of J-School graduates looking for journalism jobs found them.

"There has been a lot of talk about the oversupply of journalism school graduates," Dean Roy Fisher said. "If this exists, it is not apparent here at Missouri."

The success in finding jobs was noteworthy in light of the number of graduates. J-School graduated the largest class of baccalaureate, master's and doctoral degree recipients ever--514.

The success of our placement program is a record I think the University, the faculty, alumni and students can be proud of," Robert Haverfield, placement director and professor, said. "We have an excellent faculty and a professional program that emphasizes the practical-academic skills employers want."

Average starting salaries, in general, continued to improve. The best-paying entrance level positions, once again, were in advertising. Broadcast advertising entrance salaries surpassed \$325 a week.

An added placement caveat, Haverfield noted, was a dramatic increase in the number of positions listed by its alumni placement. With 1,291 listings for 1975-76, interested employer inquiries more than doubled the number of the previous year. In turn, the placement office made more than 3,000 referrals for 382 positions!

Ninety alumni were placed, compared to 40 the year earlier. In 832 cases the placement office was unable to assist the inquiring agency because alumni seeking positions had qualifications other than those sought by the inquiring agency.

Broadcasters most frequently requested alumni placement services (345). Second in frequency were schools and colleges looking for journalism teachers (324), followed by small daily newspapers (247), business and industry--usually advertising and internal publications--(112), and weekly newspapers (100).

Edom to receive honor medal; awards banquet ends J-Week

The School of Journalism will honor five men in the field of journalism, a newspaper, a magazine and television sports April 15. Medals of honor will be presented during the annual Journalism Week Banquet. Journalism Week opens April 12 and concludes with the banquet April 15.

Peter Lisagor, long-time reporter, Washington Bureau Chief and columnist for the Chicago Daily News, died Dec. 10, 1976, before he could be told of this additional honor. The award will be presented posthumously and will be accepted for his family by John Fischetti, Daily News cartoonist.

Oscar Stauffer, chairman of the board of Stauffer Publications; Jerrill Shepherd, president and general manager of KWIX and KRES; Walter Armbruster, senior vice-president of D'Arcy-McManus & Masius; Cliff Edom, professor emeritus of the School of Journalism, will receive medals.

Newsday will receive the newspaper award this year, Newsweek is honored as the magazine and ABC Sports for television.

Stauffer of Topeka, Kan., heads a publication and broadcast enterprise with newspapers in Kansas, Colorado, Missouri, Nebraska, South Dakota, Michigan and Oklahoma. Broadcast stations are in Kansas, Iowa, Oklahoma and Texas.

Shepherd, a past-president of the Missouri Broadcaster's Association, is recognized nationwide for his success in the operation and management of small market radio stations. His AM and FM stations are located in Moberly, Mo.

Armbruster was recently promoted to executive vice-president and corporate director of creative planning for DM&M. He has been a creative institution in the agency's St. Louis office for 36 years and developed the company's creative philosophy known as "Belief Dynamics."

Professor Edom joined the staff of the School of Journalism in 1943 and was almost entirely responsible for the growth of photojournalism at the school during his 30 years of association with the University before his retirement in 1972.

Professor seeks anecdotes, information for history book for school's 75th birthday

Dr. William H. Taft, professor of journalism, is collecting information for a history of the J-School. He plans that the book will be released as part of the celebration of the school's 75th anniversary in 1983. He asks alumni to send to him any anecdotes, reminiscences or information that they would like to see in the book. Mail information to Taft, 114 W. Williams, UMC, Columbia, Mo. 65201.

law

Law Day to be April 23, dinner to honor Law Review members

Law Day will be April 23 on Campus. The annual alumni dinner will be at 6:30 p. m., April 22 at the Hilton Inn. On Law Day, Phi Alpha Delta will host a breakfast at the Memorial Union; Law School alumni and the Law School Foundation will meet; the COIF initiation will be held and lunch will be served, weather permitting, on the Law School lawn. In the evening, the Edna Nelson Dinner honoring members of the Law Review will be held at Memorial Union.

library and information science

LIS receives praise from ALA

Emphasis on education of librarians in automation has brought commendation from the American Library Association (ALA) to the School of Library and Informational Science.

The school is the only institution in Missouri and in the Big Eight with a graduate library program accredited under new ALA standards.

The ALA Committee on Accreditation --in reports following its 1976 approval of the Mizou program--also commends the University's institutional support of the school. The committee lauds the library school for its administration, facilities and equipment, which includes

computer terminals and other information science provisions for teaching and application of library automation.

Dean Edward P. Miller notes that recommendations for improving the school's program include regular re-examination of goals and objectives and curriculum revisions as the field changes. The school is encouraged to continue discussions of joint programs with other academic disciplines, to strengthen its program of school librarianship and allow increased involvement of graduates and practitioners in Missouri and in the planning and development process.

The accreditation is to be re-evaluated in the spring of 1981. Annual reports to ALA will demonstrate progress in responding to current recommendations and improvements during the five-year interim.

"We can be justifiably proud of this graduate program," Chancellor Herbert W. Schooling says, "particularly in view of its approval by the local accrediting agency in the field of library science."

Dean Emeritus Parker to speak at annual spring alumni banquet

Library and Information Science alumni will hold their annual meeting and banquet at 6:30 p. m., May 7 at Memorial Union. Dean Emeritus Ralph Parker, Chancellor Herbert W. Schooling and University Interim President James Olson will speak in special observation of the 10th anniversary of the first graduating class in LIS.

medicine

George David Peak Memorial Burn Care Center is dedicated

Dedication ceremonies celebrated the opening in early February of the George David Peak Memorial Burn Care Center at the Medical Center. Construction of the center was made possible by a memorial gift from the Peak family and matching funds from University Development Fund unrestricted monies. George David Peak was one of the original members of the Emergency

Medical Services team at the Medical Center.

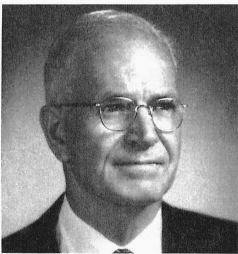
The seven-bed unit was designed to provide the best treatment for seriously burned patients. The Medical Center treats about 80 burn patients a year. The center will also serve as a research facility. The unit, with design features to dramatically reduce the possibility of infection—a major risk with burn patients—is "second only to the operating room" in its strict adherence to isolation, says head nurse Eleanor Curtis.

Opening of the center was delayed because of the difficulty of finding trained staff. The current staff of nine is working 12-hour shifts. Other staff members will be added as soon as possible.

Dr. Boyd Terry, director of the unit, says the Medical Center's "burn team" consisting of plastic surgeons, psychiatrists, nutritionists, social workers, occupational therapists and other professionals will work with the patients.

"Benefits of centralizing the burn patients and personnel resources include better continuity of care and more efficient use of staff time, expertise, supplies and equipment," Terry says.

Baker to receive citation



Baker

Dr. James M. Baker, AB '31, BS Med '32, will receive the Alumni Citation of Merit in Medicine at the annual spring luncheon meeting at the Missouri State Medical Association, April 15 in St. Louis.

Baker, who received his medical degree from Washington University in St. Louis, began private practice in general surgery in 1938. He interrupted his practice to serve in the Army as a medical officer in World War II. He was awarded the Purple Heart and the Silver Star. He has been the physician for the Tiger football team since 1938, except during the war years and is active as a Columbia physician.

Dr. Harold H. Lurie of Springfield will become president of the Medical Alumni Organization, succeeding Dr. Max Heeb

of Sikeston. Other officers will be elected at the meeting.

In addition to the luncheon, alumni will have cocktails from 5 to 6:30 p. m., April 16 at the convention.

Other alumni get-togethers will be held at the American College of Physicians Meeting April 18-21 in Dallas and the American College of Obstetrics and Gynecology Meeting May 8-12 in Chicago.

Florida team physician to be chief of orthopaedic surgery

Dr. William Corwin Allen has been appointed professor and chief of orthopaedic surgery at the School of Medicine.

For the past 10 years Allen has been on the faculty at the University of Florida College of Medicine in Gainesville. A nationally recognized physician in sports medicine, he held a joint appointment there in orthopaedics and mechanical engineering.

Allen was graduated from the University of Chicago School of Medicine, interned at Philadelphia General Hospital and spent two years in residency training at Stanford University before being appointed chief resident in surgery at the University of Florida.

He has been athletic team physician at Florida since 1970 and is a member of the board of directors of the American Orthopaedic Society for Sports Medicine. During 1967-68 he was an NIH Fellow at Case-Western Reserve University's Institute of Technology Biomechanics Laboratory in Cleveland. Much of his research has dealt with ceramic prosthetic materials and biomechanic principles in treating injuries.

nursing

Visiting lecturers teach Physiological Processes I

Eleven visiting lecturers—all prominent female teachers of nursing from the universities of Virginia, North Carolina, Illinois, Connecticut, and Minnesota and from Brigham Young, Arizona State, Emory University, the University of Rochester and Purdue—are presenting their specialties in nursing in

physiological Processes I this semester.

Their lectures are being videotaped so that they can be used in the future. The project is funded by a grant from the Campus for development of research materials in graduate level nursing courses.

The course includes the lectures, seminar discussions, team and individual conferences and clinical nursing rounds. Other faculty members and graduate students may meet the guests at coffees.

England to receive citation



England

Nursing alumni will meet April 16 in Columbia for a morning workshop and luncheon. The workshop will concern the nurse practitioner movement and how the School of Nursing will be adding nurse practitioner preparation to its present master's program.

Doris England, BS Nur '60, will receive the Citation of Merit at the luncheon. England, who is director of patient care at St. Louis Children's Hospital, has a master's degree from Washington University. She is president of the Missouri Nurses Association and president-elect of the nationwide Alumni Association of the University of Missouri-Columbia.

New teachers join faculty

Five new professors have been added to the nursing faculty.

Dr. Catherine Norris, who has served as a consultant to nursing teaching programs at 39 institutions over the past five years, is working with the psychiatric nursing program. She is co-founder, secretary and a member of the board of directors for Nursing Publications, Inc., publishers of Nursing Forum and Perspectives in Psychiatric Care. She has published

many articles on the teaching of nursing and issues in professional nursing.

Geann Hagan, who is completing her doctorate through the International Graduate University's European Campus at Leysin and Lugano, Switzerland, in psychotherapy, has also joined the faculty. She formerly taught at Alaska Methodist University at Anchorage and the University of Arizona. She began her career as a practical nurse, worked for an associate degree and then took a BS and MS at the University of Michigan. Her primary interest is alcoholism. She is teaching psychiatric nursing.

Dr. Audrey Kalafatic is teaching pediatric nursing. A graduate of St. Louis University and Boston University, she spent several years at the University of Pittsburgh before receiving her doctorate from the University of Sarasota (Florida). She is author of several textbooks: "Pediatric Nursing," "Maternal and Child Health," and "Approaches to the Care of Adolescents."

Frances Crawford, BS Nur '52, has returned to Campus to teach maternal/child nursing while working on her master's degree. A certified nurse midwife, she is a member of the Southern Baptist Foreign Mission Board and has served in Missouri, Kentucky, Nigeria, New York and Honduras.

Dr. Elizabeth Geden, assistant professor, is teaching psychiatric nursing and working on curriculum development. Her PhD and MA in nursing are from New York University.

Nursing to accept students at sophomore level only; 'fairer policy,' says dean

The School of Nursing will begin accepting entering students at the sophomore rather than the freshman level beginning in 1978.

"We believe it will be fairer to our entering students as an admission policy," Dean Gladys Courtney explained. "Currently we are accepting about 80 percent of our entering students upon application made during the high school years. Some students change their minds about courses of study they wish to pursue after they have spent some time on the Campus. However, they are discouraged from exploring other areas since they would have difficulty finding an opening to re-enter nursing."

Required studies in chemistry, English, psychology, biology, political science, and history, as well as electives in literature and humanities will precede enrollment as nursing students. Specific requirements will be made available to educational institutions and prospective students.

Mizzou currently admits 80 students from high schools each year and selects 20 transfers and registered nurses to bring the entering nursing class to 100. Therefore, anyone having one or more

years of college education will have less opportunity of being accepted, since most positions will have been filled.

The school has a new building under construction, with completion expected in 18 months to two years. At that time, if funds are available for employing adequate numbers of faculty, the entering class could total 200.

Currently, enrollment is limited to approximately 20 percent of the students who apply, chiefly because of capacity of physical facilities and lack of faculty. As a result, the school does not have a recruitment program.

Training activities of the school are located in 16 Missouri counties and the Medical Center where student nurses gain experience in the teaching hospital and Rusk Rehabilitation Center, the Mid-Missouri Mental Health Center, and the Veterans Administration hospital. In addition, some facilities of Boone County Hospital and the Columbia Health Department are used in instructional programs.

It is expected that a more extensive counseling program will become necessary for freshmen interested in entering the School of Nursing. Administrators of other Campus schools and colleges, in collaboration with the School of Nursing, will be dealing with freshmen and advising them on courses of study.

public and community services

Denny, Bangkok alumni reunite

Dr. Hugh Denney returned in mid-January from a four-month period of consulting for the government of Indonesia on the Island of Sulawesi. On the way over, Denney stopped off in Bangkok, Thailand, for a reunion with 20 former students and alumni of the department of regional and community affairs.

The alumni gathered at Bangkok were: Jusakdi Japhanond, Yongyuth Taooporn, Pomprasarn Isarabakkdi, Vanchai Homvisetvongsa, Pakorn Satyavanija, Taveesak Chunyawongsak, Visitha Pundit, Panyaratana Panthog, Padung Trakulidist, Yan Hutacharern, Samer Jantarapoot, Anan Buranasomphob, Siri Tempamatya, Naporn (Preecha)

Koomgase, Tawee Srikrankran, Auchara Prasertpakdi, Pornrapee Sinhaseni, Ari Wongsearayana, Suvit Ratanarat, and Thavatchai Kumlangangam.

Faculty contribute to book for professionals on leisure

Four r&ca faculty members were involved in writing a new book, "Leisure Counseling: An Aspect of Leisure Education." Editors are Arlin Epperson, associate professor, and Gerald Hitzhusen, instructor. Contributing were Karen Nixon Jenison, instructor, and Dean Zoerink, research associate.

The book is designed to aid an array of counselors, the rapists and park and recreation personnel working in both institutional and community settings who want to help their clients use their free time more productively. The book is published by Charles C. Thomas, Springfield, Ill.

New master's concentrations planned for r&ca students

The department of regional and community affairs is in the process of developing areas of concentration in its master's degree program in international development, youth programs, aging programs, community planning, and public administration. These areas of specialization will provide master's degree students with additional skills they can take into the job market and will help them relate community development concepts and practice to fields where those concepts are in demand and needed. Several other degree programs are also including core courses in community development as an area of specialization.

Annual student cd seminar to emphasize working with poor for better economic conditions

The department of regional and community affairs will conduct its 13th annual Community Development Seminar for International and domestic students May 15 to June 11 in Columbia.

The seminar will emphasize principles and methods for obtaining the participation of poor people in the development activities aimed at a more equitable distribution of economic benefits in less developed countries. The role of women in the development process also will be discussed.

The seminars began as a student program, but now are considered an opportunity for government and private agency workers to increase their understanding of significant features relating to the establishment of local programs of development through citizen participation.

Taking a close and frank look at the barriers and bottlenecks to the improvements of economic conditions of the rural and urban poor in the countries of the participants the seminar also

will study past and present efforts at socio-economic development.

A work-study session in Columbia, including local development project observations and experiences in rural and urban areas, will be followed by observations of developmental activities elsewhere in Missouri and nearby states, emphasizing rural development.

For more information, contact the department of regional and community affairs, 726 Clark Hall, UMC, Columbia, Mo. 65201.

veterinary medicine

Veterinary Medicine Complex dedication to be March 31

Dedication ceremonies will be 11 a. m., March 31 for two new buildings for the College of Veterinary Medicine. Dean Kenneth D. Weide will coordinate the ceremonies featuring speeches by Missouri's former Governor, Christopher Bond, and Dr. Harry Gorman, president of the American Veterinary Medical Association. Other featured speakers will include Dr. E. A. Corley, associate dean of the College, James Bollot, representing the livestock industry, and Dr. William F. Bryson, president of the Missouri Veterinary Medical Association.

The two new buildings are a diagnostic laboratory and a general classroom-laboratory-office building adjacent to the College's teaching hospital. The new facilities mean 58,571 more square feet of much-needed space and cost \$6.5 million dollars, all provided by state and University funding. These two buildings are essentially a 'catch-up' to accommodate an enrollment of 72 new students each year and to provide space for the complex laboratory requirements that are anticipated in the near future. No increase in enrollment nor expansion of the College's faculty is planned.

The facilities will be presented to the University by Rex Z. Williams, vice president of the Board of Curators, and Dr. James Olson, University Interim president, will accept the facilities.

An Open House will begin at 6 p. m. in the new Veterinary Medical Building. The public is invited.

Investigation turns up 'no administrative improprieties,' but finds faculty morale low

An investigation of the College of Veterinary Medicine found no support for faculty and student charges of administrative improprieties, Chancellor Herbert Schooling told the College's faculty in January.

On the other hand, much evidence was found of low faculty morale, a lack of "esprit de corps" and factionalism caused by "ineffective relationships between the administration and segments of the faculty," Schooling said.

The College was investigated this fall by a three-member committee appointed by Schooling at the request of the veterinary medicine faculty.

The request was prompted by a similar request made last summer by the Campus Faculty Council executive committee.

College modifies curriculum; pre-clinical coursework split into 10 instructional periods with transition to clinic

The curriculum of the College of Veterinary Medicine is being modified to better prepare students for their two years of clinical study. The course load for first and second year students is being divided into eight-week-long instructional periods, designed after the 'block' system used by third and fourth year students.

There will be 10 instructional periods the students will have to take during their first two years at the College. The tenth instructional period will be devoted to didactic material oriented specifically to clinical work so that these students can better make the transition from the classroom to the clinic, and so that background material will not have to be needlessly repeated from one block to the next in the clinic program.

Morehouse receives top award for work in diagnostic medicine

Dr. Lawrence G. Morehouse, director of the veterinary medical diagnostic laboratory, has been given the highest award in the field of veterinary diagnostic medicine, the E. P. Pope Memorial Award.

The award was presented to Morehouse in recognition of the fact that the Committee on Accreditation of Veterinary Diagnostic Medical Laboratories has received national recognition under his leadership.

Sister establishes scholarship

A veterinary medicine scholarship named for Frank Wells, former state representative from Warrensburg, has been established at the University through a bequest of his sister, Nellie F. Wells. Income from the \$50,000 gift will be used to fund the scholarship.

News About People

class notes

What's new with you? New job? Promotion or transfer? Retirement? Special honor of some sort? Help Missouri Alumnus keep your friends informed. Send us a Class Note and let your classmates know what you're doing these days. Mail to: Classnotes Editor, Missouri Alumnus, 602 Clark Hall, Columbia, Missouri, 65201.

'26

BOWER ALY, AM, was honored by a resolution adopted by the Ohio Senate in June 1976 for his "noteworthy contributions to the study of rhetoric." Aly served as distinguished visiting professor of speech at Kent State University in 1975-76 and then lectured on the campuses of Ohio University, Ohio State University and Miami University.

'31

RALPH W. PHILLIPS, AM, PhD '34, director of international organization affairs for the U.S. Department of Agriculture, received three awards during 1976: a medal from the Italian Society for the Promotion of Animal Production and the Italian National Academy of Agriculture; an honorary membership in the American Home Economics Association; and a medal presented in Rome, Italy, in recognition of 30 years' service to the Food and Agriculture Organization.

BETTY HUEY Saunders, BJ, a part-time writer in Oswego, N.Y., has

been honored by inclusion in recent editions of Marquis' Who's Who of Women and Who's Who in the East. She was collaborator-editor-agent for the book, Alaska; Memoir of a Vanishing Frontier, published in 1975. A chapter from the book was used as lead article in Sports Afield Hunting Annual '76.

DAVID E. MUSGRAVE, AB, BS Med '33, a physician in Excelsior Springs, Mo., for the past 41 years, recently retired from practice at age 68. He was honored with a farewell party by members of the local hospital board and staff.

'33

ANNA J. HARRISON, AB, BS Ed '35, AM '37, PhD '40, professor of chemistry at Mount Holyoke College, South Hadley, Mass., has been chosen president-elect of the American Chemical Society for 1977. She will be the society's first woman president.

MARGARET GOODSON Cormany, BJ, has been presented the Stratton Award of the Iowa High School Press Association for her "unselfish service to publication activities and journalism students." She is a journalism teacher at Bettendorf High School.

KERMIT D. SMALL, BJ, retired in January after 25 years as an advertising account executive with the regional office of Batten, Barton, Durstine & Osborn, Inc. in Chicago. Prior to joining the company, he had served on the staffs of newspapers in Omaha and as assistant city editor for the Chicago Sun from 1941 until 1952.

'34

HAROLD N. WARSAWER, AB, of New York City, has been elected president of the New York Metropolitan Chapter of the American Institute of Real Estate Appraisers. He is a real estate appraiser and consultant heading his own firm, the Harold N. Warsawer Company.

'36

CORDELL TINDALL, BS Agr, of Fayette, Mo., was honored at a dinner given by the faculty of the College of Agriculture in February. More than 150 persons attended the event at Columbia's Flaming Pit. Last summer, Tindall retired as editor of the Missouri Ruralist magazine, a post he had held since the late 1930's. He presently serves as vice president of Harvest Publishing Co.

WILLIAM L. LINDHOLM, AB, is retiring as president, chief operating officer, and director for The American Telephone and Telegraph Company, after 41 years with the Bell System. He will make his retirement home in Austin, Tex.

JOSEPH F. JONES, BS ME, has been elected chairman of the board and chief executive officer for Central Soya Company, Inc., an international agribusiness and food processing company headquartered in Fort Wayne, Ind. He joined Central Soya in 1960 and had been chief executive officer since 1975.

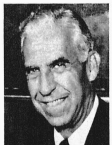
T A DUCKWORTH, LLB, president of Employers Insurance of Wausau,



Harrison '33



Small '33



Jones '36



Warren '38

Wis., has been elected to the board of curators of Central Methodist College in Fayette, Mo.

'38

VINCIL WARREN, BS Agr, vocational agriculture teacher at Lamar, Mo., and past president of the Missouri Vocational Agriculture Teachers Association, recently was presented a certificate of appreciation from the National Vocational Teachers Association. The certificate is given for excellence in conducting the business of the state association.

Pat HAZEL STEELE Burney, AB, a volunteer worker for the Phoenix Art Museum, presently is involved with the formation of a satellite of the museum in Sun City, where she lives.

'39

JAMES C. FULKERSON, BS Agr, senior vice president with The Federal Land Bank of St. Louis, retired in December after more than 37 years of service with the Land Bank system.

CHRIS G. SCHMITT, PhD, retired in December as a plant pathologist for the U.S. Department of Agriculture, Agricultural Research Service, Plant Disease Research Laboratory in Frederick, Md., where he had worked since 1971. His earlier career included positions in plant research with the Department of the Army, Boyce Thompson Institute for Plant Research in Yonkers, N.Y., and as a teacher.

SMLEY C. HERRIN, BS Ed, retired recently after a 38-year career with the Columbia Post Office. Herrin, age 60, had been postmaster since 1968.

'40

D. V. BENSON, BS Agr, MS '51, recently retired from his partnership in the Howard County Veterinary Service in Fayette, Mo., after 24 years in the practice of veterinary medicine. He plans to remain active in work related to the general field of agriculture.

K. C. FROMAN, BS Agr, owner of Gallatin Propane Gas in Gallatin, Mo., has been elected to the board of directors of the Bank of Gallatin.

ROBERT L. BALFOUR, BJ, has joined Bogue Electric Manufacturing Company of Paterson, N.J., as vice president, marketing and sales, in the electric vehicle division. He operates a national sales office from Augusta, Ga., for Bogue electric golf cars and automobiles.

WILLIAM H. KIMBERLIN, Law, recently retired after 24 years as circuit judge in St. Joseph, Mo. Prior to being appointed circuit judge, he served as magistrate judge five years, several months as police judge, and as an assistant in the prosecuting attorney's office.

'41

J. BERNARD MITCHELL, M Ed, of Stockton, Mo., has been elected to his third term in the Missouri General Assembly for the 134th District, following 47 years of work in education, including rural school teacher, elementary and high school principal, county superintendent and city superintendent of schools in Missouri.

ROBERT BROEG, BJ, sports editor for the St. Louis Post-Dispatch since 1958, recently was promoted to the additional position of assistant to the publisher. He represents the Post-Dispatch in a variety of community activities, as well as continuing to write his sports column.

'42

WILLIAM E. McDANIEL, BS Agr, will retire June 30 as dean of the college of agricultural sciences at the University of Delaware, Newark. He had been a member of the university's faculty since 1951, and was appointed as dean and as director of the Delaware Agricultural Experiment Station in 1965.

HARRY E. MACK, Arts, a Kirkwood, Mo., dentist, recently was named a fellow in the Academy of General Dentistry.

ALBERT M. SPRADLING JR., LLB, former Missouri state senator from Cape Girardeau, Mo., has been chosen an honorary member of the Missouri Hospital Association in recognition of his concern for the state's health care problems. He had served on the Public

Health Committee and chaired the Select Committee on Malpractice.

'43

ROBERT L. HELLER, AM, PhD '50, has been appointed provost of the University of Minnesota, Duluth. He joined the university staff in 1950 and had been acting provost since May 1976.

SEYMOUR TOPPING, BJ, formerly deputy managing editor for New York Times newspaper, has been promoted to managing editor and serves as deputy to the executive editor.

'45

HELEN LESTER Plants, BS CE, professor of mechanical engineering and mechanics at West Virginia University, has become the first woman to be appointed to the Academic Advisory Board of the U.S. Naval Academy in Annapolis, Md.

'46

ROBERT W. CHICK, BS BA, M Ed '50, dean of students at Oregon State University since 1962, has been named the school's first vice president for student services. The title change recognizes the importance of his role at the university, though his duties remain the same.

WARREN WELLIVER, AB, LLB '48, of Hartsburg, Mo., newly elected Missouri state senator, has been named a member of the Senate Appropriations Committee.

'47

FRED E. FARR, BJ, is now vice president, sales promotion and advertising, for Southwestern Drug Corporation of Dallas, Tex. He has been with the company for 20 years.

RANDALL L. MITCHELL, BJ, has been chosen South Pacific district chairman of the Public Relations Society of America. He is president of Mitchell & Associates, Oceanside, Calif.

WELDON (Pete) STEINER, BJ, recently was elected to the board of directors of the Vandalia (Mo.) State Bank. He is publisher of The Vandalia



Plants '45



Riley '46



Mosher '49



Lillard '52



Isely '53



Starke '55

Don Mozley wins radio prize

'48

ROBERT A. BURNETT, AB, of Des Moines, has been named president and chief executive officer of the Meredith Corporation. He had been president and chief operating officer since 1973. Meredith publishes magazines, books and newspapers, and owns and operates radio and television stations and printing plants throughout the U.S.

JANIE LOU RUSSELL Uhler, BS Ed, has been elected to the board of directors of the Citizens Bank in Warrensburg, Mo.

GLEN W. WHITNEY, M Ed, retired in January after 20 years of service with Mattingly Stores, Inc., headquartered in Lexington, Mo. He had been personnel director for Mattingly's for the past 17 years. Earlier in his career, Whitney was an educator in Missouri schools for 21 years.

FRANKLIN S. RILEY, BJ, president of Riley Communications Services, a public relations firm in Burlingame, Calif., has been elected president for 1977 of the Peninsula Chapter of the Public Relations Society of America.

Former Missouri State Senator WILLIAM J. CASON, BS BA, LLB '51, of Clinton, Mo., recently was selected an honorary member of the Missouri Hospital Association. He sponsored many pieces of health field legislation during his 16 years in the Senate and had served as chairman of the Public Health Committee.

'49

DONALD HEATON, BS Agr, M Ed '56, vocational agriculture teacher at Jasper (Mo.) R-5 High School for the past 14 years, has been selected as Missouri's Teacher of the Year for 1977. He previously had taught for 14 years at Stark City, Mo.

ELMO INGENTHON, BS Agr, of Kirbyville, Mo., has been presented the first Ozark Heritage Award in recognition of his "dedication to preservation of our Ozark inheritance."



When Don Mozley (center), BJ '42, received the 1976 Uniroyal Highway Safety Journalism Award for his program series "California Driver" on KCBS in San Francisco, he received a plaque and a \$1,000 scholarship for a school of his choice. Mozley decided to give the money to the School of Journalism. David Halverson (left), BJ '61, managing editor of the San Francisco Examiner, accepted the check from Glen Litchfield of Uniroyal at a luncheon decorated with Mizzou paraphernalia.

Ingenthon, a former teacher and superintendent in Taney County, Mo., schools, has published two volumes for a series of books on Ozark history.

ARTHUR H. BITTER, AB, an attorney from Edina, Mo., has been appointed as probate judge and ex-officio magistrate for Knox County, Missouri.

AL T. HANCOCK, BS BA, president of Hoover Bros., Inc. of Kansas City, has been elected president of the National School Supply and Equipment Association.

CLYDE HOSTETTER, BJ, currently is on an extended leave from California Polytechnic State University to work in Riyadh, Saudi Arabia, in a program of the Joint Economic Commission of the U.S. and Saudi Arabia to upgrade manpower training and development in that country through the use of multimedia instructional techniques. He is coordinator of the instructional materials development center.

SOL MOSHER, BJ, is now director of federal affairs and head of the Washington, D.C. office of Crown Zellerbach, manufacturers of forest products. He had been assistant secretary for legislative affairs for the U.S. Department of Housing and Urban Development since 1973.

'50

DAN ROBERTSON, Agr, who farms near Marshall, Mo., recently was

presented a 1977 Farmer-Sportsman award by the Kansas City Sports Show. The award is presented annually to landowners who best demonstrate a practiced concern for wildlife.

EUGENE F. TRUMBLE, AB, BJ, president of Trumble and Associates, Inc., a Minneapolis public relations agency, has been appointed vice chairman of the National Small Business Administration Advisory Council.

ROBERT DEVOY, AB, LLB '55, a Brookfield, Mo., attorney, has been appointed chairman of the steering committee which directs the Pershing Memorial Museum Development campaign. He has served as secretary of the Pershing Park Memorial Association since its incorporation as a non-profit organization in 1965.

'51

DENNIE P. WISE JR., BS Agr, senior partner for Wise and McIntire Real Estate Co. in Boulder, Colo., has been elected to the board of directors of the United Bank of Boulder.

T. J. VOGELWEID, DVM, is the new vice president of the Missouri Veterinary Medical Association. He has had a mixed veterinary practice in Moberly, Mo., since 1952.

'52

DAVID H. LILLARD, BS CE, a partner in the Kansas City firm of Black & Veatch, Consulting Engineers, served



Melchert '56



Rogers '57

as the guest speaker at a special recognition convocation for the December graduates of the University's College of Engineering.

WALTER T. (Bud) PROCTOR, BJ, AM '59, has progressed through weekly newspaper work, regional magazines and public relations to editor of Motel/Motor Inn Journal, the national magazine of motel management, in Temple, Tex.

'53

W. DALE KLOBE, BS Agr, MS '54, is now an agronomy specialist for the University's Bootheel extension area. He is stationed at New Madrid. He formerly was employed by the University of Tennessee at Knoxville.

CHARLES ISELY III, AB, president of the Waukegan/Lake County Chamber of Commerce in Waukegan, Ill., recently was presented the Silver Beaver Award for "distinguished service to youth" by the Northeast Illinois Council, Boy Scouts of America.

JAMES RICHARD REINHARD, AB, LLB '53, of Hannibal, Mo., has been appointed to the Missouri Court of Appeals in the St. Louis District. He formerly had served four years as circuit court judge for Missouri's 10th Judicial Circuit.

WILLIAM F. BRYSON, BS Agr, DVM, of Fredericktown, Mo., has been elected president of the Missouri Veterinary Medical Association.

'54

EARL R. FINLEY, BS Ed, M Ed '56, EdD '76, assistant superintendent of schools at Sedalia, Mo., since 1974, has been named superintendent of schools for the Knob Noster (Mo.) School District effective in July.

ROBERT J. McCLOUD, BS CE, recently was named a partner in Black & Veatch, an international firm of consulting engineers headquartered in Kansas City.

F. BRYAN CLARK, MS, has been appointed to a two-year term as chairman of the forest sciences board of the Society of American Foresters. Clark, who joined the U. S. Forest Service in 1949, currently serves as director of the Northeastern Forest Experiment Station in Upper Darby, Pa.

RICHARD P. MOORE, AB, LLB '56, a lawyer in Clayton, Mo., has been selected as administrative director for the St. Louis County Council. He has been in general practice of law since 1956 and has held a variety of political posts.

'55

ROYAL O. COOPER, BS PA, of Jefferson City, is the new executive

secretary of the Missouri State Medical Association. He joined the association in 1969, and had served as assistant executive secretary since 1972.

EVERETT O. (Tod) STOKES, BS BA, is now brokerage manager in the Dallas, Tex., branch office of Occidental Life of California. He formerly was manager in the company's Fort Worth branch.

JAMES L. LEE JR., BS Ed, has been promoted to colonel in the U. S. Air Force and awarded the Meritorious Service Medal. He is now deputy commandant for training and development at the Defense Information School, Fort Benjamin Harrison, Indianapolis.

CLINTON J. STARKE, BS ChE, has been appointed as president of Fairfield American Corporation, a new corporation headquartered in Middleport, N.Y. Fairfield American produces insecticide products and chemical components for the production of household and industrial insecticides. Starke formerly was on the staff of the agricultural chemical division of FMC Corporation in Middleport.

ROBERT A. NEWMAN, AB, BJ '56, is now assistant administrator in charge of public affairs for the National Aeronautics and Space Administration in Washington, D. C.

ROBERT W. BUBEN, BS Med, MD '57, chief of surgery at St. Elizabeth's Hospital in Hannibal, Mo., since 1971, recently was elected president of the hospital's medical staff.

'56

JAMES J. ELLIS, BS BA, manager of the Dallas office of MONY since April 1976, has been named a general manager with the company. Ellis, who joined MONY in 1960, becomes only the 13th manager to be awarded that title.

BRUCE B. MELCHERT, Arts, recently was appointed deputy mayor for the City of Indianapolis. He formerly served as chief of staff to Mayor William H. Hudnut III and managed Hudnut's mayoral campaign in 1975.

HAROLD H. (Hank) BURNINE, BS Ed, formerly assistant hospital director at the Fayetteville, N. C., VA hospital, has been promoted to assistant hospital director for the Leavenworth, Kan., VA Center.

DAN R. BISHOP, BJ, director of public relations for Monsanto Industrial Chemicals Company in St. Louis for the past two years, has been appointed to the new position of director of advertising and public relations for the company. He joined Monsanto in 1966.

RONALD G. WADE, BS Agr, DVM '59, of St. Joseph, Mo., recently was presented the Veterinarian of the Year award by the Missouri Veterinary Medical Association.

'57

GALE BYBEE, Arts, has been appointed to the board of directors of Citizens Savings Association in Mexico, Mo. He is president and treasurer of Central Missouri Livestock Auction Inc.

JAMES F. ROGERS, AB, has been named senior vice president of American Security Bank in Washington, D. C. He is responsible for corporate and legal affairs, public relations and corporate marketing. He joined American Security in 1959.

HARRY H. GAUTSCHE, BS BA, formerly manager of the Mid-Centroid district for the supply division of Owens-Corning Fiberglass Corporation in Toledo, Ohio, recently was appointed manager of the manufactured housing marketing division. He has held sales and marketing positions in Milwaukee, St. Louis, Miami, and Kansas City since joining the company in 1964.

'58

JOHN H. NOVAK, AM, currently is employed as accounting supervisor for Western Electric Co., Inc. in Phoenix, Ariz.

F. EUGENE WOOD, BS Ed, MS '62, an extension entomology specialist at the University of Maryland in College Park, recently received the Distinguished Achievement Award in Extension from the Eastern Branch of the Entomological Society of America. He joined the university in 1964.

CHARLES L. CHAPMAN, AB, MD '62, a specialist in internal medicine at Boone Clinic in Columbia, has opened a new medical clinic in Fayette, Mo. He continues his practice in Columbia.

CHARLES E. MARTIN, BS Agr, DVM, professor and chairman of the department of veterinary medicine and surgery in the College of Veterinary Medicine at Mizou, recently was chosen president-elect of the Missouri Veterinary Medical Association.

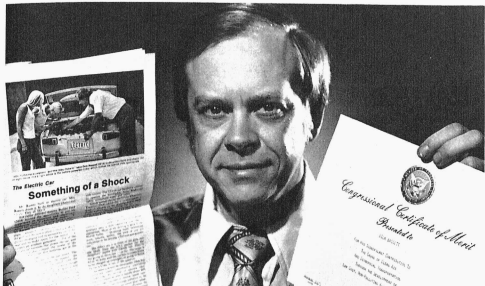
'59

JERRY D. CARPENTER, BS AgE, MS '76, formerly an agricultural engineer in the Mark Twain extension area, has been transferred to the Southwest Missouri extension area. He lives in Webb City.

LARRY S. MURPHY, BS Agr, MS '60, PhD '65, recently was named a fellow of two prestigious societies--the Soil Science Society of America and the American Society of Agronomy. Fellows are chosen for their professional achievements and meritorious service. Murphy is an agronomist at Kansas State University, Manhattan.

DON E. GORDON, BJ, assistant city editor for the Tulsa Tribune since 1973, has returned to The Southeast

Dick Bassett makes electric cars



After an article appeared in his company's newsletter about electric cars, **The Associated Press** picked up the story. Since then, Bassett has been deluged with letters, invitations to speak and phone calls. He also received a Congressional Certificate of Merit from his Congressman, Manuel Lujan.

"Electric cars are our only salvation for the future," believes Dick Bassett, BS ME '49.

In the last three years, Bassett, who is a member of the technical staff working on electron tube development with Sandia Laboratories in Albuquerque, a non-profit organization working for the Energy Research and Development Association (ERDA) on nuclear weapons, has converted two cars to electric power.

The first was a '63 Renault four-door sedan, which wore the license plate 'LECTRIC.' In it he used 10 batteries and a surplus F86 aircraft generator. Top speed was about 40 mph. The second car is a Chevie Vega. Its top speed is 60 mph. It uses 16 six volt batteries that give 20 horsepower.

Making electric cars is "more than a hobby" for Bassett, who had an article published in the April '76 issue of

Popular Science on his method of converting cars. He hopes eventually, if the price of motors comes down with new research and development efforts, to market a kit for do-it-yourselfers.

"The average family car is driven 28.3 miles a day," he says. "That kind of mileage makes an electric car feasible, since the batteries must be recharged about every 30 to 35 miles."

"If every family in the Los Angeles area had for its second car an electrically powered vehicle, the air pollution problem there would vanish overnight," he says. He also believes that we need to save gas and oil for industrial use and not use "these gas guzzlers" on our highways.

His is not the first electric car. But he can claim one first. . . his daughter Gayle is the first person, "as far as we can find out, to take her drivers' license test in an electric car," he says.

and has also been a senior assistant engineer, and engineer.

THOMAS K. MCGUIRE, LLB, a lawyer in private practice in Springfield, Mo., since 1964, recently was appointed as magistrate for Green County, Mo.

'61

GARY L. OELSEN, AM, is now assistant vice president for UMIC Inc., a securities firm based in Memphis, Tenn.

BRUCE CALLIS, BS BA, is now vice president of the personnel department at State Farm Mutual Automobile Insurance Company's home office in Bloomington, Ill. He joined State Farm in 1963 and most recently served as executive

assistant in the home office agency department.

LOYD W. WARREN, BS BA, senior lending officer and loan administrator for United American Bank in Memphis, Tenn., has been named senior vice president for the bank.

DALLAS F. ALBERS, M Ed, EdD '72, formerly assistant professor of educational administration at the College of Education at Mizzou, is now school superintendent at Louisiana, Mo.

JAMES L. LEMON, BS Agr, JD '71, MS '74, of New London, Mo., has been appointed as judge of the probate court and ex-officio magistrate for Ralls County. He has practiced law in Columbia and had served in the Missouri House of Representatives.

'62

RICHARD GARDINE, AB, has begun a general practice of medicine in Kirksville, Mo. His practice consists entirely of house calls in Kirksville and LaPlata. He formerly practiced in Lancaster, Mo.

A. Z. TOMERLIN, MS, has been named administrator of Missouri's Division of Health District No. 4, headquartered in Poplar Bluff. He had been administrative assistant of the district since 1969 and served as acting administrator since last August.

RUTH GIBSON Anderson, M Ed, EdD '74, has been chosen for listing in the 1976 edition of *The World Who's Who of Women*, a publication of the International Biographical Centre, Cambridge, England. She is associate professor of education at The School of the Ozarks at Point Lookout, Mo.

CHARLES G. KUEHNEL, BS ME, has been promoted to supervising engineer, power operation, for Union Electric Company in St. Louis. He has been with the company for 14 years.

ALBERT (Bud) WILLIAMS, BS EE, has joined the staff of Jamieson's Real Estate in Moberly, Mo., as a salesman. He formerly was employed by the U.S. government in Las Cruces, N.M. He worked with the NASA White Sands operation for 10 years.

L. THOMAS ELLISTON, BS Agr, JD '70, formerly assistant prosecuting attorney of Jasper County, Mo., recently was appointed prosecuting attorney. He is a partner in the Elliston and Webster law firm in Webb City, Mo.

DON ELROD, AB, JD '71, has been appointed judge of the probate court and ex-officio magistrate for Madison County, Mo. He is associated with the law firm of Limbaugh, Limbaugh and Russell in Cape Girardeau.

JOHN R. HOPKINS JR., Grad, JD '72, a partner in the law firm of Banta &

Missourian newspaper in Cape Girardeau as managing editor. He had been a Missourian staff member from 1961 until 1970, the final three years as city editor.

O. BRUCE DICKERSON, AB, MD '62, corporate medical director for Fairchild Camera and Instrument Corporation, has been named vice president for occupational medicine by the American College of Preventive Medicine. He lives in Los Altos Hills, Calif.

'60

JAMES F. LANE, BS CE, is now supervising engineer, building and structural design, for Union Electric Company of St. Louis. He joined the company in 1962 as an assistant engineer

Hopkins, Charleston, Mo., has been appointed city attorney for Charleston. He had served as assistant prosecuting attorney in 1973-74.

'63

DENZIL M. HUGHES, BS Agr, MS '67, recently was promoted to manager of the nutrition research department for Farmland Industries, Inc., Kansas City. He began his career with Farmland in 1967.

R. BRUCE McMILLAN, AM, is the new director of the Illinois State Museum Division, which includes the state museum in Springfield and Dickson Mounds museum at Lewistown. He joined the museum division in 1969 and most recently served as assistant museum director.

K. WAYNE FENTON, BS BA, an employee of Boone County Bank in Columbia since 1972, recently was named manager of the bank's consumer loan department.

EDNA CLARK Arnold, M Ed, elementary principal at the W. L. Johns school in Farmington, Mo., has been selected for inclusion in the 1976 volume of Outstanding Leaders in Elementary and Secondary Education. She has taught for nearly 30 years in St. Francois County and has been a member of the Farmington school staff since 1953.

JAMES W. RAULSTEN, M Ed, EdD '76, formerly with the University's Center for Educational Improvement, is now serving as superintendent of the Southern Reynolds County (Mo.) R-2 Schools. He lives in Ellington, Mo.

'64

PAUL GIBBS, BS Agr, BS BA '67, agriculture representative and loan officer for the Liberty Trust and Savings Bank of Durant, Iowa, for the past three years, has been selected secretary-fieldman for the Missouri Angus Association. He is a past assistant registrar for the American Angus Association.

ROBERT R. THOMPSON, BS Agr, has been elected president of the First State Bank of Rolla, Mo. He joined the bank in 1968 and had been executive vice president since 1974.

CARL G. HARRIS JR., AM, professor of music and director of choral activities at Virginia State College in Petersburg, is on leave this semester to serve as a consultant in music for the United States Department of the Army. His assignment includes Army bases in Germany, Italy, Greece, Turkey, Iran, and Belgium.

GEORGE H. TURNER, AB, has been promoted to staff vice president-regulatory proceedings for Continental Airlines of Los Angeles. Turner, who

Sidney Larson repairs murals



Columbia Daily Tribune Keith McKinn

A distinguished painter and muralist in his own right, Sidney Larson, AB '49, AM '50, has recently repaired the murals painted by Richard E. Miller in 1920 on the walls of the Missouri State Capitol Senate Chamber in Jefferson City. The murals, four of them, each 8 by 19 feet, have scenes from Missouri's history painted in oils on a linen canvas. The murals were cracked, and the canvas had air pockets behind it. Working on a scaffold 40 feet from the floor, Larson removed the dirt with chemicals, then tapping lightly with his fingertips, found the air pockets. He inserted a hypodermic needle filled with an adhesive into each pocket and pressed the canvas back to the wall. The murals were finally coated with a varnish

to protect the surface and to heighten the colors.

Larson had assisted Thomas Hart Benton on the Truman Library mural in Independence, Missouri, and Benton asked Larson to refurbish his murals in the capitol. So when the Miller murals needed working on, Larson got the job.

"I'm just an old romantic," Larson says, trying to play down his fondness for the stately, old building. "But I believe without qualification this is the handsomest state capitol building in the country," he says. "And I've been in most of them."

Larson is director of the art department at Columbia College and gallery curator of the State Historical Society of Missouri's art collection.

joined Continental in 1973, is now responsible for the development of route applications to the Civil Aeronautics Board and for the company's role in Board tariff investigations.

RONALD NUCKOLLS, BS BA, of St. Louis, has been promoted to industry manager, manufactured housing, for the Paslode Company, Skokie, Ill. He joined the company in 1969 and had been power equipment specialist since 1972.

GORDON R. (Ron) GARRETT, M Ed, E Ed '68, assistant professor for the Evening College Division, University of Missouri-St. Louis, is the new executive secretary for the St. Louis Medical Society.

'65

JERRY V. WOODHAM, BS Agr, manager of the funds development department in the investment division of the Bank of Virginia Company in Richmond, has been promoted from

assistant vice president to vice president at the bank.

JAMES E. COOLING, AB, is now a general partner in the new law firm, Sildon, Happy, House & Cooling in Kansas City. He had practiced with the Dietrich, Davis, Dicus, Rowlands & Schmitt law firm in Kansas City for the past five years. Cooling served as a Missouri delegate to the Democratic National Convention and attended the inauguration in January.

GENE BRECHLER, BS BA, has been promoted from senior underwriter to underwriting supervisor in the property underwriting division of MFA Insurance Co., Columbia. He joined the company in 1965.

RICHARD EATON, M Ed, has received a PhD with a major in counselor education from St. Louis University and is now employed as a counselor at Horton Watkins High School in Ladue, Mo., in St. Louis County.

JAMES H. MITCHELL, BS Ed, has achieved the rank of major in the U.S. Air Force. He is an aircraft commander at Upper Heyford RAF Station, England.

'66

J.K. (Kemp) RUFFNER, AB, has been appointed North Central regional sales manager for the Building Materials Group of Owens-Corning Fiberglas Corporation of Toledo, Ohio. His office is in Skokie, Ill. He had been St. Louis district manager for the company's building materials group since 1969.

DONALD H. BREMER, BS CE, has graduated from the T-38 Talon instructor pilot course at Randolph AFB, Tex., and is now assigned to Laughlin AFB, Tex.

F. TOWNE COMEE, BJ, has joined The Pitluk Group, San Antonio-based advertising, marketing, and public relations firm, as an account executive. He had been an account executive for Robert S. Block Advertising in Milwaukee.

WILLIAM J. HUX, BJ, of Tulsa, Okla., has been appointed manager of sales promotion for the weekly business magazine, Oil and Gas Journal. He formerly was an account executive for Ackerman, Inc., a Tulsa advertising and public relations firm.

KARL L. MADDEN JR., BS PA, JD '69, a Moberly, Mo., attorney, is the new commander of the Missouri National Guard's 1175th Military Police Company in Moberly. He also recently was elected president of the Randolph County Bar Association.

G. LANE ROBERTS JR., AB, JD '68, is now associated with the Guilfoil, Symington & Petzall law firm in St. Louis.

JIM MILLS, BS Agr, DVM '67, joined CHARLES G. HOOVER, AB '63, DVM '67, last July in his practice of veterinary medicine at Clear Creek Animal Hospital in Seabrook, Tex. Mills formerly had practiced in Clinton, Ark.

'67

DAVE HOLMAN, AB, photojournalist and associate editor on the staff of the Missouri Alumnus magazine since 1974, is now employed as a photographer in Riyadh, Saudi Arabia. He is part of an American team working in a program of the Joint Economic Commission of the U.S. and Saudi Arabia to upgrade manpower training and development in that country through the use of multimedia instructional techniques.

FRANCIS KUNKLER, AM, has been appointed as a personal secretary on a part-time basis to Greene County (Mo.) Associate Judge Earl Slavens. Kunkler, who also operates a clock and watch

repair business in Springfield, served as Slavens's campaign adviser in last year's election.

MARGARET A. LeMONE, AB, a scientist at the National Center for Atmospheric Research in Boulder, Colo., recently was elected a councillor of the American Meteorological Society.

JAMES P. ODENDAHL, MS, director of the water quality program in the division of environmental quality of the Missouri Department of Natural Resources, recently was appointed acting director of the division. He has been an industrial waste engineer with the state since 1969.

DAVID HENDIN, BS Ed, AM '70, is now deputy editorial director of the Newspaper Enterprise Association, New York City. He most recently served as special projects editor for NEA, which he joined in 1970.

GEORGE LEHNEN, BS BA, JD '69, a partner in the Richmond, Mo., law firm of Dale and Lehnen since 1971, recently left the firm and opened new law offices in Richmond.

'68

WILLIAM E. BRYANT, MS, PhD '70, has been appointed a field sales representative for Monsanto Agricultural Products Company for the company's Mankato, Minn., district. He joined Monsanto in June 1976.

ROBERT R. FINCK, BS Agr, is now on the staff of Pevely Dairy Company in St. Louis as quality control director. Before joining Pevely, he had been a food technologist with Allen Foods, Inc. in St. Louis, and assistant plant manager for Sealtest Dairy.

DANIEL A. DEBERT, Arts, has joined the staff of First National Bank at Camdenton, Mo., as lending officer in the loan department and as a vice president for the bank. He formerly was employed by North St. Louis Trust Co. for eight years.

F.H. (Rick) KRUSE JR., AB, an employee of Commerce Bank of Columbia since 1967, recently was promoted from vice president of the installment loan department to vice president-loan officer of the commercial and real estate loan department.

WAYNE BOHM, MBA, formerly director of data processing at Saginaw Valley State College in Michigan since 1971, is now serving as director of computer services at Lake Superior State College, Sault Ste. Marie, Mich.

PETER J. DAWSON, MBA, has retired as a major from the U.S. Air Force after more than 20 years of military service. During the retirement ceremony, he was presented the Meritorious Service Medal for his contributions in the areas of

surveillance, communications and aircraft protective systems.

JAMES R. WAHLBRINK, BS BA, of St. Charles, Mo., has been appointed director of the Home Builders Association of St. Charles County. He previously served as president of Downtown St. Charles Associates.

GERRY FRANKENFELD, M Ed, recently resigned as vocal music teacher at Washington (Mo.) High School and is now employed by Ernest Hazel Jr., Inc. in Washington.

RONALD G. RIBBLE, BS EE, MS '69, has been promoted to lieutenant colonel in the U.S. Air Force. He is assigned to Kelly AFB, Tex., as chief of maintenance.

RICHARD L. WILKS, BS ME, has been promoted to supervising engineer, nuclear operations, for Union Electric Company of St. Louis. He joined the company in 1968.

JACK CHASE, BJ, AM '69, has awarded Washington, D.C., has been awarded second place in the cabinet makers category in the 1976 International Carpentry Apprenticeship Contest. He is owner of the Dove-Tail-Joint, which specializes in remodeling homes and custom made furniture.

BRUCE W. MACKAY, BJ, is now an account executive for Northlich, Stolley, Inc., a Cincinnati-based advertising and public relations agency. He previously was employed as account supervisor in General Electric's internal agency in Louisville.

CAROLYN MARQUETTE Ashford, AB, BJ, AM '69, has been chosen as the new director of the Missouri Department of Natural Resources in Jefferson City. She is a former administrative assistant to the late Congressman Jerry Litton.

RUBY R. STAUBER, AM, a colonel in the U.S. Army, has been chosen editor-in-chief of the professional journal, Military Review. She entered the Army in 1951.

CHARLES BUCHANAN, BS ChE, JD '73, of Joplin, Mo., recently was appointed public defender for the 29th Judicial Circuit of Missouri. He is an assistant public defender for Jasper County and has been in private practice of law in Joplin and Springfield.

LINDA BUESCHER, BS Ed, AM '69, is now employed as library cataloger at Purdue University, West Lafayette, Ind. She formerly was with Northeast Missouri State University, Kirksville.

WILLIAM D. SOPER, MD, a family practitioner in Liberty, Mo., has been chosen president-elect of the Clay County Medical Association.

'69

JAMES L. CONWAY, BS Agr, is now sales manager of the Great Lakes

Jim Jennett directs "Wide World"



In the control room for satellite transmission of the 1972 Munich Olympics, left to right, are Roone Arledge, president of ABC Sports, Jim Spencer, vp program planning, and Jennett.

When Jim Jennett, BJ '66, went to New York to interview with ABC, he was told there were more than 100 applicants for the job. "They didn't give me much encouragement. But I had no sooner arrived back home than I had a call from ABC wanting me to come to work as soon as possible," Jennett says.

His first title was production assistant, which "entailed everything from getting coffee for the crew to editing video tape segments."

Now he is director of ABC's "Wide World of Sports." He's covered the Olympics, including the Munich debacle. "My hours were from noon to 4 a.m. I was just getting off when the Arab terrorists broke into the Olympic Village. Then we were no longer broadcasting just sports events. Someone said, 'Get the microphones ready so we can broadcast the shooting.' Then we began to realize it wasn't a dream."

Jennett believes that "personalizing the individual stars keeps interest in the games at a high level." Jennett says that some of the biggest stars are the easiest to get along with. "Jack Nicklaus is super. Ben Crenshaw is particularly nice."

division of Central Soya's domestic feed division in Fort Wayne, Ind. He has been with the company since 1969.

CHARLES W. HALL, AM, is now an assistant vice president and economist in the research department of the Federal Reserve Bank of Cleveland. He joined the bank in 1970 and was economist and director of the research department since 1975.

NANCY E. OLSON, AB, MS '73, has joined the faculty at Central Methodist College, Fayette, Mo., as an assistant

What about Howard Cosell?

"I feel I know him pretty well, and he really is a great guy," Jennett says. "He is intelligent, has a photographic memory and encyclopedic knowledge. As a commentator, he is admittedly opinionated. But you only see one side of him. He's friendly and warm, a great family man. But he freely expresses his opinion, and says he's long since given up making friends on TV.

The traveling is a little hard on his family, Jennett says. He and his wife, Jacquelyn, and daughter, Heather, live in Dobbs Ferry, New York.

"Besides the glamour," Jennett says, "there are odd working hours and tight travel schedules. But there's fun, too," he says, remembering a touch football game in Yankee Stadium between the production crew that televises college football on Saturdays and the crew that does the NFL Monday night game. "We got blanked. We were outclassed all the way. Frank Gifford was the 'star' and the rest of the NFL team had played football at Notre Dame, S.M.U. and who knows where else."

(Adapted from a story by Sara Barker in the Kansas City Star Magazine.)

professor in the allied health department and program director of the medical laboratory technology curriculum. She previously had been on the faculty of the pathology department at Mizzou.

LARRY F. LESLIE, M Ed, an instructor pilot at Seymour Johnson AFB, N. C., has been awarded the Air Force Commendation Medal for helping the 4th Tactical Fighter Wing take top honors in the Aerospace Defense Command's world-wide weapons competition held recently at Tyndall AFB, Fla.

RICHARD F. COLARUSSO, BS EE, recently was promoted to plant engineer for Great Lakes Carbon Corp., Long Beach, Calif.

JOYCE GOE Smith, BJ, is now a writer in the corporate communications department of the Consolidated Capital companies, Oakland, Calif., where she has been employed since 1975.

RON PRICE, BJ, evening news editor for WGEM-TV in Quincy, Ill., has been promoted to television news director. His new responsibilities include television news assignments, in addition to production of the evening newscasts. Price joined the news staff in 1971.

JOE RHEIN, BJ, formerly public relations director for the St. Louis football Cardinals, is now assistant to the president of the National Football Conference in New York. He had been with the Cardinals since 1971.

RICHARD J. TOTH, BJ, AM '71, is now director of public relations for the Home Builders Association of Greater St. Louis. He had served as assistant director of extension information for the University of Missouri-St. Louis since 1973.

DANIEL K. ATWILL, AB, JD '71, has joined the law firm of Knight and Ford in Columbia. He formerly served in the U.S. Air Force as assistant judge advocate and deputy staff judge advocate to the commanding general of the Air Force Communications Service, and as prosecutor and defense counsel.

BETTY HAZELWOOD, BS Nur, BJ '71, a registered nurse at Columbia (Mo.) Regional Hospital since February 1976, has been named assistant administrator and director of nursing for the hospital.

70

DONALD L. BARNES, PhD, technical manager-Lasso herbicide product group for Monsanto Agricultural Products Company since 1974, recently was named area product development manager for Monsanto-Canada.

ALIX V. PAEZ, PhD, is now research coordinator for the Latin American operations of the overseas seed division of Pioneer Hi-Bred International, Inc., Des Moines. He has been responsible for breeding special purpose corns for Pioneer since joining the company in 1970 and, in his new position, helps coordinate Pioneer plant breeding work overseas.

NANCY KLAPP, AM, recently presented a one-person exhibit of 26 works in pastel at the Fine Arts Gallery on Campus. She is a teacher at Hartford Community College in Maryland.

FRED A. LAFSER JR., BS, director of the Office of Policy Research in the

division of planning and policy development for the Missouri Department of Natural Resources, recently was appointed acting director for the division.

LOWELL W. THOMPSON JR., MS, has been promoted to the rank of major in the U.S. Air Force and is now stationed at Norton AFB, Calif.

PAUL W. FARRIS, BS BA, has been appointed assistant professor of business administration at the Harvard Business School, where he teaches marketing management. He has worked in product management for Uniliver in Germany and as a researcher for the Marketing Science Institution in Cambridge.

JOHN L. HENSON III, BS Ed, has been named assistant professor of dentistry and associate director of the Special Patient Care Program at the UCLA School of Dentistry. During the past year he has been on the staff of Rancho Los Amigos Hospital in Los Angeles and he is also in private practice in Downey, Calif.

LESTER VERN GILMARTIN, Grad, is now vice president of the manufacturing division of Hitchcock Chair Co. in Riverton, Conn. He served as assistant to the vice president of manufacturing for Virginia Home Furniture Corp. in Marion, Va., before joining Hitchcock Chair Co. in January 1976.

G. BRIAN GOODALL, BJ, AM '71, an account supervisor for Gardner Advertising of St. Louis, recently was appointed a vice president for the company, which he joined in 1973.

STEVE MOON, BJ, is now on the advertising staff of Pioneer Hi-Dred International, Inc., Central Division, in Des Moines. He previously served as a training services associate in the home office of The Bankers Life Company, Des Moines.

'71

GARY E. GRIES, BS Agr, MS '72, is now senior marketing research analyst in the agricultural chemicals division of ICI United States Inc. in Wilmington, Del. He has been with the company since 1972.

MILTON SAGER, BS Agr, and JANET LOCK Sager, BS HE '70, have been appointed members of the Missouri Farm Bureau Young Farmers' State Committee for a two-year term. They live on a farm near Stanberry, Mo., and represent the Farm Bureau's District 1.

JAMES GARB, AB, who received his MD degree from Creighton University in 1975, has been named chief pediatric resident for 1977-78 at Maricopa County General Hospital in Phoenix, Ariz. He and his wife, Candy, have a new son, Adam, born Nov. 26.

RICHARD W. LEMP, AB, has received the U.S. Air Force

Commendation Medal for meritorious service as an administrative officer at Los Angeles Air Force Station. He is now serving as an instructor in French at the Air Force Academy in Colorado Springs.

RICHARD A. SIRKEN, BS For, MBA '74, has been named manager-planning for the Lake State Region of Champion Timberlands. He now lives in Iron Mountain, Mich. He previously served as a planning analyst in Atlanta, Ga., for the company's southern region.

SHARON BATEMAN, BJ, an employee of Ozark Air Lines in St. Louis, has been elected president of the International Association of Business Communicators' St. Louis chapter for 1977.

DEBORAH S. CLAYTON, BJ, is now assistant agricultural editor in the College of Agricultural Sciences at the University of Delaware. She had been editor of the Market Bulletin for the Florida Department of Agriculture and Consumer Services.

ROBERT E. VINES, BJ, an employee of Commerce Bank of Bonne Terre, Mo., since 1975, recently was elected assistant cashier.

JODIE CAPSHAW Asel, BS Ed, JD '75, of Columbia, is now serving as an assistant prosecutor for Boone County. She formerly was a legal educator for the Missouri Students Association at Mizzou.

RANDALL R. JACKSON, AB, JD '74, assistant city attorney for St. Joseph, Mo., recently was appointed as magistrate judge for Buchanan County, Mo.

LOUIS J. LEONATTL, AB, JD '73, assistant city attorney for Mexico, Mo., since 1973, recently was appointed city attorney. He is a member of the law firm of Edwards, Seigfried, Runge and Hodge.

JEFFREY O. PARSHALL, AB, JD '76, is now a member of the law firm of Knight and Ford in Columbia.

'72

DENNIS GRAY, BS Agr, has joined the agricultural division of Ciba-Geigy Corporation as field sales representative in northwest Missouri. He formerly had been a district sales manager with Columbianna Seed Company and a salesman for Moorman Manufacturing Company in Quincy, Ill.

DOUGLAS R. KENNER, BS Agr, an employee of Monsanto Company of St. Louis since 1974, has been appointed sales representative, Atlanta, for the company's flame retardants group.

KENNETH ARTHUR BOLLES, BS, is now employed by the National Labor Relations Board in Washington, D.C., as counselor to one of the commissioners.

He received his law degree in 1975 from New York University School of Law.

G. DAVID MOORE, PhD, recently became manager of the Owens-Illinois, Inc., closure manufacturing plant at Brookville, Pa. He had been manager of quality assurance and specifications for the closure and metal container division of the company since 1975.

RAYMOND H. SCHEELE, PhD, has joined the faculty of Ball State University in Muncie, Ind., as assistant professor of political science.

RICH WALKER, BS PA, Colorado Springs branch broker and executive vice president for R.J. Fulscher Company, Denver, has been elected president of the Colorado Apartment Association.

JOHN WOOT'EN, BS ME, an employee of Union Electric Company in St. Louis since 1972, recently was promoted to supervising engineer, environmental services.

DALE AMICK, BJ, recently was chosen as press secretary for Governor Joseph Teasdale in Jefferson City. He had been serving as an assistant to former U.S. Senator Stuart Symington in his Columbia office.

CATHERINE J. SOETE, AM, has joined the staff of Overlock Howe & Company, creative marketing consultants in St. Louis, as communications director. She previously has worked as a reporter for newspapers in Iowa and Texas, and served as communications director for a constitutional amendment campaign in Missouri.

RICHARD COLLINS, BS Agr, JD '74, recently was appointed an assistant prosecutor for Jasper County, Mo. He practices law with the firm of Elliston and Webster in Webb City, Mo.

JIM CRENSHAW, JD, is now an attorney for the St. Joseph (Mo.) Light & Power Co. He formerly was with the Department of Consumer Affairs and the Public Service Commission in Jeff City.

'73

ROGER COOK, AB, of Washington, Mo., has been appointed as chief juvenile officer for Missouri's 20th Judicial Circuit. He had been an officer for the Missouri State Board of Probation and Parole for the past four years and is a part-time faculty member at East Central Junior College in Union, Mo.

MARK MCGILLEY, AB, is the new manager for McGilley funeral homes' Antioch Chapel in Gladstone, Mo.

ELGENE VER DUGHT, AB, who received his JD degree from Hamline University School of Law in St. Paul, Minn., in February 1976, has opened a law office in Higginsville, Mo.

JEROLD L. STOCK, BS BA, and JULIE JENKINS Stock, BS Ed '74, are

parents of a son, Toby William, born July 30, 1976 in Des Moines.

DEBORAH L. ZUEFFLE, AB, MS '74, has been promoted to senior associate engineer at IBM's Research and Development Lab in Boulder, Colo. She joined IBM in 1975.

ROBERT W. SCHUMACHER, BS For, is now a project forester in charge of timber sales for International Paper Co. in Atlanta, Tex. He formerly was with the company in Natchitoches, La., for three years.

BRIAN FITZGERALD, BJ, has joined the headquarters staff of the Western Golf Association, Golf, Ill., as director of public relations and publications. He formerly worked in public relations and advertising for the Victor Golf Company since 1973.

STEVE GRISSOM, BJ, recently was promoted to news director for television station WWBT in Richmond, Va. He had been managing editor for the news department since 1975.

KIRK WEBER, AB, BJ '75, former night editor for The Democrat-Capital in Sedalia, Mo., recently was named as sports editor for the newspaper.

DAVID ZEECK, BJ, a reporter for The Kansas City Star for three years, recently was named an assistant city editor.

TIMOTHY BATTERN, AB, JD '76, is now employed as an assistant to Phelps County (Mo.) Public Defender Paul Crider.

TERRY BRUMMER, JD, has resigned as an assistant public defender for Boone County and is now associated with the St. Louis law firm of Schmitz and Fisher.

ROSS ESHELMAN, JD, is a new member of the law firm now named Poague, Brock, Wall & Eshelman in Clinton, Mo. JULIUS F. WALL, LLB '60, and BARKLEY M. BROCK, LLB '39, are also members of the law firm, which was founded by the late HENRY F. POAGUE, LLB '92.

ROBIN RADER, AB, AM '74, assistant librarian at Cottey College in Nevada, Mo., since 1974, recently joined the Springfield-Greene County Library in Springfield, Mo., as reference librarian.

VIRGINIA WILLIS Vinyard, MS, formerly on the University's extension staff in Hannibal, Mo., for three years, has been transferred to the extension center in Hillsboro, Mo., as a community development specialist.

'74

JAMES R. DICKERSON, AB, of Camden County, has been named presiding judge of the county court of Camden County. He served as research assistant for the Missouri House of

Diana Vanderbeck designs clothes

Diana Vanderbeck, BS HE '73, made clothes for her dolls when she was a little girl. Now she designs, makes and sells low-priced originals in her own Columbia shop, Clothware.

She worked in and became a partner in another Clothware in Boston while her husband was a graduate student there. When they decided to return to Columbia, Diana began looking around for a place for a shop of her own.

She found just the spot in North Village, an area north of Broadway where there are many small shops and boutiques. The Vanderbecks and their friends varnished the wood floors, made the sign, built the clothes' racks, and Clothware was in business.

The clothes are casual: print skirts, cotton knit and velour cowl blouses and corduroy jumpers. They come in three sizes: small, medium and large, and you get free alterations. One customer bought all her maternity clothes at Clothware. They were "expandable" jumpers, made to wear during and after her pregnancy.

Diana has a couple of assistants. One is a '73 J-School graduate, Teresa Baker, who had no formal training in sewing or designing and "just picked it up."

"The first time I saw someone wearing one of my dresses, she was walking and I was riding in a car," Diana remembers. "I got really excited and almost shouted, 'That's my dress!'"

Representatives in 1973-74 and for the Missouri Senate in 1975.

ROBERT LEE McLAREN, EdD, formerly an assistant professor of industrial education and technology at Western Illinois University in Macomb, has joined the faculty of Ball State University in Muncie, Ind., as an industrial arts teacher.

CAROL ANNE SOLBERG, BS Ed, currently is based in Miami, Fla., as a flight attendant for Delta Air Lines.

RAY LEONARD HUSTON, BS MAE, recently received a master of science degree in electrical engineering from the University of California at Los Angeles.

SUE WILSON, BJ, is now tri-state editor for the Keokuk (Iowa) Daily Gate City. She formerly was employed as state editor of the Dixon (Ill.) Evening Telegraph. While at the Telegraph, she won second and third place awards in the 1976 Illinois Associated Press Contest.

HARRY C. FARR, JD, has been chosen as the new city attorney for Kirksville, Mo. He has practiced law in Kirksville for the past two years.

J. RICHARD McEACHERN, JD, currently is associated with the St. Louis law firm, Guilfoil, Symington & Petzall.



Jennifer Werner

Diana also sells to two stores in Washington, D.C. Soon after selling a few items to one Washington store, one of her assistants saw Cassie Mackin of NBC News on TV wearing a Clothware creation. It was a blue velour with a handkerchief collar.

RONALD MITCHELL, JD, a lawyer with the firm of Blanchard, Van Fleet, Martin, Robertson and Dermott in Joplin, Mo., recently was selected an assistant prosecutor for Jasper County.

THOMAS RAY, JD, has been appointed an assistant prosecutor for St. Francois County, Mo. He had been in general law practice in Kansas City.

NANCY McCAULEY, AM, a member of the faculty at Stephens College in Columbia since 1973, has been selected as a Fellow in the National Humanities Institute at Yale University for the 1977-78 school year.

SHARON ANN McGAHAN, BS Nur, is now on the nursing faculty of Northeast Missouri State University as an assistant professor. She has worked at Barnes Hospital in St. Louis, the University's Medical Center and Seton Medical Center in Austin, Tex.

D.L. (Tim) ADDIS, DVM, has opened a practice of veterinary medicine at his home near Gainsville, Mo., during construction of his clinic.

'75

KEN BERRY, MS, is now manager of the Wilson Foods Corporation Stockyards

at Novelty, Mo. He joined Wilson in February 1976.

JIM GOODRICH, BS Agr, M Ed '76, has been appointed as an information specialist in the marketing division of the Missouri Farmers Association, Columbia.

DENNIS WINTERS, BS Agr, formerly breeding house manager for Dekalb Swine Breeders, Inc. research unit, complex III, has been promoted to selection assistant for the company, which is a subsidiary of Dekalb (Ill.) AgResearch, Inc.

RUTH ANDERS, BS Ed, MS '76, has joined the staff of Salem (Mo.) Memorial Hospital as patient relations director.

JERRY BROWN, MS, formerly sanitarian for the University of Missouri-Columbia, is the new supervisor of environmental health services for the Jefferson County (Mo.) Health Department. He makes his home in Cedar Hill.

BONNIE KIMBERLING, AB, AM '76, currently is teaching English at the Executive Language School, Inc., in Kobe, Japan.

CARL M. KOUPAL JR., AB, has been appointed a special assistant to newly elected Missouri Attorney General John Ashcroft in Jefferson City. He had served as Ashcroft's campaign manager in 1976.

LUCINDA SIMMONS, AB, was honored recently as the outstanding employee for the Southeast Region in the Missouri Division of Youth Services. She has been a youth specialist at the Group Home No. 4 in Sikeston, and is currently working toward a master's degree at Southeast Missouri State University.

CHRISTINA HOFER, M Ed, is now employed as administrative assistant to the employee relations director for the city of Columbia. She is a former psychology and sociology teacher at Rock Bridge High School in Columbia and most recently worked six months in the unsuccessful re-election campaign of Gov. Christopher Bond.

ED GERDEMANN, BJ, formerly assistant sports editor for the Yuma (Ariz.) Daily Sun, is now sports editor for the Arizona Daily Sun in Flagstaff.

MIKE HOWELL, JD, currently is serving as assistant city attorney in St. Joseph, Mo.

JOHN A. PARKS, JD, formerly assistant prosecuting attorney of Polk County, Mo., recently was named as prosecuting attorney.

JOHN L. PURSLEY, JD, recently became a partner in the law firm now named McNabb-Pursley in Butler, Mo.

JACKIE HATTON, AB, AM '76, recently joined the staff of the city library in Cape Girardeau, Mo., as assistant librarian.

'76

JIMMIE C. HENDRIX, BS Agr, is now on the staff of Good City (Mo.) High School as vocational agriculture instructor.

JAMES R. SPIKING, BS Agr, has been appointed manager of the Trenton, Mo., office of the Federal Land Bank Association. He joined the association last July.

CURTIS A. WYATT, BS Agr, who joined Monsanto Agriculture Products Company in August, is now a field sales representative for the company's crop protection products. He is assigned to the Fargo, N.D., district and lives in Twin Falls, Idaho.

PAUL E. KOENIG, AB, currently is a medical service representative for A.H. Robins Company, a pharmaceutical firm based in Richmond, Va. He is assigned to the company's Kansas City division and works in the Creve Coeur, Mo., area.

BILLY ALDER, BS PA, is now associated with his father in a new insurance agency, Bill M. Alder & Son, Inc. in Hardin, Mo. It is an affiliate of the firm's Richmond, Mo., agency.

CHARLES COTT, BS BA, has joined the Missouri Farmers Association in Columbia as a credit investigator in the exchange division.

TOM YOUNG, BS CE, recently was hired as city engineer for Centralia, Mo.

KIM R. MOORE, JD, and two other Perryville, Mo., attorneys have formed a new law firm, Toohey, Bullerclieck and Moore.

weddings

'59

Selma Meyers and **BRUCE FANE**, BS BA, Dec. 19. They make their home in Encino, Calif. He is regional vice president of Manufacturers Bank.

'63

Cheri J. Foley and **JIM VERMILLION**, BS Ed, M Ed '65, Dec. 31 in Columbia. She is a graduate student in special education at the University and a caseworker for the Juvenile Justice Center, where he also works as a special education teacher. He is working toward a doctorate in special education at Mizzou.

'64

NICKI JOE NICHOLS, BS Ed, and Richard Bradley Gamble Nov. 27 in Cambridge, Mass., where they live. She is executive director of the Planned Parenthood League of the State of Massachusetts and he is president of the Pathfinder Fund, a non-profit foundation working internationally in family planning and population.

'65

PATRICIA ELAINE MACRAE, BS Nur, MS '76, and Zaffar Abbas Rizvi Dec. 5 in Warrenton, Mo. Both are employed at the Mid-Missouri Mental Health Center in Columbia. He is assistant medical superintendent at the center and an assistant professor of psychiatry at the University.

Laura Emanuelson and **RONALD R. PETERS**, Arts, Oct. 9 in Virginia Beach, Va. They now live in Independence, Mo. He is practicing orthodontics in Blue Springs and Kansas City.

'69

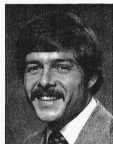
Karen Ballance and **GORDON W. HENDRICKER**, BS Agr, Dec. 12 in Shelbyville, Mo. They are at home in Bethel, Mo., and plan to move to a farm near Leonard, Mo., some time this spring.



Conway '69



Moon '70



Kenner '72



Walker '72

'71

Donna Louise Richey and WILLIAM EDWARD HOWSER, BS For, Dec. 18 in Jefferson City. She is a student at the University of Missouri-Rolla and he is a salesman for Billy Brown Real Estate, Rolla.

Nancy Mae Kovach and THOMAS JOHN KOESTER, BJ, Oct. 23 in Raytown, Mo., where they live. Both are employed by the Social Security Administration.

DEBORAH ANN SCHNACK, AB, and Don Paul Schulteherich Jan. 8 in Lone Elm, Mo. Both work for the Missouri Department of Natural Resources in Jefferson City.

'72

CAROLINE SUE COX, BJ, and Hadley Paul Stonner Dec. 28 in Jefferson City. They are at home in Alamo, Tex. He is co-owner of the Custom Tee in Edinburg.

Donna Sue Nichum and LESTER C. JOERN JR., AB, May 29 in Kansas City. He is practicing dentistry at the St. Louis Hills Medical Center. They are at home in Kirkwood, Mo.

CYNTHIA ELLEN TALBERT, BS Ed, and Joe D. Beaulieu Nov. 27 in Mayport, Fla. They are at home in Jacksonville, Fla., where she is employed as a teacher. He is a helicopter pilot with the U.S. Navy.

MELISSA JANE TEEL, BS Ed, and Russell Eugene Putt Jr., Dec. 18 in Dallas, Tex. They live in College Station, Tex., where he is completing work on a master's degree in oceanography at Texas A&M.

GLENN JANETTE WELLMAN, AB, M Ed '75, and Jim D. Childers Jan. 1 in Casa Grande, Ariz., where they live. Both are employed by the Arizona Training Program in Coolidge.

'73

Kathleen Marie Whelan and LAWRENCE S. MINTMAN, BS Ed, Dec. 18 in St. Louis. They are living in St. Peters, Mo.

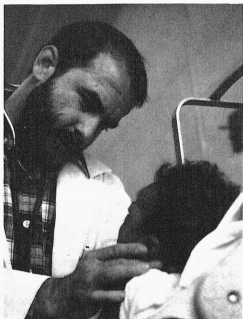
CAROLYN FRANCES MORRIS, BS HE, and WILLIAM R. GOOCH, BS FW '75, Jan. 29 in Vandalia, Mo. They now live near Vandalia and he is employed by L. E. Kohn.

LAUREN ANN PERSCHBACHER, BS Ed, and Alvin Joseph Rushing Nov. 27 in Washington, Mo. She is employed by Sakowitz Department Store in Houston, Tex., where they now live.

'74

Lisa Gayle Pugh and ROBERT M. CLOUGH, BS Ed '74, Oct. 1 in Columbia. She is employed by State

Ron Sable shares internship



At Cook County Hospital in Chicago, Ron Sable, MD '76, is one half of a unique experiment. He is sharing his medical internship with another physician, Naomi Kistin. Instead of working individually for a year, they are splitting the work and stretching their

collective internship to two years. The shared internship has been written about in American Medical News and the Readers Digest.

Internship traditionally has been a major hurdle in every doctor's career. This period right after medical school, with its 80 to 120-hour work weeks, fatigue and stress, long has been supposed to separate the "real doctors" from the ones who can't make it.

By sharing this time (and splitting the \$12,000 salary), Sable believes that he will receive better training and the patients will receive better care.

"All interns' schedules should be altered. I don't support anybody having to work an 80-hour week. It's inhumane," Sable says.

He's on duty for a month, while Kistin is off; though, in reality, they help each other out. There has been no major opposition to the interns' system. "It was more that since it hadn't been done before, doctors weren't used to the idea," Sable says. "A lot of people thought it was crazy to take two years to complete an internship. But it's working better than even we had imagined it could."

Both doctors have been assured a separate residency at Cook County upon completion of the joint internship.

Farm Insurance Companies and he is with Shell Oil Co., Columbia.

Cydney Stafford Jackson and WILLIAM RANDALL COIL, AB, Oct. 17 in Columbia, where they now live. He is self-employed as a general contractor.

PATRICE HATHAWAY, BS Ed, and Douglas Carl Hawkins Dec. 18 in Spickard, Mo. They are at home in Bartow, Fla., where she is a learning disabilities specialist for the James E. Stephens Elementary School. He is a carpenter for Pirkle Construction at Lakeland, Fla.

SUSAN DIANE MAHAN, BS Ed, and Stanley Joseph Hughes Jan. 1 in Columbia, where they are living. She is a graduate student and teaching assistant at the University, where he is also employed.

Vicki DeAnn Whitworth and DONALD STEVEN NIKODIM, BS Agr, Dec. 11 in Warrensburg, Mo. They make their home in Bowling Green, Mo., where both are employed by StroWold International Livestock Services, Ltd.

Nancy Szymanski and MICHAEL W. PROFFER, AM, Dec. 28 in Dunkirk, N.Y. They are living in Columbia, where he is employed by the University's Memorial Union Food Services.

Monica Ann O'Dell and JOHN SCOTT ROSE, MBA, Nov. 20 in Excelsior Springs, Mo. They live in Grand Island,

Nebr., where she is employed as a nurse at the Veterans Hospital. He is a territory manager for Certain-Teed Products Corp.

'75

ELIZABETH JOAN AMBRA, AB, and Michael Eugene Ward Nov. 13 in Columbia, where they live. She is enrolled in a graduate program at the Medical Center and he is completing a degree in fisheries and wildlife at the University.

Vickie Lynn Statler and NICK GENE BOREN, BS CE, Nov. 27 in Cape Girardeau. They now reside in Aiken, S.C.

KAY ELLYN BROTHERS, BS BA, and Leonard Edward Bussiere Jr. Jan. 8 in Columbia. He is a career U.S. Air Force electronics technician stationed at St. Albans Air Force Station in Vermont.

Katherine Ann Verity and CHARLES LEE CLIFTON, BS ChE, Dec. 4 in Hannibal, Mo. He is a process engineer for American Cyanamid Company, West Plains, Mo.

CYNTHIA ANN GOLSON, BS Ed, and ROBERT E. CARR, BS Agr '76, Dec. 11 in Jefferson City. He is employed by the Carriage Club in Kansas City, where they live.

KATHRYN MARTINDALE, BS Ed, and Shannon Reading in January in Baldwin

City, Kan., where they live. He is basketball coach at Baker University.

DIANNE MARIE ROETTGER, AB, and JAN RAY LACROIX, BS BA '69, recently in Festus, Mo.

COLEEN SHORT, BS Ed, and ROGER WATSON, Educ '73, Oct. 16 in Kahoka, Mo. They live near Canton, Mo.

Elizabeth Vawter and GARY EARL HUNZIKER, BJ, Nov. 6 in Kansas City. They are living near Canton, Mo.

'76

LOIS MONSEES, BS, and Thomas St. Jean Jan. 1 in Sedalia, Mo. They live in Richmond, Va., where he is employed in the radiation safety department at Virginia Medical College.

GAYLE ANN MULLEN, BS Ed, and CRAIG ALLEN ST. JOHN, AB '75, May 22, 1976 in Columbia. Both are now in graduate school at the University of North Carolina at Chapel Hill.

Gail Engelkemeyer and EDMOND S. PRUNEAU JR., BJ, recently in Washington, Mo., where they are living. She is on the faculty at St. Gertrude's school and he is a reporter for The Washington Missourian-Citizen.

JANET RUTH WELCH, BS Ed, and Ronald Joe Zupon on Dec. 18. The couple is living in Raytown, Mo., and both are employed as elementary school teachers in the Lee's Summit (Mo.) School District.

Claudia Summers and ARTHUR WESTHUES, BS Agr, Nov. 27 in St. Joseph, Mo. They now live in Boonville, Mo. He is employed by Elanco Products Company and she works for Semco Manufacturing Inc. of Columbia.

deaths

GEORGE V. SHEETS, BS Ed '13, BS Agr '17, Dec. 27 in Dexter, Mo., at age 87. He was a retired insurance broker and school teacher.

JOHN K. (Jack) ROHRER, BS CE '14, Dec. 28 in Yuma, Ariz., at age 88.

CHARLES S. (Sam) BASTON, Arts '15, Dec. 24 in Warrensburg, Mo., at age 84. He had owned an insurance agency in Warrensburg and was part-owner and manager of advertising and circulation for The Daily Star-Journal. After his retirement in 1957, he continued as a member of the board of directors of Citizens Bank.

JULIA CAVE Williams, Educ '16, of Mexico, Mo., Sept. 8 at age 81. She was a life-long Mexico resident.

JOHN HAROLD CRAGIN, AB '16, Dec. 10 in Joplin, Mo., at age 82. He was a stockbroker in Joplin until his retirement in 1970.

JESSE H. WRIGHT, BS Agr '17, of Lee's Summit, Mo., Jan. 2 at age 84. He had formerly lived in Graham, Mo. He served as a farm loan manager for Metropolitan Life Insurance Co. for 25 years. His wife, MARTHA SLAUGHTER Wright, BS Agr '19, survives.

LAWRENCE T. RALSTON, B&PA, Arts '18, Jan. 25 in Kansas City at age 81. He was founder and chairman of the board for Ad-Craft Line, Inc., a Kansas City advertising specialties firm.

EVERETT C. NORLANDER, BJ '19, Dec. 26 at age 82. He was former managing editor of the Chicago Daily News, retiring from the newspaper in 1960. While he was managing editor, the newspaper was awarded a Pulitzer Prize. Norlander received a Missouri Honor Medal from the University's School of Journalism in 1959.

EDWIN F. CAVE, AB '20, of Chestnut Hill, Mass., Dec. 29 at age 80. A nationally known orthopedic surgeon, Cave was associated with Massachusetts General Hospital for many years, retiring in 1970. After his retirement he served as a consulting-visiting orthopedic surgeon at the hospital. He was a former member of the Harvard Medical School faculty.

JOHN CROSSER, BS Agr '20, Dec. 7 in Columbia at age 82. He had lived in Columbia since 1945 and was owner of Sanford Apartments until 1974.

HENRY PRIOR CLARK, Arts '21, of Kansas City, Dec. 19 at age 76. He was a civic affairs volunteer and local authority on Indian culture. He studied Indian culture in New Mexico and did a series on Taos which is part of a collection at the Southwest Museum in Los Angeles.

ORR MULLINAX, AB '21, Jan. 14 in St. Joseph, Mo., at age 79. He had served as superintendent of the state hospital in St. Joseph, director of the Missouri Division of Mental Diseases, superintendent of the Marshall (Mo.) State School-Hospital, and on the staff of the state hospital in Nevada, Mo. He retired in 1968.

THOMAS V. PROCTOR, Arts, Law '23, of Shelbina, Mo., Dec. 26 at age

77. He retired in October after serving 21 years as magistrate and probate judge of Shelby County. Earlier in his career he was a lawyer in Monroe City, Mo., and then served as prosecuting attorney for Monroe County.

FRANCES CARTER Barnett, AB '25, Jan. 7 in Kansas City at age 72. She was a Kansas City area resident 46 years. Her husband, GORDON P. BARNETT, Arts, Med '27, a former physician, survives.

MILDRED B. MORGENTHAUER, AB '25, of Hallsville, Mo., Nov. 24 at age 80. She was employed in the registrar's office at the University until her retirement in 1947.

ARTHUR H. BENNETT, BS Agr '27, Jan. 8 in Marshall, Mo., at age 75. He was regional manager of the farm mortgage department for the Southeastern district of the Equitable Life Assurance Society in Raleigh, N.C., from 1963 until his retirement in 1966. Before joining Equitable he had served as vocational agriculture teacher at Sweet Springs (Mo.) High School and was an appraiser for the Federal Land Bank of St. Louis.

NELL BURTON Welch, AB '27, AM '36, BS Ed '36, Dec. 1 in Tulsa, Okla. She was a teacher at Cleveland Junior High School in Tulsa 31 years, retiring in 1967.

MELVIN ENGLEHART, LLB '27, June 23 in Farmington, Mo., at age 74. At the time of his death he was Madison County probate judge and ex-officio magistrate. He had served 10 years as Madison County prosecuting attorney and 11 years as an assistant to the chief counsel of the State Highway Commission.

RICHARD F. SPITZER, Arts, Eng, Law '28, of Parma, Mo., Dec. 12 at age 72. He was a retired lawyer and was a resident of Parma since 1909. He is survived by his wife, MARY LOU TURNER Spitzer, Arts '24.

W. H. AUFRANC, AB '30, BS Med '31, of San Diego, Calif., Dec. 2 at age 70. He had served 30 years with the U.S. Public Health Service, seven years with the American Public Health Association, and the last four-and-one-half years as field representative for the Joint Commission on Accreditation of Hospitals.

KATHERINE STUTMAN Zumwalt, BS Ed '31, Feb. 3 in Columbia at age 66. Her husband, GEORGE C. ZUMWALT, BS BA '33, survives.

WILLIAM J. CREMER, AB '33, BS Med '34, Dec. 7 in Fulton, Mo., at age 67. He was on the staff at the Fulton State Hospital for 31 years, serving as psychiatrist, medical superintendent and, since 1973, clinical director of acute intensive treatment.

JOHN ANCEL (Jimmie) PROCTOR JR., BJ, BS BA '33, in Columbia at age 64.

was a partner in Proctor Real Estate and Insurance Co. in Columbia. He is survived by his wife, MARTHA McDONALD Proctor, BS Ed '35, AM '36.

KESTER E. WELDY, Arts '33, Dec. 26 in Tulsa, Okla., where he had lived since 1939. He was owner of the E. K. Weldy Real Estate company since 1946 and had been general manager of the Lyons Corp. in Tulsa until last year. He was co-founder and had served as president of the Tulsa Multi-List Service, which is in conjunction with the Tulsa Real Estate Board.

LETHA GEOGHEGAN Cochran Patton, AM '34, Nov. 22 in Kirksville, Mo., at age 77. She taught in the Kirksville school system for 43 years, 37 of them as principal of Washington School. She retired in 1965.

JOSEPH R. (Bob) BARTELS SR., BS Agr '35, of St. Marys, Mo., Dec. 20 at age 62. Since 1957 he had served as president of Bartels Farms, Inc., Randolph County Farms, Inc., and Bartels Enterprises, Inc. He also was vice president of Riverside Investment Co., publisher of St. Marys Review, and vice president of the Bank of St. Marys.

LESLIE C. POST JR., Arts '35, of Leawood, Kan., Jan. 17 at age 61. He was a credit manager in the Midwest area for the Standard Oil Co., and had been with the company for about 30 years.

MARION M. MOSELEY, BS BA '37, of South Laguna, Calif., Nov. 26 at age 64. He was self-employed as a land developer in Orange County and publisher of the weekly newspaper, the Fillmore Herald.

JAMES L. TURRENTINE, BJ '39, Nov. 30 in Stamford, Conn., at age 58. He was employed by Pitney Bowes in Stamford for 30 years, serving as vice president for employee relations since 1966.

GERTRUDE BOLD Kopel, AB '40, Jan. 1 in Dallas at age 60. Her husband, NATHAN KOPEL, Eng '36, survives.

ETHOLINE GRIGSBY Aycock, AM '40, of Fort Collins, Colo., Nov. 11 at age 79. She was a teacher at Colorado State University for 17 years and, after mandatory retirement, taught two more years at Tyler (Tex.) University.

NELLIE MILLIGAN Porter, AM '40, of Harrisonville, Mo., Dec. 14 at age 77. She was a teacher in the Kansas City School District 42 years before she retired in 1965.

WAYMON O. SHOFSTALL, M Ed '43, of Green Castle, Mo., Jan. 16 at age 70. He was a teacher and coach for 47 years in several Missouri cities and in California. He was on the faculty of the Green City, Mo., school system from 1966 until his retirement in 1973, and since that time had been employed in the

athletic equipment department at Northeast Missouri State University.

JOHN ROBERT HARRIS, BS PA '47, Dec. 1 in Stoney Brook, N. Y., at age 54. For the past 10 years, he was a partner in the firm, Industrial Metals, Ltd., Ronkonkoma, N. Y., and formerly had served in the State Department's Foreign Service in the Far East and Europe for several years.

JOHN TRUSTEN McARTOR, M Ed '48, Jan. 10 in Webster Groves, Mo., at age 69. He had served for many years in Missouri schools as a mathematics teacher, as well as football, basketball and baseball coach. He also worked several years in the personnel department and as recreation director at the Curtiss Wright Plant in St. Louis.

JOE BEAVERS, LLB '49, Dec. 12 in Maryville, Mo., at age 54. He was a lawyer in Maryville since 1956 and was the senior member of the Beavers, Beavers and Ross law firm at the time of his death.

JACK SELLERS, Arts '49, Jan. 27 in Lebanon, Mo., at age 49. He was president of Lebanon Broadcasting Co. and general manager of KLWT Radio since 1972. He had been with KLWT since 1951.

ROBERT LAWRENCE BERENS, AB '51, AM '57, of Oshkosh, Wis., Aug. 11 at age 46. He was a French professor at the University of Wisconsin-Oshkosh and had served as chairman of the foreign language department at the university from 1966-72. He formerly taught at the University of Colorado and at Concordia College in Moorhead, Minn.

CAROLYN STRINGER Thompson, BS Ed '51, Jan. 4 in Phoenix, Ariz., at age 47. She was art coordinator for the Alhambra School District in Phoenix and taught painting classes at Glendale Community College. She was also co-owner of the Leprecham Wall Art Gallery.

JOHN G. BRANDIS, AB '53, Nov. 26 in Columbia at age 50. He was an instructor in conferences and short courses at the University.

JOHN H. HILDEBRAND JR., BS Agr '54, MS '61, of Columbia, Dec. 19 at age 44. At the time of his death he was teaching part time and was self-employed as an economist and real estate appraiser. He formerly had taught for several colleges and universities in Missouri. His wife, MAURINE HALL Hildebrand, BS Ed '58, M Ed '72, survives.

WILLIAM W. HOFF, BS Agr '55, MS '63, Jan. 24 in Columbia at age 47. He had been employed in the University extension program since 1957 and was assistant dean of extension at the time of his death. He had also served on Campus as director of the Technical

Referral Center and program consultant for the College of Engineering.

LEROEY BEARMAN, BJ '56, Dec. 18 in Albuquerque, N. M., at age 42. He was sports columnist and sports editor for the Albuquerque Journal, which he joined in 1959. He was a three-time winner of the National Sports Writers and Sportscastrs' Association award as Sports Writer of the Year in New Mexico.

ELISE MOELLENHOFF Kuebler, BS Ed '59, of Overland Park, Kan., Nov. 22 at age 39. She taught at Eugene Fields School in Mexico, Mo., two years and at Pitcher School in Kansas City for three years. Her husband, HAROLD W. KUEBLER, AB '61, survives.

REBECCA SMITH Bowman, Educ '64, of Jackson, Ohio, Jan. 12 at age 31.

HAZEL NETTLESHIP Hardy, AM '67, of Ossining, N. Y., Dec. 28 at age 32. She was director of corporate information for American Broadcasting Companies, Inc., of New York, which she joined in 1973 as a press representative. She previously had been with Westinghouse Broadcasting Company, NBC News and Broadcasting magazine.

JAMES HERSHEL RUHL, AB '75, Dec. 12 in Columbia at age 24. His death was ruled a suicide. He withdrew from the University's School of Law about six weeks previously.

Faculty death

IAN M. THOMPSON, Feb. 11 in Columbia at age 55. He had been a professor of surgery and chairman of urology at the University's School of Medicine since 1959.

books

By alumni

MAJOR ANDREW DRUMM (1828-1919): An Adventurer Who Left a Living Memorial by George Berkemeier, BS Ed '31, M Ed '43

The author, who spent 40 years

Knapps collect the lore of childhood

ONE POTATO, TWO POTATO. . . The Secret Education of American Children by Mary Gillham Knapp, BJ '52, and Herbert Knapp, BS Ed '52
W W Norton & Company Inc., 274 pp. \$9.95

"I see London, I see France,
I see Laura's underpants."

To embarrassed mothers and teachers—overhearing the familiar childhood chant—this constitutes an example of a youngster needing a basic lesson in manners.

But they may be missing something, according to the authors of *One Potato, Two Potato*, a new book that examines a collection of child folklore as a surprisingly positive and important part of growing up.

Thus, the jeer made to Laura can be interpreted as an example of an established—and effective—method used by children to announce a proper standard of behavior. If Laura is more careful from then on, it is often because of the strong impression made by the playmate's words.

Herb Knapp was on the staff of the *Campus* humor magazine, *Missouri ShowMe*, during his years at Mizzou, serving as art editor and, during his senior year, editor-in-chief. His zesty cartoons are scattered throughout the journal. The couple, who received master's degrees from the University of Missouri-Kansas City, are now living and teaching English in the Panama Canal Zone. The Canal Zone, located at what is termed the Crossroads of the World, has provided a diverse sampling of folklore.

Besides this, the authors have gathered material, mostly during the 60's and 70's, from 43 states, the Virgin Islands, American military bases abroad, and from students from several foreign countries. Traveling throughout the country, the Knapps collected hundreds of essays and questionnaires from grade schoolers. They also interviewed 600 high school students and 400 college freshmen. The Knapps' daughter, Eleanor, gathered material in Eugene, Ore., and did hours of research.

Learning the origins and distribution of folklore can be intriguing. Much is international in scope. The popular counting-out rhyme (to decide who's "It" in a game) beginning "Eeny, meeny, miney, moe" is an interesting example of a verse with many variations and wide distribution. Words resembling "eeny meeny" can be found in the first lines of rhymes in French, Spanish, Italian, Swedish, German, Dutch, Platt-Deutsch, English and Bulgarian. A version of the rhyme from Britain even suggests the possibility of it being once used in some form to pick the "It" for a human sacrifice.

To qualify as folklore, children's traditions must be passed along orally, and there are usually several versions. They include games of all sorts—chasing, hiding, jumping, singing, clapping and kissing games; rhymes and riddles; jeers; jokes; parodies; scary stories and superstitions, all with endless variations. And part of it unsuitable for Sunday School. Children learn about shock value early.



Herb and Mary Knapp

The book can be enjoyed solely as an adventure into nostalgia-land—and probably everyone will be surprised at the extent folklore has touched their childhood.

Then, as now, you could play games like sardines, where everyone ends up together in the hide-out; king of the hill, a pushing and tumbling extravaganza (and even more fun on a snowbank); or red light, green light, a test of daring and stealth as one moves forward on "red."

At school, besides spit ball, tick-tack-toe and pencil fights, you could break the monotony by folding paper into airplanes, balloons, rockets and love charms, or by tagging someone to give them "cooties."

There were kissing games for all ages—post office, spin the bottle, tag kiss, and, for the older youngsters, pass or fail, where boys grade the girls' kisses, or rum and coke, where "rum" stops a dance for a kiss and "coke" is the signal to stop kissing.

Beyond its entertainment value, however, the book's intent clearly is to promote awareness of the benefits to be had by children left to themselves to play—as the authors say, to "show how children use their traditional lore to cope with the stresses of their lives and to learn what it means to be a member of a human society."

Take parodies. Like adults, children

use parodies to show they are not taken in by the propaganda they are bombarded with. They have their own versions of commercials: "Sani-Flush, Sani-Flush, Cleans your teeth without a brush." They use nursery rhyme parodies to assert that they have outgrown this stage of their lives: "Hickory, dockory, dock, Three mice ran up the clock; The clock struck one, And the other two escaped with minor injuries."

Or even tag. In contrast to organized sports and physical ed periods, rules are unwritten and therefore flexible, depending on the group playing, and there is no official score. Though everyone is expected to do their best, having fun is more important than winning. After all, "a play group needs players, and no one can be expected to play if he's not having a fairly good time," the authors point out.

This flexibility helps folk games to become social occasions. Play may be interrupted to lend a little kid a hand, give someone a better chance to show their skill, or decide on rules, thus providing time to talk, tease one another, laugh or argue. Sometimes, to the consternation of adults, complete pandemonium breaks out. But such emotional abandonment is healthy, allowing children to play at being out of control while protected by the limits of the game.

"All this is fun," say the Knapps:

"staggering about, laughing uncontrollably, whooping, falling in a heap, tempting Fate, enjoying the jitter of being caught. Adults, too, think this kind of behavior is fun, but they have to get drunk to make it socially acceptable."

The structure of folk games allows players to enjoy multiple roles; no one is a specialist as in supervised games. "Each is a competitor, referee, spectator, and scorekeeper, all at the same time, and, in addition, may be acting out fantasies, experimenting with social ploys, testing friendships, and looking after a little brother."

The Knapps are concerned about the survival of childlore. Opportunities for unsupervised play are becoming more and more limited. Schools now almost entirely advocate supervised recreation, with physical education "specialists" in charge, and gym or physical ed periods replacing recess. (Although recess is returning in some places where teacher shortages exist). After school, there are organized athletic leagues and, of course, television, which consumes prime play time. Even during the summer, time is often rigidly planned by parents.

While supervised sports are certainly beneficial, the authors feel they are often overemphasized. They would like to see traditional games and folklore play a larger role in the lives of children. More back yards, playgrounds and vacant lot full of youngsters doing their very own thing. --Karen Farrar

working with boys of the Andrew Drumm Institute for Boys, chronicles the life of the home's colorful founder. Privately published by Berkemeier, 14605 Berkshire Dr., Independence, Mo. \$7.75 mailed

SOCIETAL SYSTEMS: Planning, Policy, and Complexity
by John N. Warfield, AB '48, BS EE '48, MS '49

How to analyze complex problems using many different expertises and a computer for organization services. Warfield is professor of electrical engineering at the University of Virginia. John Wiley & Sons, New York, 490 pp. \$29.95

PLAYBACK

by Dave Dexter Jr., Jour '36
Autobiographical history of the last 40 years of the pop music and recording business from Down Beat to Billboard. Billboard Publications, Inc., 239 pp. \$9.95

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INEQUALITY IN THE PERUVIAN

ANDES: Class and Ethnicity in Cuzco
by Pierre L. van den Berghe and George P. Primov

Two sociologists examine the nature and causes of social inequality. 324 pp. \$17.50

forum

To the editor:

I wrote this letter in late November but postponed mailing it.

Doubtless many of you identified with the University in Columbia have noticed

the way some of the students give the Tigers a hard time if they do not win. They jeer instead of cheer, and that is not good! This year our football team has won from some of the college teams like U.S.C. -Ohio State-Nebraska-COLORADO—and three of these away from home, too.

We have been doing this for years. We win the truly tough ones played away from home but lose to the often easier opponents at Columbia. This seems to indicate something is wrong. Razzing the team this year at the Kansas game was a shameful example of juvenile rowdiness. And while on the subject, let me urge the ban on hard liquor at all home games. And another thing, don't the Tiger's rooters realize what a tough schedule Ole Missou plays every year? And, don't the critics appreciate that Missouri seldom puts up a poor fight? The players reward is painful bruises, many sprains and often serious results.

Anyone who has played football these days can see the punishment the athletes have to take in each and every one of the 10 or 11 games played. Personally, I think anyone who goes out for college athletics deserves our gratitude and should be given every honor, whether winning or losing! And this includes the coaching staff, who have done such a capable job.

Let us really give our athletes in all sports and the entire coaching staff our support and we will win our share of all games.

Edward Anson Sprague, BJ '14
St. Louis

new job
award achievement
promotion retirement
Wedding TRANSFER
BOOKS DEATH honorary prizes

What's new with You?
Every issue of
MISSOURI ALUMNUS
has news about your classmates. They want to read about you, too! When you have news, send it promptly to:

Class Notes Editor
Missouri Alumnus
602 Clark Hall
Columbia, Mo. 65201

News From the Association

Executive committee, district directors plan county renewal



Members of the Alumni Association's Executive Committee and district directors who attended the planning session were, standing, left to right, Bill Symon, Warren Plumb, Bill Phillips, Jim Heitmeyer, Bruce Loewen-

berg, Tom Schultz and John Booth; sitting, Charles Noel, Charlie Chander, Tom Warden, Jerry Tiemann, Barbara Moore and Doris England. The group chose 23 counties as special targets for activity improvement.

Missouri district directors met with members of the Alumni Association's Executive Committee Feb. 12 in Columbia to map plans for improving the county alumni chapter structure in Missouri.

Five specific tasks have been assigned to each county's executive committee to perform during 1977. These are:

- (1) increasing dues-paying membership by 20 percent;
- (2) personally welcoming new members into the Alumni Association and seeking their active involvement in chapter activities;
- (3) reviewing and revising alumni address lists;
- (4) sponsoring a National Merit Scholarship (\$250) or otherwise making a contribution to this scholarship fund; and
- (5) appointing an individual to serve as the chapter's Class Note representative to the *Missouri Alumnus*. This person will read the local newspapers for news about alumni and pass along this information to the *Alumnus* staff.

In order to provide better service to active chapters, the Alumni Office staff will concentrate on servicing those

chapters which have been designated "Charter Chapters," ones who have formed an executive committee and drafted a set of chapter bylaws.

Nine chapters now are chartered: Andrew, Buchanan, Caldwell, Putnam, Carroll, Chariton, Greene and the Kansas City and St. Louis Clubs. Eleven other counties have formed executive committees: Cape Girardeau, Cedar, Clinton, Cole, Crawford, Dunklin, Gasconade, Grundy, Livingston, Platte and St. Charles.

Charter chapters also receive points toward becoming Honor Chapters. The executive committees of each Honor Chapter will be recognized at the Homecoming luncheon October 22, 1977, and attend the Mizzou-Kansas State football game as the guests of the Alumni Association.

At the Feb. 12 meeting, 23 counties also were targeted for special organization and activity emphasis. Target counties were chosen primarily for their potential. They are: District I, Clay and Buchanan; District II,

Livingston and Grundy; District III, Marion and Adair; District IV, Saline and Carroll; District V, Cole and Boone; District VI, St. Charles and Audrain; District VIII, Johnson and Vernon; District IX, Pettis and Miller; District X, Phelps and Franklin; District XII, Jasper; District XIII, Greene and Howell; District XIV, Cape Girardeau and Scott.

Homecoming 77 to feature king contest as well as traditional queen race

A king, as well as the traditional queen, will be crowned at Homecoming '77, Oct. 22. Last year, a group of male law students threatened to enter the queen contest based on the equal-opportunity laws.

Alumni Center opening delayed

Problems with the heating/air conditioning unit at the Alumni Center have delayed its acceptance by the University. The rooftop unit is noisy, and heat is not being distributed evenly

throughout the building. However, the architect, contractor, subcontractors and suppliers are working on the matter; and it is hoped that the building soon will be ready for alumni use.

Tiger tennis tourney for women's athletics set for May 7 in Sikeston

The first Tiger Tennis Tournament will be May 7 in Sikeston. Plans are being made by Judy Bowman, a member of the Alumni Association's Committee on Women's Athletics and alumnae representative to the Campus Intercollegiate Athletic Committee.

A donation to the Southeast Missouri Scholarship Fund for women athletes is being requested from those participating.

The tournament will be followed by a cocktail party and light buffet.

To request an invitation, or for more information, call Judy Bowman at 471-2148 in Sikeston.

Alumni activities bring together thousands of Mizzou's friends

More than 2,000 persons participated in various alumni activities during January and February--and that's not including the standing-room-only crowd of 11,000 who attended what was termed as the "best performance ever" by Marching Mizzou Feb. 20 in Kiel Auditorium. The annual scholarship concert is sponsored by the St. Louis Alumni Club and Carondelet Savings and Loan.

The first Mizzou alumni meeting ever was held Feb. 17 in the Bloomington-Normal, Ill., area. Steve Roszell, director of alumni activities, told the group "What's new at Ol' Mizzou."

More than 110 alumni and friends attended an alumni meeting devoted to many interests Feb. 25 in Cape Girardeau. The gathering heard

Lake of the Ozarks district alumni meet



Among the 52 persons attending District IX meeting at Tan-Tar-A on the Lake of the Ozarks were, left to right, Mike Skain, student board member; Tom Schultz, Association vice president; Gordon Drake, Benton County chairman; Hugh Corry, Laclede County chairman; John Caine, Miller County chairman; Ollie Trittler, District IX director; and Scott Nelson, another student board member.

Last chance for Pubs, Picadilly Circus, Parliament

Tourin' Tigers LONDON HOLIDAY May 20 - 28

Everybody wants to go! More than 200 people have signed up already.
Only 40 spots left. This will be an All-Mizzou tour!

\$470.35 per person
by jet from St. Louis,
Indianapolis; stay at
the Royal Kensington Hotel;
many extras including
Windsor Castle tour



Reservation deadline April 20, 1977
Send for special brochure today
Tourin' Tigers
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Columbia, Mo. 65201

Plan now to join the
Tourin' Tigers
for

Scandinavian Escapades - August 7-18

Trans-Canal Cruise January 28-February 11

Mizzou Town Meeting

FOR ALL ST. LOUIS AREA ALUMNI AND FRIENDS
APRIL 7, 1977 — THE MARIOTT HOTEL
AT THE AIRPORT

A unique opportunity to sample a smorgasbord
of interests and activities of Ol' Mizzou

Meet Interim President Jim Olson,
Chancellor Herb Schooling,
deans, athletic officials

Enjoy Tiger music and film shorts

Visit with other alumni and hear about the activities
of the St. Louis alumni club

Become a part of the Mizzou Action

Cash bar

6:30 p.m.

Hors d'oeuvres



Plan now
to attend this
open house

remarks from Interim President James Olson, Columbia Campus Vice Chancellor Walter Daniel, Provost for Health Affairs Joseph White and Law Dean Willard Eckhardt. They also viewed a football film featuring highlights of the 1960, 1966 and 1969 Tiger teams.

Other activities and the number participating included: Washington, D. C. club reception, 150; St. Louis Club skating party, 140; Carroll-Chariton Counties basketball trips, 187; Ag District meeting, Dexter, 135; and District IV meeting, Marshall, 90.

Association membership climbs to all-time high

Dues-paying membership in the Alumni Association climbed to 17,390 last month, an all-time high. This compares to 15,170 members a year ago. There were increases in all categories--annual and life memberships--although most of the increase is due to a greater number of \$2 spouse memberships. A dollar of each membership, including the spouse variety, goes directly to the divisional alumni organization involved. The Membership Committee membership's goal is 18,000 members by July 1.

Alumnus carrying ads again

The back cover of this issue of the Missouri Alumnus marks the magazine's first venture into commercial advertising for the past 10 years. Then, ads were abandoned because they were costing more to produce than the Alumnus was receiving for them.

At the last meeting of the Communications Committee, the alumni group that directs the Alumnus' operation, it was decided to offer four-color advertising on the back cover if the ads were "profitable and classy." The Alumnus staff thinks that this month's advertisement meets both requirements.

Legislative leadership day

More than 100 alumni from the four campuses and their guests attended the third annual Legislative Leadership Day Feb. 22 in Jefferson City. More than 175 persons--including members of the House and Senate Appropriations and Education Committees--attended the dinner that evening. The legislators were hosted by alumni from their local areas.

Interim President James Olson spoke to the group--and fielded questions--during the morning session. In the afternoon, the alumni divided themselves into special-interest groups and discussed one of four topics: energy supply and use, urban problem solving, agricultural research and health care services and delivery.

The event is sponsored by the Alumni Alliance, made up of representatives from the four campus alumni associations.

CONSIDER A LIFE!

When it's time to renew your membership in the Alumni Association, think about taking a Life Membership. It's only \$200. And, you can pay for the Life Membership in \$35 annual installments.

Life Membership is a good investment

- * In your Alumni Association
- * In the continuing relationship between you and Ol' Mizzou
- * As a hedge against inflation

1800 of your fellow alumni already have life memberships

More than 150 new life members came aboard during the past year

Since the last issue of the *Missouri Alumnus*, 45 others have become life members. We congratulate them.

Alumni joining the Association as Life Members since mid-November 1976, include the following:

Edward Abraham, Arts '57, Newport Beach, Calif.
Howard Abramson, BS BA '60, Overland Park, Kan.
Harold Ballmann, BJ '57, Westlake Village, Calif.
Richard E. Caplinger, BS BA '56, Jefferson City
Bill Richard Cato, BS Agr '61, DVM '61, Jonesboro, Ark.
C.H. Chalender, BS BA '56, and Phyllis Tiemann Chalender, BS Ed '55, Springfield, Mo.
Earl Chappell, AB '49, Wichita, Kan.
Michael B. Clark, AB '68, AM '70, and Virginia Begany Clark, BS Ed '69, Manchester, Mo.
Michael S. Clarke, MD '69, and Katherine Hawkins Clarke, AB '67, Springfield, Mo.
Paula Dorris Collins, A&S '51, Macon, Mo.
Michael Alan Cook, BS CE '73, and Carol Ruck Cook, BS Nur '73, Manchester, Mo.
Leslie G. Delong Jr., BS EE '73, MS '74, Lakewood, Calif.
Ronald Lee Dupree, BS ME '71, Washington, Ill.
Elizabeth Barton Evans, BS Ed '54, Lima, Ohio
Dennis Fitzgerald, BS BA '67, St. Louis
Ed C. Gerker, BS Agr '47, and Virginia Brunner Gerker, Arts '43, Creve Coeur, Mo.
John A. Glaser, BS Agr '73, Sullivan, Mo.
Larry Goetz, AB '58, and Mrs. Goetz, Creston, Iowa
William K. Halliburton, BS BA '54, St. Louis
Barbara Weber Hehmeyer, BJ '69, St. Louis
Katherine Reeves Jean, BS Ed '53, Magnolia, Ark.
Gale Owen Jones, Grad '59, Kansas City
Donald E. Kuenzi, AB '50, BS Med '51, Kansas City
A. Dale Miller, BJ '30, and Mrs. Miller, Washington, D.C.
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Dennis Viehland, AB '75, and Mary Beth Hass Viehland, BJ '75, Columbia
Maurice Wichmann, Arts '52, and Susan Schwedtmann Wichmann, BS HE '62, St. Louis
Ruth Zitzmann, M Ed '70, St. Louis

Why Don't You Consider a Life, too?

The Alumni Association of the University of Missouri-Columbia
312 Jesse Hall, Columbia, Missouri 65201

CALENDAR Coming events of special interest to alumni

March 22, Ag Alumni District 19 meeting, Flat River.
March 23, Ag Alumni District 8 meeting, Warrensburg.
March 25-26, Home Economics Alumni & Friends Weekend, Columbia.
March 31, Veterinary Medicine Complex dedication, Columbia.
April 2, Education Alumni awards banquet, Columbia.
April 2-9, Engineer's Week, Columbia.
April 8, Engineering Honor Awards banquet, Columbia.
April 9, Engineering Alumni meeting, luncheon, Columbia.
April 9, outdoor track, Kansas State, Columbia.
April 12-15, Journalism Week, Columbia.
April 15, Journalism Banquet, Columbia.

April 15, Medical Alumni luncheon at Missouri State Medical Association meeting, St. Louis.
April 16, Alumni Association Communications Committee meeting, Columbia.
April 16, Nursing Alumni workshop, luncheon, Columbia.
April 16, Student Foundation annual bike race, Campus streets.
April 19, Medical Alumni cocktails at American College of Physicians meeting, Dallas.
April 21, Alumnae Anniversary Award reception, Columbia.
April 23, Law Day, Columbia.
April 23, St. Louis Engineering Alumni social event, St. Louis.
April 28, Kansas City Engineering Alumni banquet, Kansas City.

April 30, Alumni Association Board of Directors meeting, Columbia.
April 30, Black & Gold football game, Columbia.
April 30, V-Club meeting, Columbia.
May 1, Women's Athletics awards banquet, Columbia.
May 1, Alumni Association Committee on Women's Athletics meeting, Columbia.
May 6, Jefferson Club dinner, Columbia.
May 6-7, Alumni Alliance spring meeting, St. Louis.
May 7, Development Fund Board meeting, Columbia.
May 7, Tiger Tennis Tournament, Sikeston.
May 7, Library and Information Science Alumni meeting and banquet, Columbia.
May 19, Biology Centennial banquet, Columbia.
May 20-28, Tourin' Tigers/London Holiday.

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An incorporated organization of graduates and former students.

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MISSOURI ALUMNUS

The official publication of the Alumni Association of the University of Missouri-Columbia

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MizzouRah!



First Place Award

Best Magazine
UNIVERSITY OF MISSOURI
COLUMBIA
1976



1976

ALUMNUS WINS FIRST PLACE.

The *Missouri Alumnus* magazine was named overall winner in alumni publications and also won first place as the best alumni magazine in the nine-state district at the recent conference of the Council for Advancement and Support of Education.

Earlier, *The Ragan Report*, a weekly newsletter for communications executives throughout the U.S., had called the *Alumnus*, "one of the brightest and most readable of the various alumni publications."

MIZZOU SERVES WOMEN. A

1976 survey by the American Association of University Woman (AAUW) shows that Mizzou is a leader in the state in educational services for women.

The Campus offers group counseling for women, assertive training, academic programs in women's studies, intramural and intercollegiate sports with scholarships, special library and

NATIONAL ATTENTION FOCUSES ON KIDNEY RESEARCH.

Several advances are being made at the Medical Center in the treatment of patients with kidney failure.

Traditionally, the treatment has involved an artificial kidney machine, through which blood is circulated and cleaned. That process takes four to six hours three times a week and costs about \$25,000 a year for the in-hospital treatment.

A less-known treatment is peritoneal dialysis, now used by only about 300 people. It involves filling and draining the peritoneal cavity in the abdomen repeatedly with dialysis solution. It can be done three times a week for about 10 hours while the patient sleeps.

Dr. Karl D. Nolph, director of nephrology at the Medical Center, and Dr. Robert P. Popovich at the University of Texas are working on a new technique called steady-state peritoneal dialysis.

Two patients at the Med Center are among only five people in the world being treated using the new technique. They spend about 30 minutes pumping solution into their peritoneal cavities and then are free to go about their lives for the next three or four hours, when the process must be repeated. This process can be done by the patient at home and for only a fraction of the cost of other methods.

Nolph also is working to reduce the time dialysis takes by using vasodilators, a group of drugs, that can increase the rate of peritoneal dialysis as much as 200 percent, by increasing the size and number of capillaries exposed to dialysis solution in the peritoneal cavity.

"Implications of this discovery have focused national attention on our research," Nolph says. "The National Institutes of Health is supporting studies into the biology of this event and the ways it may be incorporated into the development of an improved method of dialysis for patients."

New research, coordinated with the clinical studies, is now assessing the effects of the vasodilators on the microcirculation of the rat.

occupational collections as resources, Women's Center, health and placement services for women and a rape crisis center. The programs serve not only women students, but faculty, staff and women from the community.

alumni activities and related publications' programs on Campus, Entsminger also recently has been assigned additional duties as the University of Missouri's liaison to state government.

ENTSMINGER RECEIVES

SERVICE AWARD. G. H. (Bus) Entsminger, vice chancellor of alumni relations and development, was recognized for his more than 25 years of service to the alumni movement with the 1976 Distinguished Service Award at the recent district conference of the Council for Advancement and Support of Education. The award was given for "unusual professional competence and outstanding achievement."

Besides directing the fund-raising,

This page is for the good news.

The Missouri Alumnus continues to run some good news—and some bad news—on other pages, of course. But the inside back cover is reserved for items that should make you proud of Ol' Mizzou.

Come play with us!

Sailing is just one of the many things to do at Lake of the Ozarks. For over 40 years we've been part of life in Missouri. The good life. If you haven't made us part of your life, do it this year. Come and play with us . . .

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