

Missouri Alumnus

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NOVEMBER-DECEMBER 1978

CAMPUS SPIRIT
COLLEGETOWN USA
SWING '37/DISCO '78
THE NEW PROFESSORS
WOODS, WILDLIFE & WISDOM
THE STUDENT VOICE

WHAT UEHLING
WANTS FOR
MIZZOU



The source for much of the Campus spirit comes from Marching Mizzou, 300 students strong. See "Saturday Afternoon Fever."



COVER

Barbara Uehling led Marching Mizzou as part of a special show welcoming the new chancellor during halftime of the first home football game. She also is directing the Campus. See page 8.

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COLLEGETOWN/USA

Landlords and Waterbeds. Burger Battle. Bomb Boo-Boo. Status Symbol. Town Meets Gown. Fermenting Gripes. Animal House. Dancin' and Prancin'. Stickers Be Gone. Statue Controversy. Skater Aid. The Missouri is 50.

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MIZZOU RAH!

University gets one-of-a-kind lab. Informational science programs rank first. Rusk Rehab Center draws large grants. Football players do well as students.

College Town USA

now,
it can be
told.

With this issue, the *Missouri Alumnus* is 66 years old. We hadn't planned to say much about the birthday. But with the Board of Curators extending the mandatory retirement age from 65 to 70 at its October meeting, it seems safer to talk about longevity. The *Alumnus* has been around longer — and with no interruption in its publication schedule — than most magazines, alumni or consumer. Until Jack Taylor (now well-known as Timothy Hays, the witty and venerable mayor of Whoopup), the magazine changed editors about as often as some schools change football coaches. Former editors include Mary Paxton Keeley, the first woman J-School graduate, and the late Bill Bickley, who went on to be a revered professor at the school. But regardless of its editor, the *Alumnus* has demonstrated — and reflected — a great stability over the years. The magazine reflects the stability and worth of a great institution. And it reflects the stability of a loyal alumni body that has consistently cared about its alma mater. The student constituency is ever changing. Administrators and faculty move on. But the alumni remain as a constant source of support. — Steve Shinn

LANDLORDS VS WATERBEDS



Landlords are leery of waterbeds. It's the weight of the H₂O that worries them: like what 2,000 pounds might do to the floor joists, for example.

If they ever had any enthusiasm for what once was the student's cheap alternative to mattress 'n springs, it's been dampened by soggy carpets and saggy floors. Now that waterbeds—and their prices—have come up in the world, aqua entrepreneurs have safety liners to stop leaks and heaters to halt condensation.

Still, a *Columbia Missourian* survey of 22 apartment complexes turned up only seven takers, and five of them said "first floor only."

TOWN MEETS GOWN

It was a first for Columbia. On a late summer day, the local Chamber of Commerce hosted a picnic to welcome the new faculty of the University, Stephens and Columbia colleges.

The chamber heard of other communities planning similar welcomes when members attended a conference of Big Eight cities last spring. "We wondered, 'Why not us!'" said the head of a local insurance group.

Seventy-five chamber members paid \$15 each to sponsor the event.

SKATER AID

Columbians came up with almost \$40,000 late this summer to insure that the financially troubled Ice Chalet would open this fall. A California businessman bought the facility for a reported \$850,000, but the bank required that \$40,000 be deposited up front to guarantee a full year's operation—thus the unusual public appeal for private enterprise. Among the groups using the rink is the Campus' Mizzou Hockey Club.

STONY SOJOURN



Tom Reese/Maneater

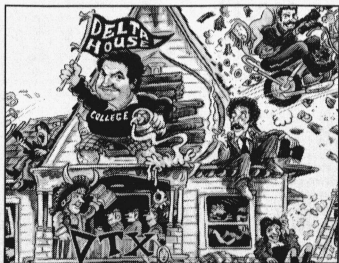
Bob Heller has rocks in his head.

The St. Louis geology major and Simon, his Labrador retriever, spent eight weeks identifying and mapping rock formations in Wyoming's Wind River Mountains last summer.

Their backpacking adventure took them above the 10,600-foot timberline in Shoshone National Forest, where Heller worked on his project to assist a master's degree candidate. Meantime, Si chased deer, went trout fishing and even caught a few porcupine needles in his nose.

Since their return, neither Heller nor his backpack companion have been too hungry for granola bars or GORP, a combination of granola, oats, raisins and peanuts. The travelers ate a lot of it.

MIZZOU'S LOSS OREGON'S GAIN



It's crude, rude and lewd, but they love it in Columbia and across the country.

National Lampoon's "Animal House," the raucous spoof of fraternity life in the early '60s, used the University of Oregon as a backdrop for fictional Faber College. But it could have been Mizzou, a fact student and town newspapers resurrected this fall when the movie opened downtown — with some criti-

cism of Campus officials and Greek leaders for denying Universal Studios permission to film, it might be noted.

The University of Oregon got \$20,000 for the use of its campus and estimated the studio and crew spent more than \$5 million in the Eugene area.

No criticism from alumni has been received. *The Chronicle of Higher Education* reported.

DANCIN' and PRANCIN'

Mizzou's Golden Girls do double duty some weekends during football season, since they also perform their fancy footwork on Sundays for the fans of St. Louis Cardinal football. It's gold sequins on Saturdays, switching to red body suits, white bib shorts and boots on Sundays.

Participation in the Big Red Line is "strictly optional," Golden Girls coordinator

Patty Kespohl says of the arrangement worked out three years ago with KMOX radio and Cardinal football owner Bill Bidwill. The radio station sponsors the Big Red Line and pays all expenses.

There's more action in St. Louis, says Kespohl, because the group puts on a pre-game show and a half-time performance, besides leading cheers.

STICKERS BE GONE

It looks like city vehicle stickers are about to come unglued from the list of classic complaints students have about Columbia.

The city council has voted to eliminate the annual sticker collections—about \$120,000—from anticipated revenue. It's the first step toward eliminating the tax which students have to pay if vehicles are registered in their own names.

The vote of sociology department chairman and new council member Ed Vaughn broke a tie on the issue, which had deadlocked 3-3 a week earlier when he could not attend.

The council also okayed a discount bus pass for college students. For a buck a week, students can ride the bus as much as they want. Normal fare is two bits.

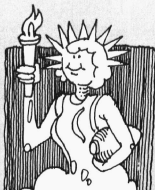
BURGER BATTLE



There's nothing like good old-fashioned competition.

Hamburger sales at the Bengal Lair dropped by \$200 in the first two weeks after McDonald's opened under the M-Store. A price cut seemed in order: the Lair's basic burger went down four cents and its cheeseburger, nine cents. Both items now match the prices across the street, and Mizzou's food service manager Ken Applegate says sales at the Lair are nearing pre-McDonald's levels.

La Colomba in Columbia?



"La Colomba" means the dove, but the winning sculpture chosen for the Guitar Street area...where artist George Caleb Bingham once worked...has not brought universal peace to Columbia.

Peter Chinni, the 50-year-old New Yorker who won the \$40,000 first-prize money, says his abstract work depicts a bird in flight. "It's forward-moving, soaring quality may be compared to the spirit of a progressive city," he said.

Most vocal critic has been Jack Matthews, former dean of students at Mizzou. Matthews called all three finalists in the competition too modern for Columbia's taste in art.

"How those sculptures express the spirit and essence of Columbia is beyond my total comprehension," he said.

Carolyn Waters, a member of the Columbia Arts Commission said the finalists were selected from 53 contestants after almost a year of study. "The only way we could have pleased everyone was to have the Statue of Liberty with a Boone County ham under her arm."

A STAR IS BORN, SHE HOPES



Columbia Missouri

Senior Marilyn Terschluse isn't waiting until graduation to start the career she hopes to have in the entertainment business. The 21-year-old St. Louisian plays the female lead in "Summer Camp," a movie she describes as a combination of "M.A.S.H." and "Bad News Bears." Terschluse is a head counselor in PG-rated "Summer Camp," scheduled for spring release.

Earlier she had a non-verbal part as a sexy secretary in "A Pleasure Doing Business," and it led to her more recent role. "Pleasure" should be in theaters at Christmastime. Both films were shot in St. Louis.

BOMB BOO—BOO

A supposedly secret seminar on how to detect and diffuse bombs fizzled this fall when one of the local newspapers announced the conference. The seminar inadvertently was listed on a news bulletin sent out by the University.

Sponsors cancelled the seminar after the publicity

IT'S ALIVE AND WINKING



Leave it to behavioral scientists to figure out how and why we flirt. Some claim a person can't help putting out non-verbal signals to someone appealing. Others call it a culturally defined, conditioned response. Translation: science aside, people flirt. A lot.

Wayne Anderson, a human sexuality researcher at Mizzou, thinks flirting "is definitely an innate response designed to attract the opposite sex."

There are even "how to flirt effectively" lists floating around—one for men and one for women, of course, even though some tips apply to both genders: such as long glances with lots of unbroken eye contact. If your eyesight is good enough, check out the size of your target's pupils. They'll dilate if the eyes like what they see.

because "there are too many weird folks out there."

X-ray detection, short circuiting and a special section on letter bombs were to have been part of the conference, the first of its kind in Missouri—and, according to the organizers, the last one the public will know about before it occurs.

BACK IN ONE DORM

The pocketbook pinch is helping make dorm life more attractive, even for upperclassmen. Dormies get by for about \$155 for monthly room and board these days, while the student housing office estimates off-Campus students pay an average \$175 a month for rent, utilities, transportation and food. The tab can be considerably more if you live in one of Columbia's more posh apartments. And the 12-month lease trap hurts too, when students can't find somebody to sublease for the summer.

Alan Read, a 23-year-old graduate student, moved back into a dorm after a summer's worth of apartment living. Alan told the *Maneater* that he finds the social aspect of dorm life the most appealing. "I like it because you can mingle every day. I really enjoy the activities in the dorm, like picnics and parties," he says. "I like meeting people—I'm an extrovert. I can't see going away to school and living off-campus and missing all that interaction."

Mizzou residence halls are filled nearly to their 6,500 capacity again this fall. Everybody who wanted to live on-Campus eventually got a space, even though some had to make other arrangements temporarily. Columbians again opened their homes in response to a campaign for temporary housing.

FERMENTING GRIPES

Campus Digest, a student newspaper circulated on Mizzou's campus since 1974, has a "Gripes of Wrath" column this fall. It's trying to answer questions about a whole bunch of things, including the thinly veiled gripes of the student vs. the system.

The alternative to the *Maneater* gets its share of letters voicing student complaints, and from them, the column was born. Editor Donna House says sometimes the questions are a little slow coming in. "When that happens, we just ask around the staff here, and there's usually enough," she says.

SOUTH OF THE BROADWAY



Not put off by six other Mexican restaurants in Columbia, a former delicatessen owner has opened a seventh. Herb Taylor hopes "Los Bandidos" (The Bandits) will capture a rewarding share of those hungry for that south-of-the-border taste, since most of the other Mexican places are the fast-food variety.

Taylor remodeled a former filling station on eighth street, just a stone's throw from Campus for his new venture.

RIDE 'EM COWPERSON



Michele Amendola/Columbia Missourian

Cowpokes of both genders stirred up plenty of dust at this fall's third annual Intercollegiate Rodeo in Columbia. Teams from six states came for the three-day event, hosted by the University Rodeo Club. It was all there... barrel racing, bull riding, goat tying and bronco busting.

Mizzou women took top

MISSOURI THEATER CELEBRATES 50 YEARS

Some 300 persons munched on cake and punch and then watched "The Sound of Music" as the Missouri Theater, on Ninth Street just north of the Campus celebrated its 50th birthday August on Oct. 5.

A 1928 *Columbia Missourian* article promised that "The magnificent splendor of this palace will dazzle and thrill you." The capacity opening night crowd saw "Steamboat Bill Jr.," starring Buster Kea-

lors for women's teams. Phyllis Crouse, a University junior who is this year's All-Around Cowgirl for the Intercollegiate Rodeo Association's Ozark region, won the goat-tying competition. Jumping off a horse, throwing her goat to the ground and tying up three of its legs is her favorite event because "I'm better at it," she says.

ton. During the opening week, Bob Hope appeared as a dancer in a vaudeville show's chorus line.

The 1928 ticket prices were 25 to 35 cents for adults and a dime for children. Today's prices are \$3 for adults and \$1.25 for children.

But theater manager Dean McMillen said that the "real significance of the celebration is that few businesses in Columbia have been around for 50 years."

DOUGH FOR H₂O

No more free water or ice at Brady Commons or the Union. Unless you're plunking down some money for something else, it'll cost you a nickel.

Food Service Manager Ken Applegate says the charge "is actually reinstating an old policy we'd turned our backs on for a year or so."

Abuse of the honor system for self-serve soft drinks helped Applegate make up his mind. "If they say it's water and not 7-Up, who's to say any different?"

STATUS SYMBOL

A quarter of a million can buy a lot of emptied waste baskets and cleaned desk tops. That's how much the University is saving this year by letting attrition shrink the Campus custodial force by 30. Classrooms, labs, "common use areas" and private offices of faculty department chairmen or those with higher rank get daily service. The rest must settle for every-other-day attention.

The economy move hasn't come about without some grumbling. It seems the contents of a "trash memo" were a bit slow trickling down to the lower echelons. And some of the more prolific waste paper generators have taken to dumping their own trash.

The custodial budget cut is part of a larger reduction the University built into its '78-'79 appropriations request to help convince the state legislature it was serious about sacrificing to get a larger amount for salaries.

CUPS RUNNETH OVER



Enough's enough, the fire department said this fall. It's handing out occupancy limit posters to bars and asking them to hold the line on crowds for safety's sake. Prime targets are popular student watering holes like Harpo's, the Stein, Bullwinkles and Deja Vu.

Thirsty crowds fill the downtown bars to overflowing, especially after Tiger home games and on weekend nights. Local authorities want to avoid any disasters like last year's fire in a Kentucky supper club.

Just your basic crowded bar wouldn't be enough to go over the occupancy limit, says fire inspector Frank Barfield. "It would be to the point where you couldn't even walk through," he says.

Kevin Gill, an owner of Bullwinkles, says 400 is tops for his place. "If I thought we had too many, we'd just have to run 'em out until we were down to 400," he says.

UEHLING AT MIZZOU:

Barbara Uehling has been in office about 100 days. That's one of the traditional times to stop and take a look at a new administration. First of all, make no mistake about it: The new chancellor is in charge. The fact that the leader of the Columbia Campus is a woman already is fading into the background. It isn't uncommon for members of her staff to call her "Sir."

Much beyond that, Barbara Uehling has proved to be a good listener in her first three months at Mizzou. She be-

lieves that is one of the best ways she can get a handle on the job, one of the best means to help her set priorities. "I've done a great deal of listening to what people think the issues are," she says, "and I've tried to identify the people who will know something about them. I try to listen to more than one side of a particular issue. Obviously, some very important people for me are the immediate administrators with whom I work at the University, and so I've spent a lot of time getting to



THE FIRST 100 DAYS

By Steve Shinn

know them and how they feel about things, what the issues are and what their concerns are.”

But Uehling also has met with students and faculty and department heads. She has hosted wine-and-cheese receptions in her home on Campus for members of middle management. She met with the deans in an intensive retreat at the Lake of the Ozarks. She has weekly conferences with the media. She broke bread with 500 folks at the annual Town-and-Country dinner sponsored by the Columbia

Chamber of Commerce at the Craig McBride farm near Harrisburg. She has traveled the state speaking to various civic groups. And Barbara Uehling has met with alumni, literally hundreds of them. She has participated in executive committee meetings of both the Alumni Association and the Development Fund. She moved from table to table visiting with most of the 750 persons who attended the Missouri alumni rally at Notre Dame. She's been to meetings in Cole, Carroll, and Greene counties, and, of course,



to St. Louis and Kansas City. It's fair to say that the alumni have liked her. They have found her interested and interesting, receptive and articulate, intelligent and warm. The first impression has been good.

Back on Campus, the adjective, "warm," isn't always used. Some have termed Uehling courteous, but cool. Of course, for a male the terms might be pleasant, but businesslike. Everyone agrees that she works hard herself and demands performance from those who work around her. Everyone agrees that she seems to be a quick study — and decisive in tackling problems.

“This is an even better place than I thought it was, and I thought very highly of it before I came.”

What has Uehling found in all this listening and study? “The University of Missouri-Columbia is an even better place than I thought it was, and I thought very highly of it before I came.”

Her initial feeling about Mizzou came about largely because of her visits with the search committee, the group screening the applicants for chancellor. “That search committee was the best I’ve ever known,” says Uehling. “The interviews were handled so well and with such dignity. I didn’t think I was going to be interested in moving. I’d only been at Oklahoma [as provost] two years and certainly wasn’t out seeking jobs. But someone told me that Missouri was a place with good potential and that I really ought to look at it; so I agreed to come and talk with the committee. I came away from that first day with a sense that the faculty members were ready to do some new and different things, that they had some feeling of their own quality. I found a kind of excitement. I think I got a good picture.”

Uehling cites her on-site visits to various departments as reinforcing this view. “By Friday afternoon, I’m usually tired — as you can imagine — but one particular Friday night I went home just ecstatic, because I had visited the Medical Center on Thursday and the Ag School the next day. At the hospital I had seen things like facilities for open-heart surgery. I’d seen the Burn Center, where patients are getting a great deal of help. I’d seen the Rusk Rehabilitation Center, which is a very fine unit that involves every facet of what we’re about: teaching, research and service.

“In agriculture, I saw some research by Mike Chippendale. He was doing surgery on insects. And not only did he have a great lab, but it was so well organized. There was a

kind of vitality about him. He’s working on something that will affect the dormancy stage of insects as a means of insect control. It is a program that will benefit all of us. And that’s just one example in agriculture.

“I’ve met with three external advisory committees so far: Agronomy, Engineering, and B & PA. For the most part, they’re made up of alumni, but these people are involved in their professions also, and are very highly placed in them. They exhibit an enthusiasm, a dedication, a willingness to work, and a pride in the University that I find very gratifying.”

The point that Uehling makes is that Mizzou is better than its reputation, which she describes as “a good Big Eight institution, not at the top, maybe, but near the top.” And a “good” Big Eight university is generally perceived to be a notch or two below a “good” Big Ten university. She wants to change that image.

But besides the many strengths, Uehling also found what she calls, “opportunities.” That’s probably a euphemism for some things she didn’t like, things that can be improved.

“I’m very interested in planning and looking to the future in a positive sense. I think we’ve got to look ahead to some institutional questions. How do we free resources for faculty and staff development, and what should those programs be like? Should we have policies that enable us to set aside some of our resources for physical plant maintenance? Should we construct new buildings or renovate the ones we have? What should an undergraduate curriculum look like in 1985 or 1990? What’s the role of the professional school in the future? Of graduate education? Are there new constituencies of students we should be thinking about? I think what we’re going to come up with as much as anything is a clear understanding of the things that we value. And from that we can deduce what we should be about in the future.”

Uehling already has announced that she will appoint two new planning groups: an Institutional Futures Committee and an Academic Futures Committee. She hopes to get “a good planning effort really under way” this year. And she hopes to have her administrative reorganization accomplished by the end of the year, “if not people in place, at least the structure completed.” Internal organization is not a topic that particularly interests alumni, perhaps, but it is the subject of considerable conversation —

“I’ve done a great deal of listening to what people think the issues are.”

and some nervousness — on Campus. "Reorganization in itself is not a goal," Uehling says. "It's a vehicle to accomplish our institutional and academic goals."

Uehling herself can be expected to take a direct role in the financial aspects of the Campus. Her background indicates it, and the present cost-squeeze situation in which higher education finds itself dictates that chief administrative officers make budget a primary priority. Cost effectiveness is a phrase Uehling often uses.

She took an unpopular position with student groups when she came out in favor of the central administration's proposal that student fees be increased five percent next year to help meet increased funding requirements.

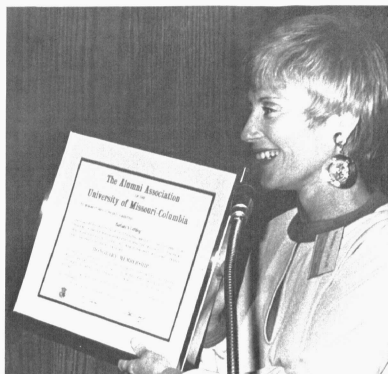
"I think that one of the most reasonable ways to think about student fees is in terms of what's a fair share of the total education cost for students to bear. It's a very difficult question because most of us in education would like to make fees as low as possible — I know I would. At one time there was a Carnegie Commission report that suggested that students should pay up to a third of the total cost. Most of us think a third is too high, and the new fee proposal would not mean that our students would be paying a third of the cost. What we are trying to do is to establish the students' equitable share of the cost of their education. I think the fee proposal addressed that somewhat."

"I'm very interested in planning and looking to the future in a positive sense."

To meet the 1979-80 budget requirements, the University will ask the General Assembly for an increase in state funding to go with the student fee hike. The rest of the total budget increase will be made up from internal reallocations, as has been true for the past several years.

Reallocation simply means that one area is cut back, and the resulting savings are transferred to another area. Money is transferred from one hand to the other. Heretofore, reallocations on the Columbia Campus worked like this: More money is needed for fuel and faculty salaries, for example. Each department was cut back across-the-board — say five percent each — to provide the funds.

Uehling does not favor the across-the-board reallocation approach. "I've made some reallocations in the past myself. I think there has to be a differential reallocation. We need to look at what programs are of most excellent quality, the programs in which we want to continue a leadership role. We ought to take pride in our J-School, for ex-



Barbara Uehling received an honorary membership in the Mizzou Alumni Association at the fall meeting of its Board of Directors.

ample, and there are other excellent programs that we should maintain. There are other programs which are, let us say, less meaty. And so we will have to make some differentials. We also will want to determine how well we compare in our findings with peer-group institutions. If we are saying that the J-School is a great place, then how well are we to fund it relative to the funding of j-schools at other institutions?"

As alumni well know, there's another place where funds can be acquired: the private sector. And Uehling intends to take an out-front role in development, to involve herself closely with alumni. "We need the top-level support we can get from outside," she says.

All the emphasis on budget is important, of course, only as it relates to the University's mission.

"I want to see our Campus be one in which the quality that is already here is widely recognized and understood — and one in which greater quality is produced. That's easy to say, because quality is a hard thing to identify, but I think we can do it. I think we can see evidence of quality in the research by our faculty members, the national recognition they are receiving, their impact on our students. We can see the quality of our graduates. When our alumni come back to Campus, when I see what they have become, I know that attests to the quality of this University. □

SWINGTIME

DISCO



By Karen Farrar

Back in 1937 — when the Big Apple was the nation's most popular dance, not its largest city — the *Missouri Alumnus* surveyed the dance scene at the University, comparing it to the fraternity and sorority bashes of 1910, “when swing is a one-step, and the hairdress of the moment is the pompadour. . . . There are no jelly joints to while away hours during the week; there are no motion pictures for Wednesday night dates. So the gay young blades and their lassies look forward to the Saturday night assembly, a dusk-to-dawn dance held in Stone’s Hall.”

“A campus queen today [1937],” the *Alumnus* reported, “hurries through the preliminary preparations of getting ready for a dance. Outlining a Joan Crawford mouth, she uses enough lipstick to last a 1910 girl for six months. If she has a corsage — and it’s a rare occasion — she pins the flowers in her hair or at her shoulder. She dashes down the stairs in answer to her date’s frantic bellow for her at the foot of the stairs. It may be 9:30 o’clock. The dances are scheduled for 9, but no dance is officially under way until the hordes of stags arrive.

“After exchanging greetings and leaving her wraps with the house mother (an innovation which made its appearance shortly after the war), her date claims her for his own and they start to force their way through the close-packed couples to see what kind of condition the orchestra is in.

"But they do not get a third of the way across the small floor before the boy feels a hearty slap on the back or else a firm hold on the arm, and he relinquishes his date with a 'See you later.' Unattached, he joins a group of stags standing in a corner and sizes up the girls milling around in the center, until one catches his eye and he taps her partner on the back. And so on and on. . . .

"The girls really have to take it in 1937. They must dance with all types and kinds of dancers under the stag system. They are on their feet constantly from the opening bars to 'Home Sweet Home.' The more successful a girl is, the more she or her escort is 'tagged.' Woe to any girl who dances around the room twice with the same partner. There is something wrong. It's either because her best friends won't tell her or else she just doesn't have that certain vital quality. She must keep up a steady stream of banter and wisecracks, for Missouri dances are noted for their conviviality. When the sorority lights blink for the last time emphatically, she is off for a night of hard-earned sleep.

"Orchestras are rarely imported. Nationally-known bands made famous by the radio and the movies are too rich for college purses. Dancers are content with the strains of orchestras composed of students who are working their way through college. Sometimes orchestras are brought in from surrounding towns as a novelty. But they are generally on a par with campus bands.

"Sometimes a house will splurge heavily on decorations. One house tries each year to create an open air garden scene on the dance floor. Members are assessed considerably to make a lower floor a picture of beauty and liveliness for the few short hours of the dance. An elaborate fountain with a pool of goldfish, soft, colored light, a canopy of stars hanging from the ceiling, real flowers of a wall trellis — all create the atmosphere. The basement is converted into a rock garden where couples stroll during intermission."

Now, almost 40 years later in the nearly-anything goes society of 1978, some will be happy to hear that, although Greek dances

are considerably changed, they still retain a measure of tradition.

Most sororities and fraternities hold three scheduled dance parties a year — in the spring and fall, and a winter formal. But, in between, fraternities (sorority houses do not allow the girls to serve liquor) initiate countless after-football-game parties and mid-week "mixers" or "exchanges," to which sorority coeds are invited. Favorite mid-week bashes are the "themes" parties, often costume affairs. "The Year 2,000," "Hollywood," a '50s party, square dance party, wine and cheese party, and a Red Light party (participants dressed as pimps and hookers) are some notables of recent years. Booze — usually kegs of beer — and local bands or disco or stereo music are the mainstays of these get-togethers.

Though girls on Campus are beginning to wear skirts again and, to their surprise, liking it, Greek dance dress attire is casual — simple blouses and shirts and still lots of bluejeans, though not "grubbies." Winter formal dances — with long dresses and suits — are the exception.

One would have to say that much of the formality characteristic of the '30s' parties has disappeared, as was evident at this fall's Monmouth Duo dance party, hosted by Pi Beta Phi and Kappa Kappa Gamma sororities.

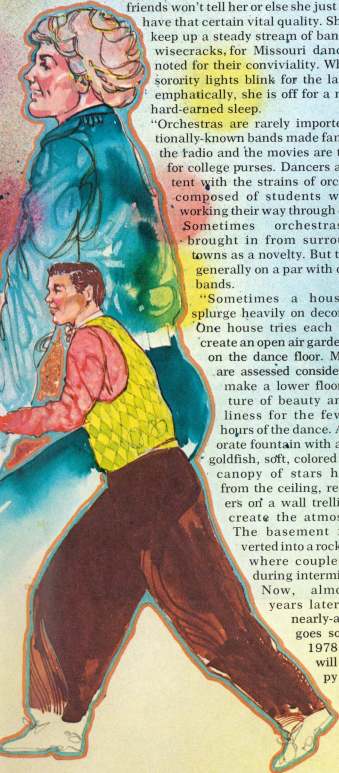
Monmouth Duo festivities begin on Saturday morning with a kidnapping of the girls — still in pajamas — of one sorority by the other sorority, followed by a breakfast (such as champagne and bagels) in one of the local parks. In the afternoon, it's time for the girls' dates to accompany them to a park for games like beerball (everyone must carry a can of something while they play softball), or to explore caves, or just romp. The parties then go in couples or groups to local restaurants for dinner, as food is not served at the evening dance. Party favors, which might be mugs, baseball caps, or gym shorts, are supplied by the girls for their dates.

Drinking, dancing, and mixing are the themes for the rest of the evening at one of the city's party barns, this year at the Road Apple on the edge of town. It's a bring-your-own booze affair for about 500 students, and on the tables surrounding the dance floor are a collection of ice chests filled with ice and beer large enough to insure that no one has to wonder where the next drink will come from.

On the dance floor, the current disco craze is translated by students, with blinking colored lights and booming disco music. Although some students take dance lessons, it's not necessary to know the latest steps to have a good time on the dance floor. The jitterbug of the swing era has made a comeback; other dancers do the low motion or the pretzel, a step accomplished by joining hands and rapidly twisting under the arms until the couple indeed resembles that knotted cracker. Some make up dance steps as they go, so that it's difficult to find two couples dancing alike. Everyone can dance, and does.

Although many couples still dance apart, there is more "touching" than during the "twist" dance fad. A slow dance is thrown in occasionally, and here the girl entwines her arms around her date's neck while he holds her closely around the waist. Some merely stand in this position, swaying to the music.

Wandering through the crowd, a party picture man snaps shots of parties in various clowning and acrobatic positions and, later, students select favorites for their memory books. They should hang on to these pictures. Their children may need some ideas for a '70s party. □



Faculty mobility isn't what it was a decade ago. Only about 100 of the approximately 1,700 instructors and assistant, associate and full professors who greeted Mizzou students this fall were new. But the new people seem to be a particularly strong group.

"To get the topnotch people, you have to compete pretty hard no matter what the field," says Provost for Academic Affairs Owen Koeppe. "The good ones are in demand, no doubt about that. If we want to get the best, we have to keep hold of what we have. Good people want to be around other good people."

Arts & Science Dean Armon Yanders agrees. "The flagship campus of the University should try for the best. Our faculty should represent the top six to 12 individuals in a given field." In a crowded field, selection sometimes means "an embarrassment of riches." In areas of demand, universities are competing against business and, increasingly, the federal government, Yanders says.

This year the Missouri General Assembly responded to University President James Olson's budget request with wage and salary improvements totaling about 8.6 percent. It was the best level in many years. And the legislators granted an additional \$1.4 million for "faculty quality improvement." All increases were to be given on the basis of merit.

The Columbia Campus' share of that \$1.4 million was just over \$587,000. Mizzou used part of that money to give extra increases to faculty already on board. About \$70,000 was plunked into important positions now vacant. And some was used to sweeten the offers made to new recruits, like the five featured here: people with something special to offer Mizzou and its students.

The New Professors

By Carol Baskin

BUSINESS IS BOOMING in the marketing department.

The number of majors at the bachelor's level has doubled in the last two years, from 150 to 300. Every class this fall is filled to room capacity. Several faculty members are on editorial boards of top marketing journals; two professors wrote a textbook widely used throughout the country. And this year, the department has its first endowed chair — the Bailey K. Howard World Book Chair in Marketing. It is occupied by 36-year-old Ben Enis, who left the University of Houston in Texas after succumbing to Mizzou recruiting efforts that began in 1976.

Widely published and recognized as one of the top marketing scholars in the country, Enis is considered top-grade in business education circles. The Howard chair was made possible by Field Enterprises Educational Corporation of Chicago, which pledged \$250,000 in 1975 in memory of the Missouri native who built World Book into a leader in the encyclopedia publishing field. Howard began exploring the subscription book field while attending Mizzou in the 1930s.

An endowed chair often goes to a scholar as the crowning touch to his or her academic career. Enis admires the University "for taking a gamble on me. Of course, I think they selected well, but I intend to work hard so they'll be sure they didn't make a mistake," he says, grinning. The chair carries more research responsibility than a regular faculty position, "but at heart, I am a teacher and I would never expect not to be in the classroom." The new professor chooses public university teaching because he says institutions like Missouri have good doctoral, MBA and BS programs. "Private schools often have only an MBA program, and I'm a country boy, not an elitist," he says in a drawl that combines his native "Lewysiana" and 11 years of Houston.

Enis' new employer "expects to see my name in print," and it will. The prolific author's newest textbook on marketing is used in the business school, and the galleys of type for its third edition are on his desk awaiting correction. A new book is scheduled for 1980 release, he has co-authored three other books and co-edited several marketing anthologies, and his published articles are numerous.

B&PA Dean Watson Dunn says the Howard chair "insures Enis a national reputation as a marketing scholar." The chair wasn't Mizzou's only appeal, says department chairman Kenneth Roering. "We have spent several years developing a nucleus of faculty that someone of this caliber would enjoy working with."

Ben Enis



THE UNIVERSITY'S "new" department of biochemistry is under construction, says chairman James Gaylor. Until a merger in 1974, both the College of Agriculture and the School of Medicine had their own sections. "We are now adding those people essential to developing a first rate department," says Gaylor, himself at Missouri only one year.

One of those people is Judy Wall, a PhD who is part of a team trying to learn some of Mother Nature's genetic secrets.

It is known that certain tiny organisms in the soil are able to change the nitrogen in the air into the form they need for growth. Wall's research concentrates on those organisms that accomplish this fertilizing work with the help of sunlight, the ultimate in cheap energy sources. Once the genetic secret is unlocked, says the 32-year-old assistant professor, the task will be "learning how to turn on the nitrogen production when I want to, and give it up for growing plants." Now, the growing shortage and cost of oil and natural gas is skyrocketing the price of nitrogen fertilizers farmers use to maximize crop yields.

After several years of post-doctoral research, Wall is pleased to be at the University "because of its history of excellence in genetics." Her appointment is through the College of Agriculture.

Biochemistry had three positions open for this academic year, and the department intentionally chose Wall and two others (Jeffery Robbins and Francis Schmidt) because they had the same research interests. "It's not a grand design by any means, but we're really hoping to collaborate with others on Campus," says Gaylor. "Getting people together with common research interests makes synergistic sense. They will inform and stimulate each other."

Wall came to the University in tandem with her husband, Jim, a new associate professor of management in the College of Business and Public Administration. The Walls, who had been at Indiana University, sought positions in the same institution, but they were recruited by their respective departments independently. Jim Wall, in fact, was offered a job first, before the biochemistry department knew of Judy Wall. With her research credentials, Judy Wall "could have gone to a number of places," says Koeppel, who was a biochemistry professor before moving to the provost's office. Hiring two Walls "was just one of those fortuitous things for the University," she says.

REFERRING to a professor as a "plum" perhaps would be more appropriate if his field were horticulture. Nonetheless, that's the description art department chairman Don Bartlett gives for its new graphic design professor, William Berry. "I'm amazed that we got him," says Bartlett, still sounding almost surprised. Berry, who spent the last three years as chairman of graphic design at Boston University's School of Visual Art, brings a national reputation as an illustrator and author to his new position. He responded to an advertisement last year in *The Chronicle of Higher Education*.

"I was attracted by the people I met when I came for the interview last spring," says Berry, 46. "I have met many people in the academic world, yet I was particularly impressed with the straightforwardness and honesty of Don Bartlett and Frank Stack [associate professor of art] when we discussed their interest in the school, my area, and improving the quality."

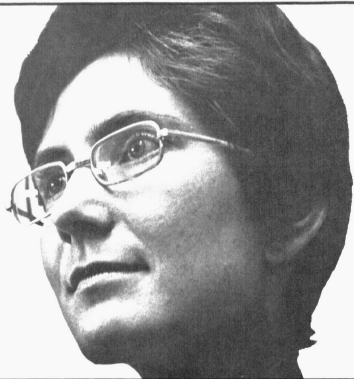
A university in a small city had its appeal too, even though Berry was fond of the East Coast. He likes riding his bicycle from his home in a wooded neighborhood to Campus. "While that's possible in Boston, it's also very dangerous," he says. "The physical environment here is very attractive."

Before entering the academic world in 1968, Berry spent nine years as a free-lance illustrator and painter in New York City. During that time he produced cover and editorial art for *Newsweek*, *Esquire*, *Harpers*, *TV Guide*, *Sports Illustrated*, *Holiday* and *The New York Times*. Berry has illustrated books by Henry Kissinger, Romulo Betancourt, Zbigniew Brzezinski, Daniel Moynihan, Max Frankel, Hans Morgenthau, and Tom Wicker. *The Texas Monthly* magazine, for which he was art director, was awarded the best magazine prize in specialized journalism in 1973 by the Columbia University School of Journalism. His work in computer graphics was honored by a NATO symposium last summer in Paris.

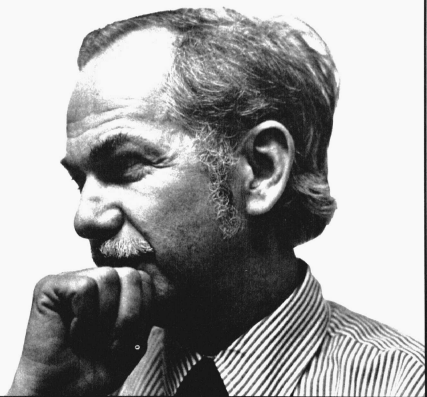
Hired as a full professor with tenure, Berry is teaching classes this fall in introductory and advanced design and color theory. He says the department's new fine arts degree at the bachelor's and master's levels greatly enhances the art program on the Columbia Campus. "We'll see a more professional attitude in the classes, and the level of students' involvement will change. More students will go after the degree instead of just taking some courses in art. . . . Graphic design has always been one of the areas in art where it's possible to make a living."

Berry was "flattered" to discover his textbook, *Drawing the Human Form*, is used at Mizzou. He is producing another book on design and drawing.

Judy Wall



William Berry



ELMER LOWER'S 65th birthday mandated his retirement from ABC last spring, but the internationally-known journalist broke stride barely long enough for a breather between careers. His position as professor in the School of Journalism is a homecoming of sorts for the native Missourian — Lower graduated from the J-School 45 years ago.

He's covered a lot of ground since his first job as a courthouse reporter for a Kentucky newspaper at \$10 a week, and brings a wealth of experience to his broadcasting students at Mizzou. Lower spent the first 20 years of his career as a newsman for two newspapers, three news, photo and feature syndicates, a picture magazine and two government information agencies. Then in 1953, when television was still an infant, he plunged into the new media. He has held top positions at all three networks in the last quarter century and has been particularly instrumental in the development of TV news reporting. For example, Lower conceived and guided the summarized, analytical coverage of presidential elections while head of ABC News from 1963 to 1974. The method gave viewers an alternative to the gavel-to-gavel programming traditional to all three networks since 1952.

His last assignment was vice-president of corporate affairs of ABC, Inc. Among Lower's many awards and honors is a 1975 Emmy, citing him for "great distinction . . . in shaping television news" and for establishing a "personal standard of ethical and professional excellence."

Teaching has long been one of Lower's extracurricular activities, so his students at Mizzou are hardly his first. A popular speaker before U.S. and foreign press organizations, the former broadcast executive has also lectured on more than 50 campuses in the U.S. (including Missouri) and abroad. He has taught courses at Syracuse University and Hunter College in New York City and, since retirement last April, at James Madison University in Virginia and then Brigham Young University in Utah.

Lower's schedule calls for Mizzou this fall, and then the Virginia School and BYU again in the spring. Perhaps in the '79-'80 academic year, he'll be in Columbia both semesters. Dean Roy Fisher hopes so, although Lower's current appointment is for one semester per year.

Fisher terms Lower "one of the most highly regarded broadcast journalists in the U.S. His contagious enthusiasm and remarkable ability to communicate to young people transform mere learning into a wonderful adventure."

EXTRA SPACE is an increasingly scarce commodity in the School of Law, yet when Wayne Brazil came along, somehow a corner had to be found. With both a JD from the University of California-Berkeley and a PhD in history from Harvard, Brazil is something of a rarity. The Law School's only new faculty member this fall and its sole PhD, he accepted the job at Mizzou because of "the opportunity to teach almost exactly what I wanted [Constitutional law, ethics, and civil procedure] and a sense of closeness and elan unmatched anywhere else I've seen."

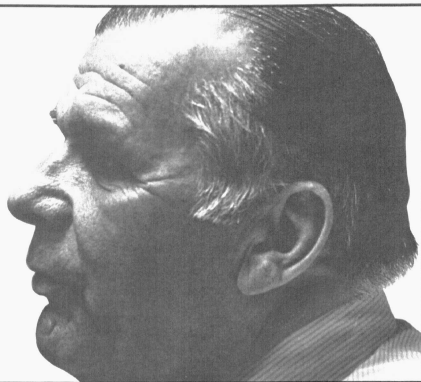
Brazil's education laid the groundwork for the academic career he had planned as a professor of history — a BA in history from Stanford, where he was Phi Beta Kappa, then an MA from Harvard and finally the PhD. He turned to law because "like a lot of other students in the late '60s, I wanted skills that would be useful for social change. Being a history professor seemed about two steps removed at the time." In the legal world, Brazil "intended to be a social conscience lawyer, which turned out to be a very quixotic enterprise."

Brazil went to work for a San Francisco law firm and stayed two years. Ultimately he bowed out of private practice because of its "preoccupation with winning. The process of litigation involves manipulation of data more than finding out the truth, which I found uncomfortable. I was using machinery I didn't respect," he says, referring to the laws that govern the methods for resolving disagreements through legal channels.

"Private practice left me no time for reflection, no time to ask fundamental questions. But that's why we have universities, so we can step out of the fray and ask those questions," he says. "In teaching, I feel I've found my spiritual home."

Law School Dean Allen Smith terms Brazil "an extremely bright person with a very curious mind. He's very enthusiastic about working with students. It's obvious that he is a very competent legal scholar. But this school is devoted to teaching. The first thing we look for in recruiting is an exciting and successful teacher. We know this man meets those criteria." Smith says "literally hundreds" of resumes were evaluated in the process of selecting Brazil, who chose Mizzou over several other offers.

Elmer Lower



Wayne Brazil



WHAT has become of all the pep and spirit in the crowd?" one Mizzou cheerleader has lamented. "There is a yell complex at Missouri football games — it seems that if a fellow yells for the team the people around him look at him with that curious expression as if asking, 'Who are you? Who are you? Who are you? Nobody yells here except the fools!'"

It is indeed a sad tale, and a very old one as well, for these comments appear in *Missouri Alumnus* back in December 1935. The article was written by Allen Oliver Jr., who was head cheerleader at a time when the stadium had never been filled to its (then) capacity of 26,000.

Today, the Tigers draw as many people to one football game as they drew during the entire 1935 season. And along with the numbers, the spirit seems to be rising also. While it may be premature to herald a revival of school spirit at Mizzou, it's clear that something is stirring.

"The interest seems to be building back up," says Brian Faison, the athletic department's assistant manager for public relations and promotions. "In the late '60s and early '70s the rah-rah syndrome was kind of looked down on. But I don't think that's true anymore. When we put on a rally last year, the kids were really turned on. They really got into it. And Homecoming, led by the Alumni Association's Student Board, is becoming more and more important."

Tiger mascot Debbie Durk has also noted this change. "The crowd's different now than it used to be," she says. "When my sister was at the University in the late 1960s, not that many people were involved. It seems now that kids are really getting into things."

THIS RENEWED INTEREST, however, is not simply a return to an earlier era, Faison explains. "School spirit is always school spirit, but it's interpreted in a little different fashion," he says. "The cheering styles have changed, for instance. They do a lot more gymnastic or acrobatic things now than they did, say, in the '40s or '50s. And back in the '40s and '50s they did more group cheering."

To Judy Patton and Joe Gaschen, co-captains of the cheerleading squad, this change seems one for the better. "Cheerleading has turned into something of an art," Gaschen says, explaining the pyramids, partner stunts and new gymnastic routines the squad is working on. "We're a creative team. We're not just there to lead a cheer."

"I think the name 'cheerleader' doesn't really apply anymore," Patton adds, "because we don't really lead the cheers." Fans often start their own cheers, she explains. There's an "unmentionable" cheer, for example, that is always heard at games against KU. "I don't know how they got started," Patton says with amazement. "But they always say it, and it's just carried down the stands."

"If you want to put it on a philosophical scale," Gaschen says, "the whole tone is more individual. It seems in the past there was a single attitude in the crowd, one prevail-



Saturday Afternoon Fever

By Margie Kelly

ing attitude. Now the crowds are more diverse.

"But you have your sections that cheer all the time," he continues. "We'll have a 'Let's Go Mizzou' cheer, and there'll be a section right in front of us — a fraternity maybe — that will be doing it like crazy. But just because the other sections aren't screaming at the top of their lungs doesn't mean they're not behind the team."

"I don't think spirit is an action or a sound of people yelling," Patton says thoughtfully. "That's just one form. Spirit is really just the energy of the crowd, just that feeling you get. And it's there. That's for sure."

At times, the cheerleaders have been able to harness that energy, getting one entire side of the stadium to shout

A victory at Notre Dame and the music of Mini-Mizzou ignited a festive celebration that jubilant Tiger fans did not want to end.



Mascots Debbie Durk and Chung Lee are usually found under their tiger heads.



The band playing, flags waving and the football team charging out onto the field help get the spirit boiling.

"M-I-Z" and the other side to respond "Z-O-U." "The first time it happened, it was magical almost," Gaschen says. "We couldn't believe it."

Like the cheerleaders, pom-pom girls are also working to improve themselves, say the tri-captains Karen Whitney, Ann Dussold and Debbie Sexe. The squad's success is well illustrated by their outstanding performance at cheerleading camp last summer. "We got two trophies and the award of excellence," Sexe says with enthusiasm. "We also got the spirit stick, which means we were the peppiest and the happiest."

"In other words," Dussold adds with a laugh, "we made fools out of ourselves."

To help maintain the spirit generated by their summer experience, the pom-pom squad began the year with virtually all new routines. And those routines incorporate the changes pom-pom styles have seen over the years. "It used to be that pom-pom was a thing strictly with pom-poms, and peppy," Whitney explains. "But with the new music we can't really do that anymore. So we've had to revise." Now their performances include what they call "jazz" — dance routines done with gloves on their hands, minus the pom-poms.

In yet another spirit organization — Marching Mizzou, or "MP" as they are sometimes called — changes are also being made. The new stadium addition is helping the band's sound, says director Alexander Pickard, and new bleachers are being worked on to relieve the crowding during football games.

BUT IN TERMS OF SPIRIT, Marching Mizzou needs no improvement. "In the 12 years I've been here," Pickard says, "we've been pretty consistently a high-spirit organization. The students have a lot of pride in the band. And I've always tried to instill in them that this is what we are; we're part of the spirit on this campus."

It is a modest assessment at best, for the band is not only a part of the campus spirit, but a source of it as well. Besides the well-known Golden Girls and Mini Mizzou, the band has in recent years spawned new offspring: the women's band and the popular Golden Guys, groups that perform at women's basketball games.

Within all the spirit groups on campus, energy seems to be running high. This is perhaps most evident from the adventures of the spirit bus that carries the different squads (financed substantially by the Alumni Association) to away games. "All on one bus," Durk says with a grin, "and the tuba goes in the bathroom."

With so much spirit concentrated in one place, it's not hard to predict the results. "Coming back from Illinois last year," Durk says, "we had a disco on the bus, and everybody was up in the aisles dancing." "It's like a little can of spirit," Patton says. "They open the door and all of a sudden — boom — there we are!"

A half-time show or rally isn't complete without the Golden Girls.

One place that "can of spirit" exploded this year was at the pep rally before the Alabama game. With sparklers, speeches, music and cheers of "Ride the Tide" and "Fire Up, MU, Fire Up," a crowd of about 600 students got a liberal dose of spirit-group energy. Considering the enthusiastic response the crowd gave, the mood seems to have been catching.

REMINISCENT OF DAYS GONE BY? No. They are actually a taste of things to come. Brian Faison says the Alabama rally was one of three planned for the football season, and one or two additional rallies may be held for basketball. That's almost as many rallies in one year as the school has seen in the last 10 years, Faison says.

To help in the planning of the rallies and other activities, a new student organization has been formed this year. It's called T.O.P.P.S. — Tiger Organization for Preparation and Promotion of Spirit. "It's designed to generate interest in Tiger athletics," Faison says, "not football, not basketball, but the whole ball of wax, from women's sports to baseball."

Among the new promotions being planned are a basketball spirit group called "FUAGNEM" — Fired Up And Going Nuts Every Minute — and an Adopt-A-Tiger program, where women in dorms and sorority houses will adopt a basketball player. "We're also building toward a card section next year for football," Faison says, "and we're going to call it the 'Thundering Thousand.'" The name was chosen, he explains, because — shades of the legendary Jesse Wrench — that was what the student body was called back in the 1920s and '30s.

Though the new days of school spirit at the University may look somewhat like the old days, Faison says, the renewal of interest is clearly more than a nostalgia trend.

"School spirit doesn't change," he says. "It's just the accoutrements — the cheers, the rallies, the promotions. But basically school spirit is the same no matter what the generation. Pride in the institution — whether it's on the playing field or in classroom — is the same: 'I'm from OI' Mizzou, and I'm proud.'" □



Acrobatics and gymnastics have been added to the cheerleaders' repertoire in recent years.



New routines may come and go, but pom-pons are a permanent fixture of this peppy squad.



Warren Powers addressed a spirited crowd at the T.O.P.P.S. rally before the Alabama game.





Most of the prairie grass that covered the Ashland area has disappeared. Without a seasonal burning, trees and brush move in and choke out the grass that was there before the farms.

Chen-Ping Yen, a visiting scientist from Taiwan, and Choung Pham, of Vietnam, are studying root distribution and development. Their findings will be used to improve tree growth.

Woods, Wildlife & Wisdom

By Larry Boehm





HOW MANY angels will fit on the head of a pin and how many turtles will an acre of land support? Up to now, both questions have been answered with theories, but at Mizzou's Ashland Arboretum and Wildlife Area, one of the nation's largest hardwood-ecological research sites, scientists are attempting to provide an empirical basis for the environmental needs of not only turtles, but also for game and song birds, as well.

The habitat evaluation question becomes important when public lands are lost to water resources developments. The lands must be replaced, but what is equitable compensation?

"There are all kinds of schemes to score land for wildlife production. Our research is evaluating them," Thomas S. Baskett, professor of fisheries and wildlife, said.

When a dam project is planned, land to be flooded is scored on a scale from 0-10 for its suitability to support a variety of the species found there, and this total is compared to the score of the acres offered in replacement. If the quality of the new land is not as great then the quantity will have to be greater. For example, 100 acres with a score of 10 equals 200 acres with a score of five.

The 2,280-acre Ashland Area is ideal for this research program. It is about 60 percent timbered; the rest is old



To check the accuracy of habitat evaluation scores, Mary Clawson has captured and studied 25 species of reptiles and amphibians.

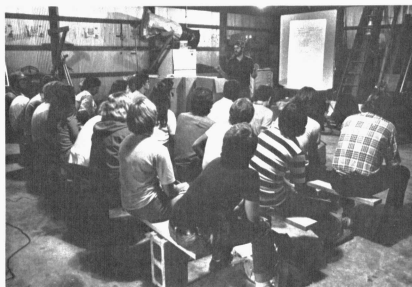
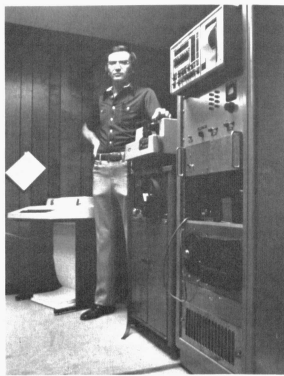
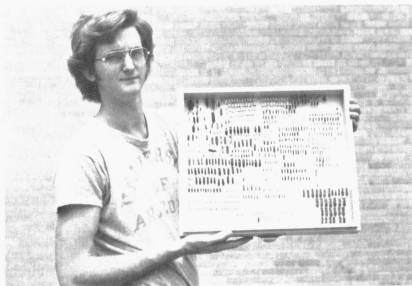
fields, forest plantations, croplands and open pastures.

Purchased in the 1930s by the United States Resettlement Administration, "the land had been so abused that it had very little value. The tops of hills and flat ridges were farmed, but the soil was thin and much of the ground was just too steep," Gene Cox, professor of forestry, said.

After the land was retired from agricultural use, WPA labor dammed Brushy Creek to form 17-acre Ashland Lake, demolished the old farm buildings, and revitalized much of the area with forest and wildlife plantings.

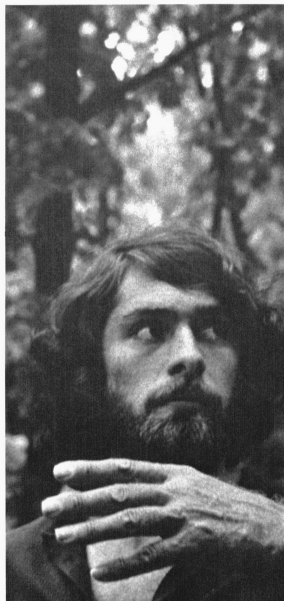
Information compiled by the data logger during the growing season indicates that the most important factor affecting a tree's growth is moisture, not nutrients.

Marlin Rice collects long horn beetles in the area for his MA project, a manual to identify the species of Cerambycidae: Laminae commonly found in Missouri.



Research specialist Jonathan Ellis explains the theory that these students will follow while making evaluations of various habitats located around the area.

For Mike Lincoln and other students in Thomas S. Baskett's Wildlife Management class, the Ashland area is an outdoor laboratory where they can conduct predator surveys, learn to evaluate habitats, and observe trapping and tagging methods.



In 1939, a 50-year lease turned the care and use of the entire area over to the University. During the early 1950s the government deeded the land to Mizzou, with the understanding that it would continue to be used for research.

SOME 50 THESES and more than 65 publications have resulted from projects conducted on the area. This long and valuable record of historical data began in 1937, when W.L. Henning made a zoological reconnaissance to earn his MA. Since then others have studied bob white, quail, cottontails, deer, raccoon, coyotes, bullfrogs, freshwater shrimp, carp, bowfins, bass and bluegill.

"Ashland is used largely for pen studies now; it affords us a chance to work out studies on animals in captivity, then check the results against what happens in the wild," Baskett said. Two one-acre pens were recently built to study mourning doves. "The mourning dove is the most hunted bird in the U.S.; 50 million are killed annually. Even if hunting were eliminated, the doves' life expectancy might not increase. A 70 percent annual turnover of the population would still be anticipated," Baskett said.

There is some controversy about opening dove season on September 1. Some prefer a later date, because they believe the dove is still in the breeding cycle, but hunters feel that by the second week of September the doves have already migrated south.

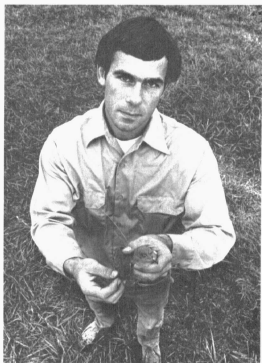
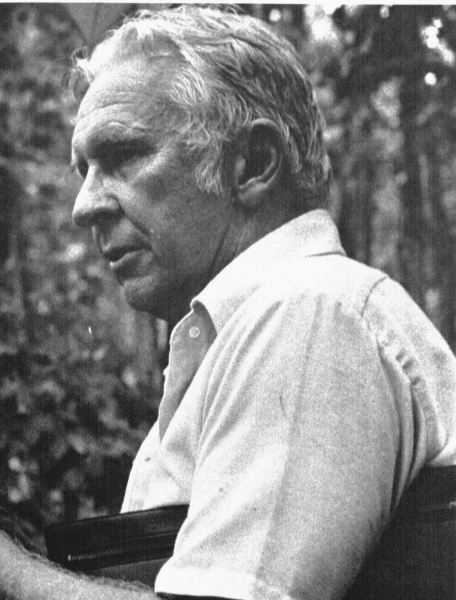
The area also serves as a three-dimensional visual aid. Classes from the School of Forestry, Fisheries and Wildlife, the Division of Biological Sciences, and the department of agronomy visit the site on field trips.

"IT'S AN EXTREMELY HANDY PLACE to do research and take classes. It's close enough to get a class out in an afternoon. It's big enough that we can do a lot of things on it without getting in each other's way, and we keep control of it," said Baskett, who has supervised the area for a quarter of a century.

In 1965, a forestry research station was established at Ashland, the only one of its kind in the hardwood region that covers the whole Midwest, from Ohio to Kansas.

"The basic objective of research at Ashland is to learn the requirements of species so we can more effectively grow them. Forestry does the same with trees that agronomy does with corn and soybeans, or animal husbandry does with beef. All try to improve nature," Cox said.

Most of the research at Ashland has been directed toward black walnut and oak trees. The oak is the predominant species in Missouri, while the walnut is the most valuable tree per square foot of wood. Walnut trees are valuable for their nuts as well. Missouri, the top seller of walnuts in the USA, is the fifth-largest producer of walnut wood, shipping it worldwide. □



Mark Sayre puts radios on mourning doves to study their habitat, activity, and movement in Missouri.

ASSOCIATED STUDENT
UNIVERSITY OF MISSOURI

606 MARYLAND AVENUE

DRUM HOUSE



MARLA HOLLANDSWORTH: A Leader

Governor Joe Teasdale, seated, and Senator Joe Frappier exchange handshakes after signing the bill that gave 18-year-olds the right to consent for medical treatment. Hollandsworth is proud of ASUM's part in its passage.



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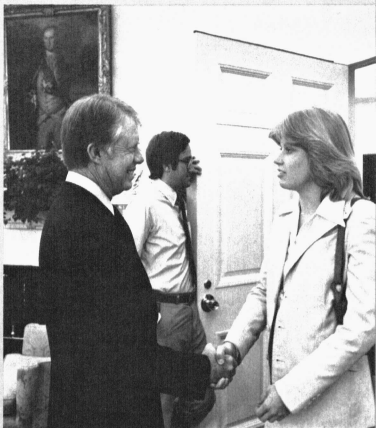
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Now executive director of ASUM, Maria Hollandsworth met President Jimmy Carter last summer while she was chairperson of the National Student Lobby. She also was one of three students who visited Russia as diplomatic representatives of U.S. students.



for the Student Voice

By David LaGesse and Austin Ruse



The spring and summer itinerary included a White House visit with Jimmy Carter, a diplomatic tour through the U.S.S.R., and an appointment as the full-time executive director of the Associated Students of the University of Missouri (ASUM).

Nationally, student activism has taken a new form. Maria Hollandsworth is one of its new leaders.

"As a freshman on Campus, I felt I was entering a world of intense potential — all of these bright minds with all this youthful energy," Hollandsworth remembers. "The

campus atmosphere itself was enough to motivate me.”

And Hollandsworth has been motivated. She's excelled in a wide spectrum of Campus activities, including Homecoming and athletics. But her best work has been off-campus and came after she focused her attention on a new goal: involving students as full citizens in the daily democratic decisions of our government.

Hollandsworth arrived in Columbia from her home in Rolla, Missouri, in the fall of '74. She entered the week-long sorority rush as a way to meet some people, and ended it by pledging the Chi Omega sorority. Studying, house activities, a job, and fulfilling the requirements of her debate team scholarship kept her busy.

After the debate team folded in her sophomore year, Hollandsworth channeled her energy into the growing women's interscholastic athletics program. "Sports always have been a challenge and a good time, but political involvement began to dominate my time," she says.

Hollandsworth's new job, as the chief executive for ASUM in '78-'79, is a result of several years of political work for the student lobby. She began in fall '76 as an ASUM legislative intern, earning course credit for research and committee testimony in the Missouri legislature. As an intern, she watched Governor Joseph Teasdale's signing of the 1977 Senate Bill #48, which gave 18-year-olds the right to consent for medical treatment. It was one of the bills she had been assigned to advocate.

Hollandsworth is proud of ASUM's part in passing that bill. "It was a prime example of what we're trying to do. We're not students striking out against society, but we are working to correct what we see as its flaws. Our main goal is, through persistent effort, to present a reasonable, well-prepared and responsible image of students working in the political process."

PERSISTENCE IS A KEY with Hollandsworth, as President Carter experienced in his meeting with her last April. "We shook hands," she recalls, "but as he withdrew I held on. I wanted to make sure he understood my point — I think he did."

Hollandsworth was meeting Carter in her capacity as chairperson of the National Student Lobby (NSL). Soon after her work as an ASUM intern, she had become centrally involved in the Washington D.C. based student organization and its efforts to merge with its rival, the National Student Association (NSA). The two groups did merge in August of this year to form the United States Student Association (USSA), and Hollandsworth's signature is on all the merger papers.

"I had been committed to the merger during my entire tenure on the board, first as vice chair and then as chair of the board," she says. "I'm glad the process was completed during my term."

Although she says there were "brief glimpses" of glamour while on the board of a national organization, Hollandsworth said the first requirement for a board mem-

ber is the ability to collate and stuff. "The paid staff is very small, and the conferences are very large projects. But it is fascinating to work with people from all over the country. It sharpened my skills at coalition building."

Besides the White House visit, another "brief glimpse" of glamour came early last summer. Hollandsworth and two other national student leaders traveled 35,000 miles through the U.S.S.R. and neighboring East European countries as diplomatic representatives of America's students. The mission was jointly funded by the U.S. and U.S.S.R. governments.

"WE HAD ONLY A WEEK'S NOTICE before the three-week trip, but it's one of those chances you just don't pass up," Hollandsworth says. "It was amazing to me how many of our concerns are shared by Soviet students. We all are fighting for a well-rounded education, an enjoyable job when we graduate — although the Soviets do have a 100 percent placement rate for college graduates — and even on tougher issues such as nuclear disarmament."

Hollandsworth was most pleased in that the Soviets had directly contacted the U.S. student leaders. She called it evidence of the growing prominence of a united national student voice.

Despite the other demands on her time, Hollandsworth continued attending her Mizzou classes. She also continued her Campus activities; vice president of her house, '77 Homecoming Queen attendant and Missouri Students Association vice presidential candidate, as well as an interim stint last spring as chairperson of ASUM's board of directors.

This year, she is concentrating on her first full-time position, as ASUM's executive director. "It is nice to narrow my focus for a while," she says. "I enjoy doing a lot of different things at once, but it's easier now to keep things straight and organized in my mind."

She's also more comfortable with the reality of the Campus and its population. "We're not dealing with abstract concepts and theories as we did most of the time at national board meetings," she explains, "but what we're talking about in ASUM is 23,000 students and 23,000 votes. We try to unravel the issues so they can be better understood by students," she continues. "We're doing what we can to encourage students to be registered and voting."

Each of ASUM's three staff members have at least a year's experience with the organization. "That much experience is very unusual in a student organization," Hollandsworth notes. "Combined with a longer session, ASUM could have its best year yet in the state legislature."

Next summer, as she considers her future, Hollandsworth will be well prepared with her degree in political science, a wealth of experience, — and considerable accomplishment already behind her.

Like many of us, she's engrossed in traditional campus activities. But she has gone further, helping lead a growing student voice in state and national politics. □

Around The Columns

Enrollment drops slightly as fewer transfer to Mizzou

Enrollment at Mizzou dropped 410 this fall. Student leaders blamed the 13 percent fee hike, while admissions officers credited fewer transfers and declining percentages of high school seniors pursuing college degrees.

Total enrollment stands at 23,064, about two percent less than last fall's official tally of 23,474, says Admissions Director Gary Smith. He also noted that considerably fewer students in colleges elsewhere transferred to Mizzou this fall.

Smith noted several divisions had significant changes: Education dipped 285 from 2,791 to 2,506. Agriculture dropped from 2,121 to 2,012. Arts & Science edged up from 6,542 to 6,686. Engineering jumped from 1,774 to 1,784, and Forestry rose from 590 to 668.

The University's Office of Institutional Research had predicted that Mizzou's student body would grow by about 70 this year. Even so, Smith said the lower enrollment trend "is normal when you consider the percentage of high school students going on to college has been decreasing the last seven or eight years."

Appropriations request up 16%; Olson asks state to support another 9.5% salary boost

The Board of Curators has approved President James C. Olson's plans for requesting state appropriations of about \$159 million for general operations for fiscal 1979-80, an increase of \$21.8 million (15.9 percent) over the current year. Total operating budget requirements were set at \$235 million.

Olson also will seek \$34 million for capital improvements, including requests for revamping existing facilities and providing some planning and construction of new buildings for the University system. Last year the state appropriated just over \$9 million.

The proposed budget for the University Medical Center, separate

from other budgets, totals about \$42.6 million, an increase of \$4.8 million over the current year. The amount includes \$12.5 million requested from state appropriations and \$30.1 million in non-state funds, primarily patient care income.

Olson has termed the requests "a conservative and disciplined assessment" of the University's needs. The proposals are before the state's Coordinating Board for Higher Education and Gov. Joseph Teasdale. From there the requests go to the Missouri General Assembly, where final action is due next spring.

In the operating budget, top priority overall remains higher salaries for faculty and staff, closely followed by inflationary increases for equipment and utilities.

The operations budget includes about \$16 million that would provide an increase in the salary and wage base of 9.5 percent. The upcoming fiscal year is the second step of Olson's program to improve the University of Missouri's ranking among Big 8 and Big 10 universities. After moving forward last year with an 8.6 percent increase, "it is important that the momentum we have gained be continued," Olson said.

Even the \$3.1 million in the proposed operations budget to help meet rising costs of equipment will not keep pace with inflation over the last three years, Olson added.

A proposed five percent increase in student fees would contribute \$2.1 million to the operations budget. Student government leaders at Mizzou have denounced

the plan, claiming it would force students on the Columbia Campus to provide more than their fair share of needed funds. Last year student fees were raised about 13 percent.

More internal reallocations are expected in the next fiscal year; the proposed operating budget includes nearly \$4 million to be generated by reallocations and/or increases in "Income from sources other than state funding."

The capital improvements budget includes the following for the Columbia Campus: \$2.5 million for repairs and maintenance to existing buildings; \$3.7 million to improve access for the handicapped as required by new federal regulations; \$7.6 million for heating plant improvements to comply with environmental standards; \$1 million for energy conservation measures; \$4 million for a library storage facility to be located at Mizzou but serving all campuses; \$2.3 million for an animal science research complex; and \$300,000 for the Agriculture Experiment Station.

Planning funds for several new facilities or major renovation of existing buildings is also included.

Curators boost full-time fees, cut charges for part-timers

The Board of Curators has raised fees for all full-time students and lowered charges for part-time students, effective with the 1979 summer session. The increases are greatest for students in Missouri's graduate divisions and professional schools.

On a vote of 5-3, the curators approved the plan which provides five percent increases in student fee revenues. For fee assessment purposes, the requirement for full-time status will change from nine to 12 hours.

Fees for medical students will increase the most, an 85 percent jump from \$644 to \$1,188. A \$99 per semester supplementary fee for law and pharmacy students will be introduced.

The new fee structure requires full-time graduate students and those in medicine, veterinary medicine, dentistry, law, and doctor of pharmacy programs to pay

Secretary's extra mile earns smiles



Bob Foss/Columbia Missourian

Merita Nettles, right, tries to cheer the registration-weary with her Tiger garb and a smile.

Right off the bat, if a student shows up in Jesse Hall's admissions office during registration, Merita Nettles knows there's a problem. For any one of a dozen reasons, there's no packet waiting. And with no packet, registration doesn't go far. Nettles does her darndest to help students get registered. She even dons a special Tiger garb to help humor away those scowls and furrowed brows.

"I feel like I need to do something to cheer 'em up," says the secretary to the associate

director of admissions. Sporting a gold knit booster cap, bright yellow Missouri T-shirt, Tiger scarf, contrasting skirt and knee socks, she skids to the counter and asks, "Can I help you?"

Nettles has worked through spring, summer and fall registrations since she was hired in the admissions office about a year ago. She says her special dress "gives the students some enthusiasm when their spirits are low. The more cheerful I can be, the easier it will be for them."

\$396 as a base incidental fee, 10 percent more than the \$360 undergraduates will pay. The base fee for both had been \$339.

Part-time undergraduates will pay \$30 an hour, and graduate students, \$33. All part-time charges now are \$38.50. The decrease had been sought by the University system's urban campuses.

A \$1 million addition to the federally insured loan fund should assist students hardest hit by the increases; nearly \$550,000 has been earmarked for medical students.

Out-of-state tuition will increase from the present \$678 per semester to \$720 for undergraduates and \$792 for graduate and most professional students.

Conservation commission to buy Weldon Spring property; Olson would use proceeds to endow fund for faculty research

The Board of Curators has agreed to sell most of its Weldon Spring property in St. Charles to the Missouri Department of Conservation.

The conservation department will pay \$12,400,000 for 7,230 acres. University President James Olson has proposed that proceeds from the sale be invested as an endowment fund for faculty research.

The University will keep about 700 acres on the east side of the tract, adjoining Highway 40. The land could be used for some educational programs or an additional campus site to serve the rapidly growing St. Louis metropolitan area.

The sale must be approved by the General Assembly and governor under a 1977 law requiring such

approval for sales of 2,500 acres or more of University land.

The sale also is contingent upon the University being able to resolve the annexation of 3,000 acres of the tract by the community of Weldon Spring Heights. The annexation was approved by the St. Charles Administrative Court this summer.

"Investment earnings from the \$12.4 million would be of substantial help in permitting the University to improve the quality of its teaching and research, which are so vital to the progress and well-being of Missouri," Olson said.

Weldon Spring fills a gap between the Conservation Department's 7,000-acre August A. Busch Memorial Wildlife Area and its recently purchased 2,500-acre Howell Island site that gives Missourians essentially a contiguous 17,000 acres within 35 miles of downtown St. Louis.

Dr. William Galeota retires

Dr. William Galeota, director of Mizzou's Student Health Service for two decades, retired in August. Dr. Diane Brukardt, who had worked with him since 1959, has been named acting director.

Galeota and his wife, Mary Ellen, have moved to Roanoke, Va.

Health services available to students expanded greatly under Galeota's direction, although budget cuts in the last few years took away infirmary facilities and after-hours emergency services.

"He was truly interested in the health of students and worked hard to see that their health needs were met," says Brukardt.

Galeota developed a supplemental insurance policy offered to Mizzou students by the University. The option is now available on all four campuses. He also served on many Campus committees.

Unrestricted gifts to Mizzou boost special projects, 'show sincere grassroots concern'

Unrestricted gifts to the University Development Fund will provide more than \$110,000 in assistance to 13 special projects for 1978-79.

Contributions not designated for a specific use "show sincere grassroots concern for the needs of the University," says Chancellor Barbara S. Uehling.

"In total dollars, Development Fund unrestricted gifts make up about five percent of alumni and friends' gift support. Yet the

donors make up about 75 percent of the contributors and enable the University to meet needs that otherwise couldn't be funded," the chancellor says.

Most proposals for unrestricted monies are considered "one-time fundings," Uehling notes. Annually, the demand for unrestricted funds average more than \$750,000. Requests are screened and forwarded to the Development Fund Executive Board for endorsement.

This year's allocations are: \$5,000 - Mini-Mizzou. The money is to be used for travel expenses. Last year Mini-Mizzou traveled more than 12,000 miles in-state and gave 103 performances.

\$2,500 - Writers In-Residence Program. Matched with a grant from the National Endowment for the Arts, the program enables poets and novelists to lecture and meet with students.

\$19,930 - Missouri Writing Project. The project provides stipends for 25 Missouri elementary, secondary and college exposition teachers to come to Mizzou for an intensive one-month writing program.

\$1,500 - Conference on "Social Values, Technology and How We Might Live." In addition to Development Fund money, the Missouri Committee for the Humanists is providing \$5,642. The March 16-17 conference will bring together leading national humanists and representatives of the world of work to discuss the past and future of work in America.

\$12,000 - Head-Start Accountancy Program. Ten minority students planning to major in accountancy and demonstrating promise for success in the field will come to the University for four weeks of intensive preparatory work.

\$6,300 - Chancellor's Awards for Outstanding Faculty Research. Two faculty will receive special recognition for outstanding contributions in research or creative achievement. Each faculty member will receive \$1,000 plus \$2,000 for professional activities and \$150 for expenses.

\$2,400 - Competency-Based Instructional Model Experiment. The money will be used to evaluate competency-based instruction and other learning models in a basic engineering course.

\$15,000 - Development of model experimental foods facilities. The allocation represents half the cost of renovating and developing two foods laboratories for teaching and research.

\$8,820 - Purchase of dissecting microscopes. Funding will allow the

Students hop aboard Campus shuttle bus

Student use of a bus shuttle between Memorial Union and the Hearnes Building parking lot has surprised—and pleased—Campus business officials. An average 142 students an hour are boarding the buses, which run every 15 minutes starting at 6:45 a.m. and ending at 5:10 p.m. weekdays. Some 1,100 cars are parked at Hearnes daily. Hours have been expanded twice since the service was launched with the start of classes in August.

The shuttle is a one-year experiment suggested by student government last year, and it's costing the University about \$50,000. "It was only intended to be free the first two semesters," says Kee Groshong in the business office. How many riders would continue if

a fee for parking at Hearnes were instituted is unknown. But a survey of current users is being taken, and that's one of the questions being asked. A charge next year is likely.

The service is financed this year with a surplus in a parking budget, plus increased fees for Campus parking permits. Students now pay \$18 per semester and faculty, \$4 per month.

The shuttle was designed to reduce parking problems in the residential areas around Campus. Some 800 fewer permits for on-Campus lots were sold this semester, and observers note that traffic congestion seems to be less. But parking around the edges of Campus is still a problem.



Tom Reasse/Memorator

Students crowd aboard free buses that shuttle them from nearby parking to the heart of Campus. The experimental service is free this school year, but a charge is likely if the buses continue.

School of Medicine to purchase 28 microscopes and reduce the number of medical students sharing a microscope from four to two.

\$5,000 - Lewis John Stadler Memorial Symposia in Genetics. The money will be used to support continuation of the annual symposium.

\$25,000 - Samuel Brody Memorial Trust Account. The money will be used to support an annual Brody Memorial Lecture.

\$6,740 - Project ASK (Alumni Sharing Knowledge). The project promotes the involvement of alumni in the career exploration of students.

\$25,000 - Economic Impact Study - An adjunct program of the University system, it is part of a \$50,000 study to examine the economic impact of the University on the state. The project will be undertaken by an independent commercial firm.

Mizzou can't deny NEA access to facilities, says U.S. judge; Curators won't appeal ruling

A federal district court has ruled that the University cannot prohibit members of the National Education Association from using Campus facilities. Mizzou's refusal to allow NEA members use of Campus facilities violates the First and Fourteenth Amendments to the U.S. Constitution, Judge Elmo Hunter ruled.

The Board of Curators has voted not to appeal the ruling.

The NEA filed suit against the University in 1976 after the group was refused access to Campus mail privileges and meeting rooms. The Curators contended that the refusal was based on a policy prohibiting use of facilities by organizations engaged in collective bargaining.

Sisters will farm to Mizzou

The Board of Curators has accepted a 300-acre farm in Gentry County as a gift to the University in support of agricultural research.

The gift is from the estate of Lula Hundley Whaley and Jane Elma Hundley. The sisters, long-time residents of Albany in northwest Missouri, had specified in their wills that the family farm be given for experimental farm purposes or for scientific research in agriculture.

GOP banker from St. Joseph named to Board of Curators

Gov. Joseph Teasdale has replaced one Republican banker from northwest Missouri on the Board of Curators with another banker of the same political affiliation.

Teasdale chose David W. Lewis, BS BA '54, to serve out Van O. Williams' term, which would have expired in January. Teasdale can reappoint Lewis at that time, subject to confirmation by the Missouri Senate. Lewis has been president of the United Missouri Bank in St. Joseph for 12 years.

Williams resigned last May to avoid any possible conflict of interest because his son was soon to begin medical residency training at Mizzou.

Student government leaders had encouraged the governor to appoint a student this summer. They suggested the brief period left on Williams' term offered Teasdale the chance for a six-month student curator experiment.

The current president of the curators is Barbara A. Berkmeier of Chesterfield. A board member since 1975, she assumed her duties after being elected June 30.

Berkmeier, BS Ed '66, served as vice president last year and succeeds Rex Z. Williams. She taught for several years in the St. Louis area.

Bowling retires after 35 years

Dale O. Bowling, a veteran University of Missouri administrator for business management, retired this fall after 35 years of service.

As a member of President James C. Olson's staff, Bowling was vice president for business management. His assignments included responsibility for all physical plant operations, including repair and renovation of existing facilities as well as new construction.

Olson noted recently that Bowling has been responsible for the planning, funding and construction of more than 100 major building projects.

Scheneman plans retirement

Carl Scheneman, University of Missouri system vice president for extension since 1970, will retire at the end of August after 32 years of service with the University.

Scheneman, 55, said he plans to consider professional opportunities outside the University.

In June, President James Olson announced a comprehensive review of extension programs and the administrative structure of statewide extension, following recommendations of a governor's commission and a University advisory council.

Olson commended Scheneman's "dedicated and effective leadership" and thanked him for providing notice that "will give us time to determine the best administrative organization for extension..."

Scheneman's first job with the University was in 1947 as an assistant extension agent in Lawrence County.

Scientists publish handbook expected to have world impact

Two University scientists are co-editors of a three-volume handbook on toxins produced by fungi and affecting plants and animals. Expected to be used worldwide by agriculturists and veterinarians as a reference, the handbook was five years in the making and is considered the most extensive work of its kind.

Dr. Thomas Wyllie, a plant pathologist, and Dr. Lawrence Morehouse, veterinary pathologist,

edited the work titled *Mycotoxic Fungi, Mycotoxins and Mycotoxicoses*. The encyclopedic handbook includes works by 45 authors in 12 countries, and contains information about human and animal diseases caused by eating moldy food.

Concerts add glitter to city

The University's Concert Series brings glitter to Columbia in November with performances by international stars appearing for the first time in Missouri.

The legendary Leipzig Gewandhaus Orchestra, led by Kurt Masur, performs in early November.

Rome's I Musici, "The Musicians," appears Nov. 18, with violinist Pina Carmirelli. The ensemble specializes in interpreting works from the 17th and 18th centuries, the Golden Age of Italian instrumental music.

Mezzo-soprano Marilyn Horne presents a concert Nov. 21.

AGRICULTURE

Which mates make best babies? 'hybrid vigor' test may yield answer for Mizzou scientists

Mizzou scientists think they might be able to measure the "hybrid vigor" of beef cattle in a test tube. The test would show which cow and bull matings would be the most likely to produce the healthiest, fastest growing offspring.

The scientists plan to use a technique now used as a pretest by doctors to decide if a patient can accept a heart, kidney, or skin from a donor.

The test involves white blood cells and thymidine, one of the basic components of DNA. (DNA is the main component of the nucleus structure in cells, and is also known as the animal's genetic code.)

The idea is to mix the blood of a cow and bull together, adding the thymidine to the mix. The added thymidine is radioactive. This radioactive thymidine facilitates detection of a newly formed DNA molecule, explains Mark Ellersieck, animal husbandry researcher.

"If the animals are closely related, say in the case of identical twins, the white blood cells of the one will recognize the white blood cells of the other as its own," Ellersieck explains. "In this case, nothing happens. There is no division of lymphocytes (white blood cells). This would be an ideal situation in human medicine if you were talking about making a transplant of an organ.

"But we want just the opposite in cattle breeding. The more distant the relationship, the more hybrid vigor and the better chance of producing a fast growing offspring.

"If the animals are unrelated, the white blood cells of one animal will react against those of another. Cell division will be rapid, more DNA will be produced, and radioactive thymidine will be taken up by the cell.

"Therefore, the further apart animals are in relationship, the more hybrid vigor you would expect, thus producing higher radioactive thymidine counts.

At this stage of the research, some general conclusions have been reached about mating. For example, dairy and beef crosses produce more cell division than beef breeds crossed with other beef breeds.

Eventually, the technique may be used to match specific bulls and cows to produce the most vigorous possible offspring.

Banning sales to foreigners won't save family farm, says ag economist Breimyer

Missouri's new law restricting sales of farmland to foreigners will have only limited effectiveness in protecting the family farm, says a University agricultural economist.

It is the attractiveness of land as an investment to non-farm buyers, not their nationality, that is "dangerous" to the family farm, says Harold Breimyer, professor of agricultural economics.

"Foreign land purchases are only one of several factors contributing to the topsy-turvy economics of agriculture wherein land speculation has been more profitable than farming," Breimyer says.

Between 1972 and 1976, the possible capital gains on all U.S. farmland totaled \$339 billion. That contrasts with \$144 billion in income earned off the farm production on farmland in that period, according to Howard Hjort, chief economist for the U.S. Department of Agriculture.

Missouri's new law limiting sales of land to foreigners forbids foreign individuals or companies from buying any tract of more than five

Grade A turkey eggs Stephenson's goal

Producing baby turkeys would be a whole lot more convenient if the big birds would lay their eggs in cages. Nobody would have to look very far to find the eggs, for one thing.

But turkeys don't naturally cooperate very well with the labor-saving cage approach. They much prefer doing their thing on the ground.

A Missouri scientist, however, is trying to change turkey's nesting preferences. Professor Alfred Stephenson is working to develop a strain of turkey that will lay eggs with "good hatchability" in cages. That means eggs that don't have soft shells, double yolks, or flat sides.

Turkeys are big business in Missouri—the state ranks fifth in production nationally. So growers here and across the country will benefit when Stephenson's project reaches a successful completion.

His research involving assessment of genetic and environmental factors has been going on for four years at the Rocheford Poultry Farm east



Poultry scientist Alfred Stephenson

Columbia. Stephenson anticipates spending about two more years on the project.

acres that is capable of supporting any agricultural enterprise.

Breimyer notes that sales of land to foreigners have a "flashy" air to them—acres with tracts in the thousands of acres selling for millions.

However, total volume of sales to foreigners has been modest.

No more than one percent of U.S. farmland is owned by foreigners, according to federal government estimates.

Breimyer stresses that foreign interest in buying farmland is one of the prices we pay for heavy U.S. petroleum imports, which in turn weaken the dollar and attract investors.

"The entire foreign purchase issue would almost vanish if the United States were to quit buying so much costly oil."

Researchers 'high on grass'

University researchers are "high on grass"—that is, high in research accomplishments with grass (forage).

Working under a special multidisciplinary research project, they have (1) developed a top fescue for cattle, (2) showed that a grass-legume mix is better than

grass fertilized with nitrogen, and (3) found good evidence that a fescue variety can be developed that won't produce fescue foot, a crippling disease of cattle.

The fescue variety is Missouri-96, released in late 1977. Cattle grazing this fescue consistently have 35-40 percent higher daily gains than they do when grazing the old standby, Kentucky-31.

Missouri scientists have also shown that cattle will gain at least as well and cows' conception rates are higher when they graze a grass-legume mixture than when they graze fescue fertilized with nitrogen. Also, the cattle will be in better condition when leaving the grass-legume mixture. Plus, farmers are saved the expense of buying and applying nitrogen.

In one study, the rate of gain of Hereford-Angus yearling steers was 30 percent higher among cattle grazing tall fescue interseeded in early spring with red clover than for cattle grazing tall fescue fertilized with 125 pounds of nitrogen per acre.

Another study showed birdsfoot trefoil mixed with warm season grasses (Caucasian bluestem and switchgrass) yielded 100 percent more than grass grown alone (without legumes and without supplemental nitrogen).

Horticulture celebrates 100th

The horticulture department celebrated its 100th anniversary this fall.

Centennial Day in October included tours of the department's greenhouses and laboratories, a luncheon, reception and banquet and the start of two new lecture series.

Prof. Russell E. Larson, provost emeritus of Pennsylvania State University, gave the first of four Centennial lectures scheduled over a one-year period. Each lecturer is a nationally or internationally recognized horticulturist.

Also, the department has begun a series of annual lectures to honor Edward A. Manda, who was a commercial flower producer in Kansas City. One of the purposes is to introduce undergraduate students to commercial horticulture.

Martz heads dairy department

Fredric (Fred) A. Martz, nationally known expert in dairy nutrition, has been named chairman of the department of dairy husbandry.

He succeeds Harold Johnson, chairman for the past 10 years, who plans to devote more time to research and programs in international agriculture.

Martz is best known for his research on forage utilization by ruminants and last winter was presented an award of merit by the American Forage and Grasslands Council.

He's also received national publicity for his efforts to find low cost energy feeds for dairy cattle.

ARTS AND SCIENCE

Physics department surprises Gingrich with library portrait

The physics department finally managed to keep a secret from professor emeritus Newell Gingrich. A portrait of the veteran faculty member was unveiled this fall in the department library that was dedicated to the retired scientist two years ago.

Physics department chairman Thomas Wolfram painted the 18 by 24-inch portrait of Gingrich, who taught more than 10,000 students and published some 40 scientific articles and book editions during his 37 years on Mizzou's faculty. The portrait hangs in the library near the 600 scientific books Gingrich donated when he retired in

1973.

Wolfram spent many a late night on the project, using a photograph provided by Gingrich's wife, Fern. "I tried to capture the twinkle in his eye," Wolfram said. "He's a dear person to all of us in the department."

Professor pours over Lewis & Clark 'mother map' to write cartography history of Missouri River valley

If you ever got lost trying to read a map, you can sympathize with W. Raymond Wood, professor of anthropology. Wood is studying maps over 180 years old in an effort to write a history of the cartography (mapping) of the entire Missouri River Valley.

The project began many years ago with Wood's interest in the Indian villages of the Northern Plains along the Missouri River in North and South Dakota.

More recently he completed research for the National Park Service entitled "Notes on the Historical Cartography of the Upper Knife-Heart Region." The Park Service requested the research to understand the history and archaeology of the 1,200 acres recently established as the Knife River Indian Villages National Historical Site in North Dakota.

Wood uses maps from the Lewis and Clark expedition to locate Indian village sites which were along the river valley from 1795 to the early 1800s. Because of the many tribal relocations at that time, Wood says the maps offer more precise geographical information than journals of fur traders or explorers.

"Lewis and Clark's map was widely accepted as a 'Mother Map' for more than 40 years after their expedition," Wood said. "But from St. Louis to North Dakota they were following a map made by John Evans' expedition in 1796, nine years before the Lewis and Clark expedition began."

Evans' map is on hand-made paper, but even after 182 years, Wood says the only difficulty in reading it is the scratchy handwriting and notations made in pencil.

Wood said there are problems using the maps, making it necessary to study many of Lewis and Clark's original maps at the Library of Congress. He compared notations on the maps to distinguish the original cartography from later additions. Evans' map shows the script of the original draftsman, his employer and William Clark.

"Clark seems to have scribbled notes on every map that came into his possession," Wood said. "He didn't realize they were historical documents; to him they were just field maps."

Daniel cited for contribution by psychological foundation; only Mizzou has two winners

Dr. Robert Daniel, a member of the University's psychology faculty for 33 years, has received the American Psychological Foundation's Unique Contribution in the Teaching of Psychology Award.

Chosen in national competition, Daniel is the first to receive the award. He was cited for his transformation of a division newsletter into the Teaching of Psychology, a widely read and respected academic journal.

The recognition places Mizzou's psychology department in a unique position as the only department ever to have two of its members named national award winners by the American Psychological Foundation.

Professor emeritus Fred McKinney last year was recipient of the Distinguished Teaching in Psychology Award.

Beginning his career at Mizzou as an assistant professor in 1945, Daniel has advanced in rank to full professor and was chairman of his department from 1955-61. He has been author or co-author of three books and has published more than 60 scientific and professional articles or book chapters.

Daniel served as chairman of the Faculty Council from 1973-75. He received the Faculty/Alumni Award in 1971.

Special English comp classes help international students

Special sections of those English composition classes most University students have to take are available for the 1,000 international students who have come to Mizzou from more than 80 countries.

"In the classes for native English-speaking students, so many rules of composition can be taken for granted. But for a person who is not a native speaker of the English language, it's helpful for the material to be approached in a different way," says Winifred Horner, an English department faculty member who directs the composition courses. "However, the same performance is required to pass."

"Our advisors suggest that international students taking one of the special courses reduce their classes by three hours," says Horner. "Often learning to write in English is just more difficult when it's not your native language."

The special sections of basic and advanced composition are taught by graduate students who have been trained to teach English as a foreign language. But, for the teaching assistants, speaking a foreign language isn't necessary.

Most of the graduate students teaching the special sections get their training from Donald Lance, an associate professor of English who heads the program.

The composition courses for international students have been offered for the last few years. About 85 are enrolled this semester.

Researchers seek longer life for human-implanted devices

A \$169,344 contract from the National Institute of Neurological and Communicative Disorders will be used by University of Missouri scientists to develop and test coatings for electrodes and devices intended for long-term implantation in victims of nervous system diseases or chronic pain.

The grant finances the first year of a three-year program.

A team of investigators from Columbia, Rolla and Kansas City campuses will work on the development of better ways to prepare implantation devices to withstand the effects of body chemistry.

The goal is to develop thin coatings of polymer materials that will keep water and salts out of delicate electronic circuits without harming body parts contacted by the implanted devices.

Dr. Allen Hahn, investigator at the University's Dalton Research Center and professor of veterinary medicine/surgery and bioengineering, is the project director. Dr. H.K. Yasuda, senior research investigator at Rolla's Graduate Center for Materials Research and professor of chemical engineering, is in charge of

Scientist finds bugs to bug other bugs

Bugs bug farmers, gardeners, livestock and even the family dog. But bugs can also bug each other, if you get the right ones together. That's what entomologist Reed Kirkland is doing. Some of his research at Mizou centers on biological control of those insect pests that can make life miserable.

The "natural" approach to controlling plant pests isn't new, Kirkland says. C.V. Riley, the late Missouri entomologist known as the father of biological control, helped introduce the vedalia beetle in California to stop a pest called the cottony cushion scale.

The scale had devastated citrus orchards, but within two years, the Australian beetle had polished off the scale. Biological control was heralded as a new way to control plant pests.

Kirkland sees biological control as a supplement to, not a substitute for, pesticide chemicals.

"It's not intended to put a dent in any control procedure," he says. "There are enough pests to go around. Biological control tends to work best in certain situations."

If experiments currently being conducted throughout the country are successful, Kirkland thinks biological control could really catch on in the U.S.

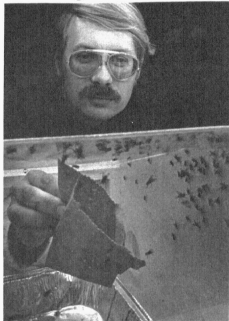
Some people fear that beneficial imported pests dead set on eating another pest might change their minds. But the bug scientist says there's little chance of that happening.

"A lot of people think of grasshoppers or cockroaches that

materials synthesis. Dr. William James, professor of chemistry at Rolla, and Dr. Eckhard Hellmuth, professor of chemistry at Kansas City, will assist Yasuda.

Final testing and work on suitability for implanting in the body will be done at the Dalton Center and Mizou's College of Engineering and School of Medicine.

Mizzou faculty members assisting in the project are physiologist Dr. Donald York, electrical engineer Dr. E.J. Charlson, mechanical engineer Dr. O.A. Pringle, neurosurgeon Dr. Clark Watts, and pathologist Dr. George Amromin.



Kath McMillin/Columbia Daily Tribune

Reed Kirkland says the idea is to put good bugs with bad bugs and let nature take its course.

can feed on a variety of foods. By and large, most insects are quite specific—particularly your parasites. Some parasites will only attack one species of insect—and that's all they'll attack."

Any bug brought into the country must first be tested by the federal government, he says.

One of Kirkland's current experiments is a tiny wasp with an appetite for just-hatched houseflies. He is mass-producing the minute wasps and says the results so far look promising.

BUSINESS AND PUBLIC ADMINISTRATION

Dean Dunn announces changes

Three administrative changes in the College of Business and Public Administration have been announced by Dean S. Watson Dunn.

Robert J. Monroe will assume the new position of associate dean for academic affairs, Don C. Marshall will become assistant dean for student affairs, and Ronald E. King will fill the new position of

Middlebush acquires mural in facelift



A mural depicting Industries of Missouri is part of recent efforts to spruce up Middlebush Hall.

Middlebush Hall is getting a facelift of sorts.

Thanks to some remodeling in the dean's office area, students can consult with academic advisor Jo Pflieger and assistant student affairs dean Don Marshall in private.

B&PA's only student lounge has been converted to a classroom on the first floor, while a third floor classroom has become offices for faculty. The total number of classroom seats actually was

increased a bit by the shuffle, says Dean S. Watson Dunn. A study hall for students on the first floor is also being refurbished.

A seven-panel mural by Douglas Mc MacCash, AB '78, has been installed across the catwalk in the building's main lobby. Suggested by students, the mural depicts major businesses of Missouri. The B&PA Council and another student organization helped fund the colorful addition visible from Middlebush's south entry.

research, short range planning, profit and loss analysis, and feasibility studies. Interns will not be paid.

"Most MBA candidates have only had a little working experience, so we're not the answer to all their problems by any means," Pierobon says. In fact, he doesn't envision interns being assigned to any business in serious trouble. The chamber is sending inquiries to all its members this month to ask whether they'd be interested in taking on a small team of students or an individual.

A group of faculty to supervise the interns has been assembled. It includes B&PA graduate studies director Robert Penfield, placement director Ron King, marketing chairman Ken Roering, finance chairman Dave West, and associate professor of management James Patterson.

This first semester will be a critical test, says Pierobon. "We hope to produce the kind of quality that will carry the program on."

Accountancy's Silviso named to new endowed chair provided by Peat, Marwick, Mitchell Foundation's \$175,000 grant

A \$175,000 grant has established the Peat, Marwick, Mitchell Professorship in Professional Accounting.

The special professorship was established by the Peat, Marwick, Mitchell Foundation, a philanthropic organization associated with the international accounting firm of Peat, Marwick, Mitchell.

Mizzou Chancellor Barbara Uehling designated Dr. Joseph Silviso, director of the School of Accountancy and a nationally recognized accountant and educator, as the Peat, Marwick, Mitchell Professor. The presentation was made at the fall meeting of the Development Fund Executive Committee.

"The University's strength depends upon its ability to possess highly competent scholars, and we are grateful for programs such as this one from the Peat, Marwick, Mitchell Foundation," University of Missouri President James Olson commented in approving the appointment. "Support of this type enhances the University's goal to provide the most desirable

assistant to the dean. Monroe will continue as director of the School of Business and King as director of placement. Marshall replaces Earl Cecil, who will return to teaching with a promotion to professor of management.

MBA students hunger for 'real world' experience; start intern program with help from faculty, local Chamber

MBA students eager to test the water of the real world and Columbia businesses that could use the assistance of young professionals are about to be brought together by a new internship program.

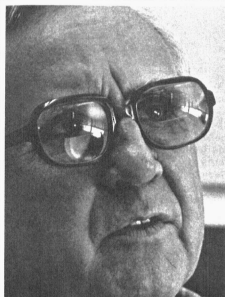
"We got to looking at what other schools were doing and saw that internships were a very active part of their programs. We decided, if they can do it, why can't we?" says

Jim Pierobon, president of the MBA Association. The business school, along with the local Chamber of Commerce, agreed. Starting in January, students in the last semester of the MBA program will be eligible for internships which can earn them up to three hours of graduate credit.

The students' association, business school faculty and Al Murfin, the chamber's executive vice-president, are working out final details this month. "We hope this will bring the University and the community one step closer to a meaningful co-existence," says Pierobon.

Neither the students nor the faculty want the internship experiences to be "just busy work," according to Pierobon. He says "fairly strict monitoring" will be carried out to validate that work students are doing is meaningful to their education.

The MBA candidates are prepared to offer such services as sales analysis, auditing of balance sheets, advertising, marketing



Dr. Joseph Silvano

academic environment for faculty and students."

The grant directs \$10,000 a year for 10 years to be applied to the improvement of accountancy teaching and/or research and \$7,500 a year to supplement the Peat, Marwick, Mitchell Professor's annual salary.

"It will help us retain a nationally prominent faculty member in accounting and expand our leadership in innovative research and excellence in teaching," said Business and Public Administration Dean S. Watson Dunn. "We are happy to be chosen as one of the very few universities to receive such a grant."

Silvano, a graduate of Illinois State University, received his master's and doctorate from Mizzou. After four years in the private practice of accountancy, Silvano joined the faculty of the University of Illinois-Urbana. He has been a member of the Missouri faculty since 1955.

EDUCATION

College looks for best use of British modified alphabet to teach problem readers

You won't find traditional English vowel letters in a modified alphabet the British developed to help disabled readers learn to read. The "Initial Teaching Alphabet" uses one symbol for the long "a" sounds, for example. The system "levels out the difference we have in our vowel sounds," says Dr. Veralee Hardin.

Hardin is heading a team of graduate students who are trying to

find out how to identify which young readers might overcome their handicap with the modified alphabet.

ITA has been around for some time. Some school systems have used it to start all their first grade readers. But Hardin feels the modified alphabet probably is better suited to specific types of problem readers.

The Child Study Clinic, which she directs, has developed a series of "mini-lessons" designed to identify whether a child having reading problems is a good or poor listener, and has high or low visual skills. Once the children are categorized, the research team wants to find out which group responds best to the modified alphabet approach.

Currently, Hardin's team is looking for a group of at least 200 low level readers in Missouri for on-site testing, which will be followed by teaching using the modified alphabet. ITA is not intended to be used past the second grade reading level.

Hardin says the research project ultimately should benefit educational diagnosticians and reading specialists. "We want to get this into the public and private school system to help children," she says.

The project, to be completed during the current academic year, is supported by a \$10,500 grant from the Initial Teaching Alphabet Foundation. The agency asked Hardin to apply after hearing about the "mini-lessons" developed at Mizzou.

Practice what you preach about reading, professor says in booklet for parents

Parents are no exception to the rule about practicing what you preach, especially when the subject is encouraging kids to read. So says education professor Richard Robinson in a booklet he wrote to show parents how to motivate children to read.

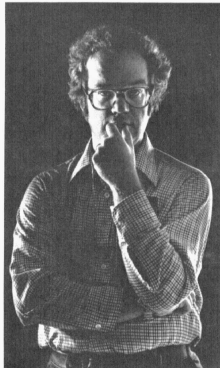
"The best way to motivate (children to read) is to see the parent reading," the author and former teacher says in his monograph, "Children's Reading: What Parents Can Do To Help." "The majority of attitudes children have about reading are developed before they start school," says Robinson. "The kids with home

preparation stand out in the classroom."

Robinson wrote the booklet because he saw a real need for "concrete nuts-and-bolts ideas parents can use to help their children read better." The booklet is part of the College of Education's outreach program.

For example, when a child sees a parent regularly taking pleasure from reading newspapers, magazines or books, the message comes across—it's fun to read, he says.

The booklet, offered through the University's Extension Publications office, lists 50 easy-to-follow suggestions for parents to use to help their children become better readers. Robinson says the most important one is for "parents who like to read to be able to convey their feeling of pleasure to their children."



Patty Rastetter/Columbia Daily Tribune

Professor Richard Robinson

Robinson suggests parents encourage their children to understand what they are reading. Phonics is important, he suggests, but reading is more than "just saying the words right." Parents should ask critical, interpretive questions rather than the expected ones.

"Ask your child how he feels about something. This gives kids a chance to express themselves about what they're reading. It's a higher level of comprehension—much more than just facts."

'Kids can learn anything from puppets'

School systems may turn to puppets to help teach kids about government and economics, if Joyce Montgomery has her way. The College of Education has hired the doctoral candidate to write the scripts for a series of videotape programs on "The Basic Objectives of Government and Economics."

"All of the objectives, the things you want kids to learn, can be



Tom Hansen/Monitor

Joyce Montgomery and her "teachers"

illustrated with puppets," says the teacher, who commutes 150 miles from Unionville to Columbia for her part-time job.

The videotapes, for kindergarten through grade eight, are expected to be sold by the College of Education to school systems. The series will be divided into lower, middle and upper elementary tapes.

The tapes have simple plots, Montgomery says, yet they avoid talking down to the children. The action unfolds in the playroom, which all children can identify with.

"Just as we need laws in the land, they're going to need laws in the playroom," she says. "And so it is here that we acquire a basic need for government."

A self-taught ventriloquist, the teacher says each of her puppets has a distinct personality. The fuzzy characters are made of fake fur and velour. "A puppet really has to be born," she says. "If you're going to carry on a conversation with a puppet (as a ventriloquist), you have to believe it. If you don't, the audience won't either."

Puppets are useful in the classroom because a good teacher "needs to be a little bit of an entertainer to keep the child's interest," she says.

Means' odyssey toward his master's degree in civil engineering, Means is a career civil service engineer with the U.S. Air Force. Thirty years in the profession had spurred not complacency, but rather a persistent feeling that he wanted a master's degree to keep his career growing. His master's specialty was construction management, also the specialty of his professional career.

At Sweihrucken in southwest Germany, he supervised a staff of 300 and was responsible for the maintenance, design, construction and general engineering of the base.

The summer graduate professor to be glad his milestone has been successfully reached. Since he's been transferred to Hanscom AFB in Bedford, Mass., Means is only a short distance from MIT. After pursuing a master's degree across an ocean, Means says it's handy to have an educational institution practically in his back yard.

Dr. Mel Monsees, coordinator of the Mizzou engineering program on the Kansas City campus, accompanied Means to Columbia for the oral exam. "Bill Means' story is pretty typical of the struggle to get the master's degree," he says. "I see many such individuals who maintain their regular professional pursuits while taking courses nights and weekends for the master's. There's a growing feeling in the engineering community of the importance of the master's degree."

ENGINEERING

Mizzou gets only federal grant to develop pipeline system for transporting freight

A pipeline to transport freight by water is the goal of four engineers at Mizzou. They are the only research team in the country to be granted federal funding to work on such a system.

Civil engineering professor Henry Liu and his cohorts have built a desk-top demonstration model which uses a very simple electromagnetic pump to push freight capsules through a water-filled pipe. A patent disclosure has been issued on the pumping mechanism.

The idea of hydraulic pipelines for freight transport has been around nearly 20 years. With necessity being the mother of invention, now seems the time to refine the system for practical use.

Liu says hydraulic transport would use less than half the energy needed to ship freight by truck. Besides, water freight pipelines would be perfectly safe, cause no air pollution, and since they would probably be buried, would not mar the landscape.

Liu's grant is from the Energy Research and Development Administration.

Engineer works all angles to earn advanced degree

William Means went to great lengths to get an advanced degree--literally!

It's hard to imagine a student coming back to Mizzou from Germany to take the orals for a master's degree in civil engineering. And, while living in Germany, taking hours from the University of Maryland (which has a program there) but transferring them to Mizzou (which doesn't) so that the hours could apply to Missouri's civil engineering degree. And enrolling in Mizzou's program in the first place because it was offered on the University's campus in Kansas City where he was living when he decided to go for an advanced degree.

Those are some of the events in

Women's engineering society named best chapter in region

Mizzou's chapter of the Society of Women Engineers has been chosen the outstanding student section from Region II, the largest of the society's four regions.

The chapter was awarded \$300 along with a plaque at the organization's 1978 national convention in Atlanta, Ga.

Activities which helped win the award for the Mizzou chapter were recruiting women students from high schools, and presentation of a \$150 scholarship to one of its chapter members. The scholarship was funded by selling an annual resume booklet listing all chapter members and their qualifications to industries that employ engineers.

FORESTRY, FISHERIES AND WILDLIFE

Young author wants handbook in hikers' pockets, backpacks

A pocket-sized handbook about Missouri trees and plants threatened by the progress of man is about to roll off the presses. Its young author, Bev Roedner, hopes the handbook will find its way into the back packs and hip pockets of anyone interested in endangered species.

The softbound book doesn't really include any new information about the 103 endangered plant species of the Ozark Plateau, says Roedner, a fisheries and wildlife graduate student. But the book, for the first time, brings together descriptions and drawings in a form convenient to land use managers, hikers, garden clubs, amateur botanists, or anyone else interested.

The book covers the Ozark Plateau, which includes the entire state south of the Missouri River except for the Bootheel region.

"It's really important to learn more about the location of these plants," says Roedner, explaining her desire to engage the assistance of people besides land management professionals. Each description tells in what counties the plant is found, but the book's introduction invites letters to inform the experts if a plant is located outside its normal range.

Plants become endangered primarily because the habitat or environment they need to grow and reproduce is destroyed through grazing, logging and commercial residential development, Roedner explains.

Plants, in the case of the handbook, include some species most non-scientists wouldn't think of as such. For example, the yellow wood tree and the American chestnut are included because technically they are classified as flowering plants. The book does not include grasses.

Roedner's work on the book started in the U.S. Forest Service office on Campus, where she was working part time during her senior year. "They asked if I'd like to work something up," she recalls.

"I don't think they knew how many plants were involved." Eighteen months and dozens of working hours later, Roedner knew exactly how many.

The endangered plants are divided according to habitat, such as prairie and woodland. Graduate student David Hamilton illustrated each entry with a pen-and-ink drawing.

The handbooks, published by the U.S. Forest Service, will be available from its Campus office or the Missouri Department of Conservation.

New graduation requirement can't be all bad; foresters board van, head for Rockies

The Sunday after commencement last May, Alan Everson loaded 11 brand new recreational forestry graduates into a van and took off for Colorado. The trip wasn't a reward for making it through college; in fact, the students actually were completing a new one-hour required course named "Recreational Forestry Trip."

Everson, an associate professor in charge of the recreational forestry program, organized the trip so that students in that specialized area "would have a chance to see their profession on the ground." Straight forestry majors for years have been required to participate in a similar field trip.

Recreational forestry, says Everson, deals with all aspects of public recreation on forested lands. Its curriculum is heavily weighted to natural resource management with other courses required in what he calls "people management."

Everson planned the Colorado trip with a wealth of information he brought to Mizou when he joined the faculty a little more than a year ago. For eight years, he had been the outdoor recreation planner for Colorado's division of parks and outdoor recreation.

The trip exposed the new graduates to as wide a variety of resource management situations as could be packed into the five days spent in Colorado. "I knew all our destinations and the people we talked to first hand, so I could choose good ones," he says.

Among the itinerary items were a national park service "where they are particularly into forest recreation management," a state

park system, and a flood plain management project in Denver where a natural resource corridor is being developed along the South Platte River.

The class even talked to a dude ranch operator. "The students saw how he melds his business in room rentals and food production with horseback riding, snowmobiling, etc., on forested lands. It's a good example of private enterprise and government working together." Even at the Coors Brewery in Golden, there was an educational aspect involved. "I told the students to find out what it costs Coors to put on those free tours every day of the week," Everson recalls. The students learned the cost is about \$1 million per year.

HOME ECONOMICS

She's out to shoot down myths about diet with 'megadoses' of nutrition information

From the power of megavitamins to the fat-burning ability of the lowly grapefruit, the myths about nutrition abound, says registered dietitian Wendy Schiff. And she's out to shoot them down.

The new instructor is teaching "Nutrition in Health" this fall and has spent a lot of time "totally revamping" the course, which she says is for non-nutrition majors. In fact, she'd like to see at least half the enrollment come from outside the home economics college. "This may be the only nutrition course they ever take," she says.

Students need little or no science background to understand what Schiff is talking about. She covers the basic of nutrition, current issues of fad diets, weight control, food additives, vitamin supplements and vegetarianism.

"There are so many poor sources of information about nutrition around these days, largely because people are out to make money," says Schiff, citing books and articles about schemes that promise the pounds will melt away or vitality will soar. "It's an area where you can really be a good con artist."

"I'm trying to teach my students to be less gullible, to be better information consumers. People want to believe, but they need to look at the total picture."

"The claim that a little bit of alcohol can protect against heart attack is a good example. If the 50-year-old guy who's already 40 pounds overweight tells himself he's warding off a heart attack by having a few beers while he's

watching Monday night football, he's got another thought coming."

Schiff's course is offered through the department of human nutrition, foods and food service management.

Alums tackle old problem with new approach — it works!

The Home Economics Alumni Organization is trying a new approach to the old problem of getting people to attend alumni functions. Instead of issuing a written invitation to all alumni of the college living in a metropolitan area, the organization is scaling down its approach.

This fall, a series of neighborhood gatherings are being held. No written announcements, either. Just telephone invitations. The results look promising, says Lenore Mueller, BS '46. A former president of the home economics alumni, she suggested the smaller meetings.

Mueller hopes the informal meetings will stimulate interest in the college and the University's Alumni Association, help alumni get acquainted with others living in the area, and keep them informed about the college and University.

Twenty-five people attended a coffee in the Webster Groves area of St. Louis early this fall.

Three other gatherings are being held in St. Louis, with others scheduled in Chicago, Kansas City, Jefferson City and southeast Missouri.

Stanley Hall Pigskin Preschool: a learning lab experience for students, a child care center for Tiger football fans

Around noon on every Saturday the football Tigers are playing at home, parents bound for Faurot Field start dropping off their kids at Stanley Hall's Child Development Laboratories.

The children probably don't know they're serving an educational purpose for child and family development students. They just spend an enjoyable afternoon exploring an innovative playground, playing games, reading, and having a snack. Infants get rocked and cuddled and put down for an afternoon nap.

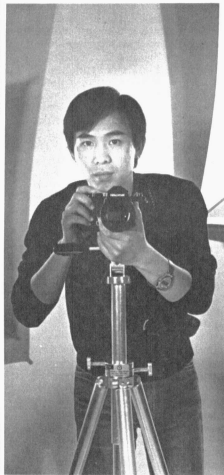
It's all part of "Pigskin Preschool," a unique child care service which students started six football seasons ago to serve fans.

How many kids can be cared for depends on the number of students who sign up for a preschool Saturday. The preschool keeps the ratio low, usually one adult for every three children. There hasn't been a Saturday yet that reservations for the service weren't closed before game day. Normally about 50 children, ages six months to eight years, are cared for.

Child and family development students who worked five of the six home games this season earned one hour of credit.

JOURNALISM

Yen knows his value



Mike Martinez/Columbia Missouri

Photojournalism student Kai-I Yen

Command of the English language seems the most basic of requirements for a student seeking a degree from the School of Journalism. If you grew up speaking Chinese and took a few years of English along the way, the art of well-turned phrase can still be difficult.

Taiwanese student Kai-I Yen uses his camera to get around the barrier.

"Especially in journalism, a foreign student just cannot compare in English," says the photojournalism major. "I like to take pictures, because there is a feeling," and conveying the feeling doesn't require words.

Yen sometimes gets discouraged by the writing courses he must take to earn his degree. But he's determined because he feels the training he's getting at the J-School will help him reach higher achievements once he returns to his native Republic of China.

Although he received a diploma from the World College of Journalism in Taipei where he went to school for three years, no degree is offered there. That helped prompt him to come to Mizzou.

"Many people who come to this University go back to Taiwan," says Yen. "They make a great contribution. Their positions are higher. They are leaders."

"This school has a very good reputation in my country because of those people. I want to be good. I want to make a contribution, even though it's hard."

Newspapers in Taiwan don't give photographs the display they deserve, he says. "After I learn in this field, I must go back to my country to emphasize the photo."

Circulation director joins J-School to address problems of newspaper industry

The academic world's first positive step toward recruiting and training circulation specialists for the newspaper industry is being made at the School of Journalism. Joseph Forsee, circulation director of the *St. Louis Post-Dispatch*, has joined the J-School faculty to direct an expanded program in newspaper circulation management and marketing.

With less emphasis on reading as a source of information and entertainment resulting from television's explosive growth in the last few decades, the newspaper industry has suffered.

Dean Roy Fisher says the expanded program in circulation management and marketing will be designed to expose students to career opportunities in the area. New approaches to newspaper marketing and distribution also will be explored.

The program will sponsor workshops for in-service training of newspaper personnel, Fisher said. The expanded curriculum is being funded in part by educational grants from the Donrey Media Group and the Harte-Hanks Newspapers Inc.

Highest press photo honor to photojournalism professor

Angus McDougall, head of the J-School's photojournalism sequence, has received press photography's highest honor. The National Press Photographer's Association honored the professor with the Joseph A. Sprague Memorial Award.

The coveted recognition includes a plaque, citation and ring.

The association cited McDougall as a photographer of "winning talent. . . experienced as an editor whose use of progressive layouts was considered ahead of his time. . . skilled as an author whose book, *Visual Impact in Print*, is the most valuable guide to picture editing available. . . an extremely talented educator."

News Photographer, a monthly magazine published by the press photographer's group, featured McDougall as its cover story earlier this fall. McDougall has headed the photojournalism sequence for the last seven years. He is also director of the annual Pictures of the Year competition.

LAW

School uses Tiger home games to lure lawyers to classroom

Historically, American education has intertwined scholarly pursuits with athletic endeavor. Typically, it's been limited to regularly enrolled students. But this fall at Mizzou, post graduate legal education moved from gavel to gridiron.

On five home game Saturdays, the Law School office of continuing education and the Extension Division offered classes on labor or commercial and consumer law. The "Saturday Morning Specials" were completed in time for lunch before kickoff time at Faurot Field.

About 25 practicing lawyers from all parts of Missouri attended each session.

Persistence pays off this fall; 12 new minority students enroll

Persistent effort of faculty, students, and alumni apparently paid off this fall with enrollment of 12 minority students in the Law School.

Previously, minority enrollment had not exceeded three students in one class, and Black enrollment last year was only four students in all classes.

Kenneth D. Dean, assistant dean, said that nine Blacks, five of them females, and three other male minority students are among 157 in the entering class. The total includes 113 men and 41 women.

The minority students include a Mexican-American, a Cuban-American, and an American Indian.

All but one of the minorities enrolled as first-year students are Missourians.

Dean said that enrollment efforts were expanded this year to include a personal letter to students in Missouri and surrounding states who took law admission tests. As in past years, general letters were sent to pre-law advisors, reports from alumni on prospective students were followed up, and faculty visited campuses of other schools in the state.

'Pinnell's Rule' won't make it in blue books, but soothes post-exam blues in Tate Hall

When exam time rolls around, the air in Tate Hall is thick with a jumble of rules ready to rain down on the pages of blue books when called for.

The Rule in Shelley's Case or the Rule Against Perpetuities may give some students problems, but now there's another rule that students may not have much trouble remembering. It's called Pinnell's Rule.

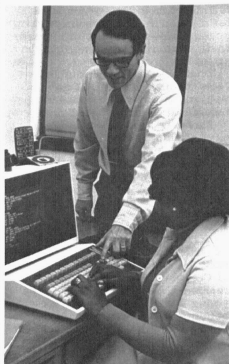
Created by second year student Robert Pinnell, it's really quite simple: Once out of an exam, don't talk about it. Pinnell's Rule is likely to be invoked in the face of inquiries such as, "What was the issue in the second essay question?"

The rule ends the dialogue without the immediate frustration and pain of learning that one student analyzed an issue that another completely ignored.

The only time Pinnell violated his own rule, he was sorry. He discovered that an answer he had written and then scratched out was correct.

LIBRARY AND INFORMATION SCIENCE

Jobs via computer



David Martin and Freda McKee feed information into the computer that helps get students jobs.

The computer is making big changes in the science of information retrieval these days. Mizzou's School of Library and Informational Science has found a way to make the computers its students practice on help them find jobs as well.

The aggressive approach pays off. In a field generally considered overstocked, some 90 to 95 percent of the school's graduates locate employment.

Since the spring of 1976, the school has provided what amounts to a very specialized placement service. Students in the master's-degree-only school and graduates living in the Columbia area receive automatic print-outs listing jobs every three weeks.

Data entry Operator Freda Williams McKee is essential to the service, entering about 100 jobs a month on the vacancy roster. Her sources include any job notice that comes to the dean's office, listings she obtains from professional journals and organizations, plus other schools and libraries. Every entry has information under 10 different headings, from location of the job to the application deadline.

MEDICINE

How you gonna keep 'em down on the farm? Med center looks for answer

The University Medical Center has a good track record for training family doctors for small town practice, but Missouri still needs a stronger effort to increase their numbers in non-metropolitan areas.

That's the assessment of Dr. Jack Colwill, chairman of the medical center's department of family and community medicine.

Eleven of the 17 people who have completed the three-year family practice residency program Colwill heads are now practicing in small towns. That's 65 percent, more than double the national average of family physicians who choose non-metropolitan settings once they complete their training.

Mizzou's program includes experience in a clinic in Fulton, a rural community about 30 miles east of Columbia. Colwill thinks sending residents there helps because the young doctors can observe the benefits of life in a small town.

"The state has made a fine start in family medicine education, but the number and size of training programs are too small to have much impact on Missouri's rural health care needs," Colwill says. Mizzou's program is one of five in the state. The 26 medical school graduates these programs can accept annually don't meet the expected attrition of family doctors through retirement and death.

The University's Family Medical Care Center now can accept 10 new doctors each year for training in family medicine. The number remains low because funding limits money available for faculty salaries and stipends for the residents in training. Family practice, the fastest growing of the medical specialties, is only nine years old. Medical school graduates across the country are entering residency training at the rate of 2,000 per year.

Surgery department endowment grows with \$50,000 gift

An additional \$50,000 given recently to the W. Alton Jones Fund brings the total contributed over the years to \$255,000.

The fund supports an annual guest lecturer in the University

Medical Center's department of surgery and the medical center's first endowed chair, traditionally held by the surgery department chairman.

Gifts to the fund have been given by the W. Alton Jones Foundation. Jones, a native Missourian, had a long career in the oil industry beginning in Webb City in 1912. He became chairman of the board of one of the petroleum industry giants, Cities Service Corp., in 1953 and held that position until his death in 1962.

One of Jones' close friends was Dr. J.R. Kuhn Jr., BS Med '28. The Joplin physician interested the Jones' family in establishing the memorial fund to assist the department of surgery and, over the years, Kuhn has transmitted each of the contributions to the University.

Dr. Anast honored for research

Dr. Constantine Anast, director of pediatric endocrinology, is the recipient of a \$500 research award given by the University's chapter of Sigma Xi, national scientific research honorary society.

Anast, a pediatrician and researcher in mineral and bone metabolism in children, is the eighth winner of the award, which is not given on a regular basis but only "when a worthy recipient is identified."

His discovery that parathyroid function is impaired by the presence of magnesium deficiency is now a part of the literature in his field.

Another research finding by Anast and his associates is that the hormone calcitonin helps cause low blood calcium in the newborn.

Anast is principal investigator in a project supported by a \$330,000 grant from the National Institutes of Health for research into hormonal control of calcium metabolism in children.

NURSING

Class of 1958 holds reunion

Seven members of the Class of 1958, along with five of their instructors, met for a reunion in Columbia late this summer.

The group toured the University Medical Center, where as students, they had helped move the first

patients by ambulance from old Noyes Hospital. The medical center opened in September, 1956.

Class members attending were Jane Hecker, Marley Manley, Sally Corini, Sandy Shelton, Mary Clark, Doris Jernigan, and Barb Haring.

New nursing service director at University Medical Center also named associate dean

Evelyn M. Peck has been named associate dean and assistant professor of nursing at the School of Nursing.

Peck is the new director of nursing services for the University Hospital, replacing Mrs. Edith Wenmark, who retired this fall.

Peck's experience ranges from the 789-bed St. Luke's Hospital Center in New York City to Frontier Nursing Service, Inc., in rural Kentucky with "40 beds and 10 bassinets" and a School of Midwifery and Family Nursing Practice.



Associate Dean Evelyn Peck

Her 30 years at St. Luke's took Peck from staff medical-surgical nurse in 1946 to director of nursing services and the School of Nursing, to associate hospital director to vice president of operations in 1976.

Assignments included nursing instruction and supervision, acting as ombudsman for all patients, reviewing for accreditation by the National League for Nursing, reorganizing nursing services and managing 1,000 employees, setting up drug-detoxification for in-patients, and overall hospital budget responsibility.

In 1976, feeling more involved with executives than with patient care, Peck "felt the need for new challenges" and joined Frontier

Nursing Service as director of nursing. Beyond its hospital, primary care center, and school, Frontier's outreach operates seven primary care extensions.

Peck is a former president of the New York State Nursing Association.

PUBLIC AND COMMUNITY SERVICES

Memorial fund established for David Anderson

A fund has been established in memory of Dr. David Anderson, a professor of regional and community affairs who died following heart surgery last spring.

Anderson taught several of the department's core courses for graduate students, had served as department chairman, and was instrumental in developing a 1976 symposium on "The Condition of the Community in the United States."

Anderson came to Mizzou in 1966 after a distinguished career in the Agency for International Development in the Middle East, Africa and South America.

In a letter announcing Anderson's unexpected death, Dean George Nickolaus said Anderson's "first love was his students. He was demanding and exacting. He would not tolerate sloppy thinking, but was delighted with lighting that small flame of scholastic inquiry."

Current department chairman John Croll hopes enough contributions will be received to establish a permanent scholarship fund for a student in the department. If not, donations will be used to purchase books for the divisional library.

Contributions can be sent to the Department of Regional and Community Affairs, 723 Clark Hall, Columbia, MO 65205.

Trips in search of heritage enrich social work class

Araminta Smith's fascination with her African heritage is also a source of enrichment for students in a course she teaches to help future social workers understand black people they may be working with.

The content of both the course and the assistant professor's life

have been broadened by the two recent trips she has made to Africa in search of her cultural roots. She says the visits have left her much more African, yet heightened her awareness of being an American.

Smith went first to Ghana, Kenya, Nigeria and the Ivory Coast. During that trip she visited some of the slave castles built by the Dutch and English. On a second trip to Ghana, she lived with an African



Dr. Araminta Smith/Columbia Missouri

Assistant Professor Araminta Smith

family. Going to Africa had been "a life dream ever since I was a small child," she says.

Her course on "Afro-American Culture and Life" starts with an historical perspective, tracing the African experience in America from the early slave protests to some of the present movements. Students also study black life styles, communication, family patterns and church life, all in terms of their implications for social work practice.

Smith assigns research to see whether myths and stereotypes about black Americans are "a bit of reality or all fantasy."

If a social worker has acquired the notion that blacks have lower IQs and should only hold certain types of jobs, he would be likely to direct his black clients to those jobs, she observes.

Practical field training is one of her primary responsibilities, supervising students in job centers and in public schools. Smith thinks students who have had her course have a deeper understanding about the total black experience.

VETERINARY MEDICINE

Mizzou one of few schools awarded funds to study control of deadly hog disease

The U.S. Department of Agriculture has awarded a \$63,990 grant to veterinary microbiologist Dr. David Thawley for a study of control measures for pseudorabies in swine.

The University is one of the few agencies outside the federal government that has been awarded grant funds from a \$1.2 million Congressional appropriation for pseudorabies research. The viral disease, unlike true rabies, cannot infect humans, although it is fatal to pigs.

Mizzou researchers have developed five plans for controlling the disease. Each plan is being field-tested on selected farms throughout Missouri. The researchers are closely monitoring the effectiveness of each plan.

One aspect of the pseudorabies virus of interest to researchers is that some pigs exposed to the disease apparently become infected and are carriers of the disease, but never show any clinical symptoms.

Missouri so far has experienced only sporadic occurrences of the disease even though outbreaks of pseudorabies have reached epidemic proportions in several other Midwestern states.

Results of the Missouri study will be submitted to USDA. After analyzing this work and its own research into pseudorabies, USDA may then develop a comprehensive, nationwide plan for controlling the disease.

College now has 17 residencies, three more faculty members

The number of residency positions at the College of Veterinary Medicine jumped from 10 to 17 this academic year, with one each added in large animal medicine and surgery, small animal surgery, anesthesiology, toxicology, microbiology, pathology and ophthalmology.

An allocation from the University also added three new faculty positions to strengthen instruction in the residency program.

News About Alumni

CLASS NOTES

What's new with you? New job? Promotion or transfer? Retirement? Special honor of some sort? Help the Missouri Alumnus keep your friends informed. Send us a Class Note and let your classmates know what you're doing these days. Mail to: Class Notes Editor, Missouri Alumnus, 125 Alumni Center, Columbia, Missouri, 65211.

'05

SHERMAN E. FISH, LLB, 101-year-old lawyer in Amarillo, Tex., was a recent winner of *The National Enquirer's* Oldest Worker Contest.

'12

DENVER DAVISON, Arts, age 86, has retired as Oklahoma's longest-serving supreme court justice. His retirement in August marked the 41st anniversary of his joining the state's highest court.

'14

WILSON B. HELLER, BS Agr, editor-publisher of the national inter-fraternity-sorority publication, *Fraternity INSIDER*, has been elected to the Fraternity-Sorority Hall of Fame. He is originator and manager of the College Survey Bureau, Inc., which since 1912 has surveyed campuses for publication in the annual "Comparison of National Fraternities and Sororities."

'21

JOHN W. McHANEY, AB, 2 YR Cert Med '23, retired in July after practicing medicine in Jefferson City since 1933. He has served on the Missouri Selective Service Appeal Board, the Missouri Social Health Commission, and as chairman of the board of advisors to the University's Medical School.

'23

W.C. TINGLE, BS BA, president of W.C. Tingle Co., Kansas City wholesale floorcovering company, writes that he began his 55th year in the floorcovering business in July. He earlier had worked for Armstrong Cork Co.

'28

HENRY A. BODENDIECK, BJ, was recognized recently for his 50 years' association with *Bank News*, a publication for Kansas City area bankers. Since 1975, he has served as a consultant for the magazine. He also played a prominent part in the operation of the umbrella corporation, Financial Publications Inc.

'30

ADELINE HOFFMAN, BS Ed, emeritus professor of clothing and textiles of the University of Iowa, has been presented Trenton State College's highest alumni honor, the Alumni Citation. Her 49-year professional career has included high school and university teaching and extensive published contributions in the field of home economics and gerontology.

'33

LEO J. ALLUNAS, BJ, AM '38, retired this year as professor of secondary education and educational foundations at State University College in Fredonia, N.J. A member of the college's faculty since 1946, Allunas was a 1975 recipient of an Outstanding Educators of America award.

RICHARD R. MYERS, AB, has retired as professor of sociology and anthropology, after 31 years on the faculty of Oberlin (Ohio) College. He taught in the fields of urban sociology, criminology and the sociology of law.

'34

JAMES D. HARDING, BJ, retired in December 1977 after 40 years with McClatchy Newspapers, the past three years as general manager of the *Modesto* (Calif.)

Bee. He resides with his wife, Nancy, in Modesto.

MARION F. THURSTON JR., AB, LLB '38, JD '69, a Columbia attorney, has retired after 10 years with the State of Missouri, the last three as commissioner of securities. He had retired as a U.S. Army colonel in 1968.

'35

VELMA V. COX, BS Ed, M Ed '48, retired in August after a 50-year teaching career. She was employed 29 years as junior high teacher and reading specialist in Salem, Mo., and taught 21 years in the education department at Eastern Illinois University.

SAM JUSTICE, BJ, recently retired as manager of financial public relations for AMAX Inc. in Greenwich, Conn., following a 30-year journalism career. He will continue to work as a public relations and media consultant.

'36

HENRY McDONNELL, LLB, has retired after 28 years with the Federal Housing Administration. He lives in the Shenandoah Valley in Virginia.

MARGARET BENSON Matson, AB, has retired as professor of sociology and social welfare at The Pennsylvania State University in University Park. She had been a member of the university's faculty since 1953.

'37

THOMAS M. MAUGHS, BS BA, is retiring this year as an industrial adhesive salesman. He lives in Memphis, Tenn.

CARL NOREN, AB, AM '41, who will retire at the end of this year as director of the Missouri Department of Conservation, has been honored with presentation of the prestigious American Motors Conservation Award. He joined the department in 1940 and has been director since 1967.

'39

JAMES O. DAVIS, AM, PhD '42, BS Med '43, chairman of the physiology department at the University, has been elected vice president of the International Society of Hypertension.

CHARLES H. DICKSON, BS Agr, has retired after 24 years with the real estate investment department of Prudential Insurance Co., for the past eight years in the company's Indianapolis office. He now lives in Lee's Summit, Mo.

FRANK C. HEIDEL, BS BA, retired in January after more than 30 years in the sales department of Chevrolet Motor Division, GMC. At the time of retirement, he was regional manager, Eastern Region, located in Chevy Chase, Md. He continues to reside in the Potomac, Md., area.

'41

GORDON E. CROSBY JR., B&A, Arts, chairman of the board and chief executive officer of the USLIFE Corporation, has been elected to a six-year term on the board of trustees of The College of

Insurance, New York City.

ELAINE McDONALD Phillips Alford, BS Ed, retired in January 1978 after 29 years as woman's editor of Springfield (Mo.) Newspapers, Inc. She and Cdr. R. Mart Alford were married in 1976 and reside in Springfield.

'42

OVID BAY, BS Agr, AM '52, was presented the USDA Superior Service award in ceremonies in Washington, D.C., in June. The award, one of USDA's highest honors, cited Bay for "outstanding performance and contributions to the communications and publications program of science and education administration-extension."

JANE LAW Raner, Journ, retired in 1977 after 20 years of elementary teaching in the Los Angeles Unified School District.

BILL WINTERS, BS EE, currently is assigned to Stuttgart, Germany, as an electronic engineer with the Defense Communication Agency. He also recently received a master of science degree in systems

management from the University of Southern California.

'43

C.M. (Mack) LONG, BS Agr, retired from the Soil Conservation Service in July, following 36 years of service with the federal government. He continues to reside in Hannibal, Mo.

'44

MARGARET (Peggy) COCHRAN Cline, M Ed, retired this year as elementary counselor in the Columbia public school system. She is a former teacher in Missouri schools and had been an elementary counselor since 1966.

'46

FRED A. RIDDLE, BS Ed, has been re-elected to the board of education for the Collinsville (Ill.) Community School District.

JUNE SAMPLE Cline, BS HE, is now organization specialist, home economics, for the agricultural extension service of Texas A&M University in College Station.

'47

GEORGE W. DENTON, AB, vice president of Newhouse Denton Corporation in New York, has been elected president of the New York Chartered Life Underwriters, Inc.

JOHN W. McKIERNAN, BS ME, a division supervisor for Sandia Laboratories in Albuquerque, N.M., has been appointed vice president, member interests & development, of the American Society of Mechanical Engineers.

DAN MILLER, BS EE, Indiana University professor of physics, is this year's recipient of the Orwig Award for unique and significant contributions to the IU athletic program. He had served as chairman of the athletic committee and faculty representative to the Big Ten at the university.

JAMES D. MOORE, BS ChE, MS ChE '48, currently is president of Anaconda-Iran, Inc., a subsidiary of the Anaconda Company, which provides technical assistance to the National Iranian Copper Industries Company. He is stationed in Tehran.

Red Graham: charitable emcee

Since Red Graham retired from IBM, he and his wife Peggy have performed on TV and radio, and in hospitals, prisons, orphanages, rehabilitation centers, senior citizens homes, and governor's mansions.

"What we do is a show. It is something we like to do. We don't do it for money. We do it to maybe help people."

Red has appeared with Art Carney, Alan King, Milton Berle, Rowan and Martin, Jack E. Leonard, Joan Rivers, and Jack Carter, but many of the shows do not include any name performers. They prefer spotlighting local handicapped talent.

In touring the country, the Grahams are not exclusively committed to entertainment. At every opportunity they sell the idea that "Hiring The Handicapped Is Good Business!"

As members of the President's Committee for Employment of the Handicapped, they take their appointments seriously. "We are not experts on the handicapped and we don't claim to be. We try to cite examples of other groups we have encountered to help build up the people's image of themselves."

It was during Red's career with IBM that he first became interested

in helping the handicapped. For 33 years he was involved in IBM's development of business machines that could be operated by the handicapped. Red is still very excited about the tremendous public reaction to the IBM rehabilitation program.

"Not only does the IBM image stand out, but the company sets an example for the rest of industry to emulate."



Hart hears Rolla Tiger tales



Edward W. Sowers, alumni president 1962-63, introduces Dave Hart, athletic director, to Bob Bridges (left) and Mack Gladden, two old Tigers who starred for M.U. back in the late '20s and early '30s.

Gladden, an end for the Tigers, played on the nation's first pro team, the St. Louis Gunners, for nine years.

Bridges pitched both games of a double-header with Kansas in 1930, and won them both despite the handicap of a slightly broken neck. He graduated, hired himself out to the Standard Fruit & Steamship company for an exhibition tour around the gulf and banana belt, only it was golf, not baseball, which they exhibited.

'48

MARY HAWKINS Collins, BS Nur., is now chief of nursing service at the Harry S Truman Memorial Veterans Hospital in Columbia. She formerly held a similar position with the VA hospital in Portland, Ore.

IRVING HERMAN, BJ, has been appointed a trust officer at Detroit Bank & Trust, which he joined in 1969.

JOHN E. LACY, BS BA, of Eden Prairie, Minn., has been promoted to the rank of major general in the U.S. Air Force Reserve.

'49

JOHN F. ANDERSON, BS ChE, has been elected president of Farmland Industries Inc., Kansas City. He joined Farmland in 1949 and most recently was vice president of manufacturing and production.

WILLIAM J. BELL, PhD, chairman of the journalism and graphics arts department at East Texas State University, has been re-elected to the Commerce City Commission.

HENRY BUSH, M Ed, retired this year after a 49-year teaching career in Missouri schools. He had been a science teacher in Stover, Mo., for the past 20 years.

JACK K. HIGGINS, BS BA, formerly national chain sales manager for Coca-Cola USA, has joined Anheuser-Busch, Inc. in St. Louis as director of the national account sales department in the company's beer marketing division.

LEON KAFKA, AB, BJ, has formed Leon Kafka/Public Relations Services in New York City. He was formerly senior vice president and public relations director of Edward M. Meyers Associates, Inc., New York.

HERSCHEL C. LYNCH, BS PA, has been promoted to an assistant vice president of Mercantile Trust Company, St. Louis. He serves in the personal trust division of the bank, which he joined in 1951.

D. D. McCULLOUGH, BS Ed, M Ed '53, formerly school superintendent in Boonville, Mo., has joined the Missouri Department of Elementary and Secondary Education as supervisor of instruction for 14 counties in south-central Missouri. He lives in Cabool.

ROBERT C. NAGLER, AM, has been appointed chairman of the chemistry department at Western Michigan University in Kalamazoo. He joined the university's faculty in 1956.

'50

CHARNIA J. ADELMAN, BJ, is now editor of the *CSA Newsletter*, the biweekly news magazine of the Council of supervisors and

administrators of the City of New York.

ROBERT CRIST, LLB, a Shelbina, Mo., attorney, has been appointed a judge on the St. Louis District of the Missouri Court of Appeals.

CALVIN ELLSWORTH CHUNN, PhD, retired this spring following 13 years as chief of textbooks for the Department of Education of California. In May, he was elected president general of The National Society of the Sons of the American Revolution. He lives in Fair Oaks, Calif.

ARTHUR W. HOFFMAN, BS BA, was elected president of the Missouri Society of CPAs in June. He is a partner in the Kansas City offices of Lester Witte & Company, national accounting firm.

RONALD ILLIONS, AB, of Anaheim, Calif., is now director of Anaheim Community, Euclid and Bristol medical clinics. He also serves as chief consultant in corrective foot surgery at Palm Harbor Hospital.

JOHN MORRISSEY, BJ, publisher of *The Montezuma* (Iowa) *Republican*, has been named Master Editor-Publisher by the Iowa Press Association. The award, which recognizes professional excellence and outstanding community service, is the association's highest honor.

REX N. OLSEN, BJ, AB, has been appointed president of the Society of National Association Publications. He is executive editor and assistant publisher of the American Hospital Association, Chicago.

Col. RALPH E. PEARSON, AM, USA Rtd., played the part of Moses Austin when the Texas Educational TV Affiliates filmed a segment on the life of Stephen F. Austin's father in Austin, Tex., in August.

RANDOLPH E. PUCHTA, AB, LLB '55, who has practiced law in Hermann, Mo., since 1955, was appointed probate judge and exofficio magistrate of Gasconade County in April. He is a member of the University's Alumni Alliance.

'51

JOE R. COX, M Ed, formerly business manager in the Webster Groves, Mo., school district, is now serving as superintendent of schools in Crane, Mo.

NORMA PETERSON, AM, PhD '53, has been awarded an honorary doctor of laws degree from Colorado College in Colorado Springs. She is professor of history and chairman of the division of history, government, and philosophy at Adams State College in Alamosa, Colo.

'52

ROY BEAVERS, BS BA, retired U.S. Navy commander, is now a field representative (Midwest) for the National Rural Electric Cooperative Association in Washington, D.C. He lives in Lebanon, Mo.

BARBARA BECKETT Janes, AB, has been appointed director of development, Cedars of Lebanon Health Care Center, Miami, Fla. She is also a national vice president of the National Association for Hospital Development and was one of two women to achieve the status of Fellow in the association's recently established accreditation program.

D.W. CALVERT, BS CE, president and chief executive officer of Agricco Chemical Co. in Tulsa, was recently also selected as chairman of the board for the company.

GEORGE S. REUTER JR., EdD, has been elected president of the Northwest Suburban Cook County Chapter of Phi Delta Kappa. He was awarded an honorary doctor of laws degree in June from Indiana Northern Graduate School of Professional Management. Reuter is president of an educational consulting firm and resides in Mt. Prospect, Ill.

'53

FLOYD EBERHARD, BS BA, a lieutenant colonel with the U.S. Army helicopter research and development division in St. Louis, writes that he was the winner of a cow-chip pitching contest in August at the St. Charles Country Club.

HAROLD S. HOOK, BS BA, AM '54, president of American General Insurance Co. in Houston, Tex., since 1975, has been appointed chief executive for the company.

PERRY McCANDLESS, PhD, professor of history in the school of arts and sciences at Central Missouri State University, was presented a Distinguished Faculty citation from the university this spring.

JOHN W. MEGOWN, AB, MS '55, now serves as vice president-public affairs and governmental relations for Vigortone Products Company, Cedar Rapids, Iowa.

WILLIAM E. PARRISH, AM, PhD '55, is now head of the history department at Mississippi State University. He had been Truman Professor of History at Westminster College in Fulton, Mo.

CARL S. QUINN, BS BA, formerly a senior vice president of Mid Louisiana Gas Company of New Orleans, is now vice president and general manager-gas supply for Southern Natural Gas Company, Birmingham, Ala. He is headquartered in Houston, Tex.

'54

Capt. RICHARD D. GILLHAM, BS BA, assumed command of *USS Mobile*, an amphibious assault cargo ship homeported in San Diego, in June.

SAM F. HAMRA JR., BS BA, LLB '59, president of Wendy's of Mid-Missouri, Inc., and Wendy's of Southwest Missouri, Inc., announces the opening of a new Wendy's restaurant in July in Columbia, the eighth store in the state.

ANDREW C. MILLS, MS, has been appointed a senior hydrologist for Dames & Moore, engineering and environmental consultants, and is based in the firm's Cranford, N.J., office. He joined Dames & Moore in 1972.

'55

ROBERT E. POPE, BS Agr, DVM, retired from the U.S. Air Force in 1977 and is now public health veterinarian for the Texas Department of Health, Public Health Region 8, Richmond.

JON P. SAMS, BS For, of Neenah, Wis., has been promoted to director of marketing for the Medalist automated machinery, Universal motors, and M&M research and engineering divisions of Medalist Industries.

'56

CAROL DICKSON Bear, BS Nur, assistant professor of nursing at St. Louis Community College, writes that she was crowned Valentine Queen of the Xi Gamma Iota Chapter of Beta Sigma Phi last spring, was Girl of the Year at the chapter's April Founders Day Banquet, and served as president of the chapter for 1977-78.

Col. H. BATES DYER, AB, is now on the faculty of the U.S. Army's Command and General Staff College in Ft. Leavenworth, Kan. He serves as deputy director, department of resource management.

ROBERT E. HILLIARD, BS For, of Warren, N.J., is now general manager of Stone Container Corp., following 22 years' employment with International Paper Co.

N. WAYNE HORINE, BS Agr, M Ed '59, EdD '70, is now area youth specialist in the Lake of the Ozarks Area for University extension. He formerly was a continuing education specialist in Ocala, Mo., for four years.

LARRY L. LEWIS, AB, has received a doctor of ministry degree from Luther Rice Theological Seminary and is now pastor of the Tower Grove Baptist Church in St. Louis.

'57

JIM ALBRIGHT, BJ, and his wife, Judi, currently are owners of Albright Council, a Dallas advertising agency.

MICHAEL BRAUDE, BS BA, has been promoted to executive vice president of American Bank & Trust Co., Kansas City. He had been senior vice president for the bank.

ROBERT HARADON, BJ, of Princeton, Tex., received an MBA degree from the University of Dallas in May.

JOHN HARVEY, BS AgJ, formerly public affairs specialist for Du Pont Agrichemicals in Wilmington, Del., is now new crops editor for the *Farm Journal* in Philadelphia.

DAVID W. RICHARDSON, AB, United Methodist minister in Portageville, Mo., was honored for the second consecutive year as one of "The Master Preachers," whose sermons appear in the national monthly magazine, *Master Sermon Series*.

'58

RONALD R. GIST, BS BA, MS '59, associate dean of the college of business administration and holder of the Beaumont Chair for Business Administration at the University of Denver, was the recipient of the university's 1978 Distinguished Teaching Award. He joined the faculty in 1969.

WILLIAM L. McGAVOCK, BS BA, is now executive vice president-administration for Chromalloy Consumer Products Company, St. Louis.

BERN ROTMAN, BJ, has been appointed assistant deputy commissioner, division of marketing and advertising, for the New York State Department of Commerce. His wife, ELAINE CHAZANOW Rotman, BJ '56, received a master's degree in library and information science in May from the State University of New York. They live in Schenectady.

'59

JAMES C. BAKER, BS Agr, MS '67, formerly an instructor in agronomy at the University, is now associated with the Virginia Polytechnic Institute in Blacksburg, Va.

WILLIAM E. BASKETT, BS BA, of North Haven, Conn., has been installed as president of the North Haven Rotary Club.

EDWARD L. FOARD, AB, now serves as manager of the Greeley, Colo., Montgomery Ward retail store. He formerly was located in Merriam, Kan., as a merchandiser in the company's retail merchandising unit.

JESS T. GOODMAN, AB, an operations intelligence analyst at the Naval Intelligence Center Pacific in Hawaii, will retire from the U.S. Navy in December. He also serves as national coordinator of the Mensa Special Interest Group in International Affairs.

Col. DANIEL B. HUTCHISON, BS, recently graduated from the Industrial College of the Armed Forces in Washington, D.C., and now serves as an assistant deputy director for space programs with the Secretary of the Air Force at the Pentagon.

JAMES L. McBEE JR., Ph.D, formerly vice chancellor for administration and finance at the University of Massachusetts, is now executive dean of Potomac State College, a junior college branch of West Virginia University.

'60

FREDERICK BERGMAN, BS For, has been promoted to forestry planning coordinator for the Missouri Department of Conservation in Jefferson City.

BURTON F. CARGILL, Ph.D, research and extension professor at Michigan State University in East Lansing, has been elected a Fellow by the American Society of Agricultural Engineers.

JOHN D. RAHOY, LLB, is now general attorney-labor for Southwestern Bell in St. Louis. He joined the company in 1965 as an attorney.

CURT STOKES, BS BA, has been appointed executive vice president, general manager, for Dean Machinery Co., Kansas City.

'61

THOMAS E. KOETTING, BS BA, is now managing director, contract administration, for Peabody Coal Company in St. Louis. He formerly was treasurer of Arch Mineral Corporation.

'62

JUDY HUMPHREY Watts, AB, AM '63, formerly an associate editor of *womenSports* magazine, is now on the staff of *Redbook* magazine as an associate editor in the articles department. She lives in Manhattan.

WILLIAM J. MORAN JR., BJ, is now vice president for corporate affairs for Ramada Inns, Inc., Phoenix. He had been president of San Francisco-based Moran & Associates for the past three years.

'63

OWEN W. ANGLUM, BS PA, has been appointed government relations manager-Missouri for Armo Inc. He lives in Kansas City.

BILL R. CROCKETT, BS AgE, is now executive vice president and general manager of the Columbia office of Williams & Works-Missouri, Inc., an engineering firm based in Grand Rapids, Mich.

SAM DANKERS, BS Ed, M Ed '66, formerly junior high counselor in Scottsbluff, Neb., for three years, is now vice principal of Scottsbluff Junior High School.

JOANNA P. HASH, BS BA, has joined Intel Corporation of Santa Clara, Calif., as corporate manager of employment and training.

JERRY HITZHUSEN, BS Ed, MS '72, therapeutic recreation extension specialist and instructor in recreation and park administration at the University, has been named a Fellow of the Missouri Park and Recreation Association.

HELMER N. JENSEN JR., BS For, has been appointed an agent for State Farm Insurance Co. in Blue Springs, Mo.

M.I. KUHR, Ph.D, and LOIS GRASS Kuhr, BS '55, have been jointly appointed Danforth Foundation associates at Slippery Rock (Pa.) State College.

LAKE R. STITH, BS EE, has been promoted to the rank of major in the U.S. Air Force. He is assigned to the Military Assistance Advisory Group in Tehran, Iran.

'64

WILLIAM A. CARPENTER, BS BA, is now president and chief executive officer of Commerce Bank of Grandview (Mo.) N.A. He had been president of the Commerce Bank of Harrisonville, N.A.

MICHAEL E. DAVIS, BJ, of Blue Springs, Mo., has been appointed chief clerk for the Jackson County Board of Election Commissioners. He had been serving as a personnel analyst for the county.

SANFORD J. KORNBERG, BJ, was elected president and general manager of McCann-Erickson (Philippines), Inc. in June. He previously held senior management positions with McCann-Erickson-Hakuhodo in Tokyo, Japan, for 6½ years. He lives in Manila with his family.

CAROL BLAIR Loepky, BS Ed, AM '67, MD '77, currently is in her second year of an internal medicine residency at the University's Medical Center.

GERRY POSLER, BS Agr, MS '66, has been named the "outstanding teacher fellow" for the 12-state North Central Region of the National Association of Colleges and Teachers of Agriculture. He is associate professor of agronomy at Kansas State University.

FRED SIEMS, BS PA, formerly city administrator for Des Peres, Mo., now serves in the same position in Blue Springs, Mo.

ALMON L. WILEY, BS BA, has been elected executive vice president and chief executive officer of Security National Bank of Sikeston, Mo.

'65

VERNON AMMON, BS For, MS '66, PhD '72, has been promoted to associate professor of plant pathology at Mississippi State University.

JOHN T. ASHLEY, AB, MBA '70, MD '70, formerly state health officer and administrator of the division of health in Idaho, is now executive director of Truman Medical Center in Kansas City.

GARY T. CHRISTOFF, BS For, MS '66, is now an environmental coordinator in the planning section of the Missouri Department of Conservation in Jefferson City.

GARY COLLINS, M Ed, now serves as head wrestling coach and an assistant professor of health, physical education, and recreation at Northwest Missouri State University in Maryville. He had been a teacher and coach at Graceland College since 1974.

GERALD J. FISHMAN, BS, research astrophysicist at the NASA Marshall Space Flight Center in Huntsville, Ala., recently spent a year in Washington, D.C., at NASA headquarters as part of a career development program. He served as staff scientist in the astrophysics division.

LEONARD KOMEN, AB, JD '70, is now a partner in the Clayton, Mo., law firm, Susman, Schermer, Willer and Rimmel. He lives in Creve Coeur, Mo.

'66

WILLIAM L. BROCKHAUS, BSBA, MBA '67, is now chairman of the board and chief executive officer of the Edward Hyman Company, manufacturer of occupational apparel and work clothing, in Culver City, Calif. He is also a senior executive in a medical equipment development company, partner in a management consulting firm, and real estate partner.

ANDREW L. BROWN, BS Ed, M Ed '67, clinical psychologist at the Berlin American Hospital in Berlin, Germany, received a PhD in psychology from St. Louis University in May.

WILLIAM E. DAVIS, MD, associate professor of surgery at the University, has been accepted as a Fellow in the American Academy of Facial Plastic and Reconstructive Surgery.

Bob Lee gives away steak dinners

In a state where "bigger is better," Bob Lee's Big Texan Steak Ranch in Amarillo ranks as one of the best.

A towering sign invites travelers to try the 850-seat restaurant's feature dish—a 4.5-pound sirloin steak. Free—provided that the customer eat the entire dinner in one hour. "If a person can't eat it all, he owes \$16.95. That's still the best steak buy in the house," says Lee.

"In the last seven years we have had 9,000 people try to eat the dinners; 2,000 have done it. Usually they are not the big, fat guys you would expect, but the tall, skinny ones. Once a 63-year-old grandmother ate it.

"The fastest time was 11 minutes by Frank Pastorie, a relief pitcher for the Cincinnati Reds. One man ate it cold and raw. A wrestler ate two steaks in one sitting," Lee says. Another even did calisthenics while eating.

Lee's interest has not always been selling mammoth steaks. After working on an Air Force newspaper, Lee entered UMC in 1948 to study journalism.

"When I saw all these smart kids from all over the world, I decided to study in a field that was less crowded."

With the help of administrators, Lee drew up a restaurant management degree plan in the College of Home Economics, where he was the first male graduate.

In 1971, Lee converted old Army



barracks into the Big Texan Steak House. The interior decor is reminiscent of a Dodge City Saloon.

Although Lee admits he is not a cowboy, his silk vest, top hat, arm garter, and boots suggest a saloon gambler.

"We all have roles to play when we go out there. It all fits together to complete the whole picture. This is what people think the Old West was."

The Big Texan Steak Ranch is not a normal eatery. The menu advises, "If you're looking for a nice, quiet, sophisticated, intimate place for dining—YOU'RE IN THE WRONG PLACE."—by *Kathy Kerr*

OPAL REED HEATHERLY, AM, retired recently after a 47-year teaching career, including 25 years at Rich Hill (Mo.) High School and 11 years at Westport High School in Kansas City. In 1977 she was chosen Missouri's Journalism Teacher of the Year and, this year, an annual writing award was established in her name by metropolitan Kansas City journalism teachers.

SHELBY G. JONES, BS For, has been promoted to the position of forest products specialist for the Missouri Department of Conservation in Jefferson City.

CARL K. SHERMAN, BS BA, of Creve Coeur, Mo., has been appointed as treasurer of Chromalloy-American Corporation.

'67

WARD CHAMBERS, BS EE, a graduate of the University of Nebraska Medical School, is now in private practice of cardiology in Omaha.

MICHELE CORCORAN Walter, BS Ed, AM '71, a high school French teacher in the Hazelwood (Mo.) School District, has been re-elected to the board of trustees of St. Louis Community College.

JAMES GILBERT HAZEL JR., AB, MD '71, has received a doctor of medicine degree specializing in radiology from the University of Tennessee School of Medicine. He is now a member of the radiology staff at Penicost Medical Center, Hayti, Mo.

HERBERT B. SCHNEIDERMAN, BS Ed, has been promoted to associate director of the St. Louis University Hospitals, where he had been serving as assistant director.

MARY LOUISE TURNER, AB, AM, '68, has joined the faculty of St. Cloud (Minn.) State University as assistant professor in the department of library and audiovisual education and learning resources services.

'68

JOE P. DUNN, AM, PhD '73, was recently appointed chairman of the department of politics at Converse College in Spartanburg, S.C. He has published several scholarly articles and book reviews during the past year.

ALAN HAINEY, AB, JD '71, is now a vice president of Tigor Mortgage Insurance Co. of Los Angeles, with responsibility for sales and marketing in northeastern U.S. He is based in Washington, D.C.

LOIS HULME Hughes, M Ed, PhD '70, has joined the faculty of the University of Wyoming in Laramie as head of the division of home economics in the college of agriculture.

LARRY MOORE, AM, formerly news anchor for KMBC-TV in Kansas City, has joined the KPX-TV news team in San Francisco as co-anchor.

JOHN H. MUELLER, BJ, received a juris doctor degree from Florida State University College of Law in Tallahassee in June.

RICH SELLE, BS For, of Longmont, Colo., currently serves as assistant district forester for the Boulder District of the Colorado State Forest Service. He is director of field operations for the forest service's Front Range Vegetative Management pilot project.

Would anyone knowing the present address of SHARON KAY THOMAS, BJ, please contact W.W. Beasley, P.O. Box 1744, Columbia, Mo. 65205.

'69

ARTHUR C. AVERY, PhD, was presented the H.B. Meek Award for outstanding teaching in the hospitality field at the annual conference of the Council on Hotel, Restaurant and Institutional Education in August. Avery serves as professor and director of institutional management research at Purdue University.

A cystic fibrosis breakthrough

When he was 16, Joel Wallach thought that he had enough of formal education; he wanted to become a pipefitter.

However, his father, a journeyman pipefitter, encouraged Wallach to finish high school and then come to the University, where he received a BS in animal husbandry in 1962, and a PhD in veterinary medicine two years later.

Because Wallach chose school over the Pipefitters apprentice program, it could mean a normal life for some 30,000 children,

adolescents and young adults with cystic fibrosis. His chance finding of the disease in research monkeys challenges the theory that the disorder is inherited and raises the possibility that environmental factors are the cause. The discovery, of course, was followed by intense pathological study of the monkey. . . study which was sufficiently productive to permit Wallach to announce at a press conference in Atlanta last March:

"For the first time, we feel we know what is basically happening in this disease."

"This could be a turning point in the fight against cystic fibrosis," Dr. James A. Peters, medical director of the National Cystic Fibrosis Foundation, said.

The research has continued, of course, and since then Wallach has applied for a research grant from the foundation.

How does Wallach feel about this? His sober comment to the Atlanta press was, "It's very gratifying for a scientist to be in on a discovery of major importance."

His not so sober comment to his father recently on the telephone was, "Hey, pop, not bad for an old horse doctor, was it?"

(Adapted from the *St. Louis Labor Tribune*)



MORRIS D. BROWN, BS BA, has been appointed branch underwriting manager for American Family Insurance Group's American Standard Insurance Co. in St. Joseph, Mo.

DAVID L. DAY, BS CE, has been promoted to chief of the project formulation section of the basin planning branch of the U.S. Army Corps of Engineers in Kansas City.

PAM DUNCAN Backhaus, BS HE, is now owner of Jo Li Da Fabrics in Washington, Mo.

DOUGLAS A. EHRHARDT, BS Agr, MS '70, has been promoted to lieutenant commander, MSC, UNS. Following a three-year tour of duty with the Fleet Marine Force in Okinawa, he has transferred to Oklahoma State University for two years of out-service training leading to a PhD in entomology.

STEPHEN T. FARIES, BS BA, JD '72, is now assistant general counsel for the Missouri Farmers Association in Columbia. He joined MFA in 1972.

LYNNE LAMB Carmack, BJ, formerly manager of promotion development for Foote, Cone &

Belding in Chicago, is now self-employed as a marketing consultant and writer. She lives in Mt. Prospect, Ill.

RICHARD LIVESAY, BS Ed, of Fenton, Mo., recently received a master of science degree from Southern Illinois University in Edwardsville.

JUDY CAROL PROBST Tani, BS Nur, is presently maternal child health supervisor at Beverly Hospital in Los Angeles. She lives in Hacienda Heights, Calif.

'70

JACK H. MORGAN, BS ChE, JD '71, and DEBORAH GARNER Morgan, BS Ed '73, announce the birth of their second child, Jack Garner, in April. They live in Rantoul, Ill.

GARNETT PHELPS, BS Ed, is now head football coach at Louisville (Ky.) Male High School.

RICHARD S. ROSENFELD, BS Ed, M Ed '71, of Manchester, Mo., has been elected to a three-year term on the Rockwood Community Teachers Association executive board, St. Louis County. He was also elected to serve as a National Education Association Delegate to the NEA convention in Dallas.

ROBERT D. WARMBRODT, AB, received a doctor of philosophy degree in botany from the University of Wisconsin-Madison in May.

DONALD E. WOODY, AB, JD '73, is now a partner in the Springfield, Mo., law firm of Taylor, Stafford, Gannaway & Woody and secretary of the Greene County Bar Association.

'71

JACK D. ATTERBERRY, AM, is now director of the campaign reporting division in the Office of the Secretary of State in Jefferson City. He and his wife, Meryl, are parents of a son, David Clark, born in January 1978.

HARLAN HUGHES, PhD, currently serves on the faculty of the University of Wyoming as associate professor in agricultural economics and director of AGNET, a computerized system servicing agriculture.

JANET HULL, BS HE, BS HE '73, is now employed as an assistant regional administrator for New Concepts Foundation, Inc. in Middleton, Wis., which provides programming for the state's handicapped. She previously was a social worker for Developmental Disabilities Counseling/Catholic Social Services in Beloit, Wis.

THOMAS J. LUTHER, BS ME, was recently transferred to Kirtland AFB in Albuquerque, N.M., where he is employed with the U.S. Air Force Weapons Lab.

RICHARD D. NAUMANN, AB, M Ed '72, formerly elementary school principal in Pleasant Hope, Mo., is now principal of East School in Jefferson City.

'72

GARY J. GRAY, MD, is now in private practice of internal medicine in St. Louis. He is on the staff of St. Mary's Health Center.

KENT C. IBERG, MBA, presently is employed as a consumer products planner for Kimberly-Clark in Neenah, Wis.

WILLIAM N. BASKIN, MD, has completed a residency in internal medicine and two-year fellowship in gastroenterology at the University and is now in partnership with Roger Greenlaw in practice of gastroenterology at SwedishAmerican Hospital in Rockford, Ill. His wife, KAAREN SLOAN Baskin, MS '70, MD '76, is completing a family practice residency at Rockford.

BILL CARNER, MBA, has been included in *Who's Who in the Midwest* for 1978-79. He is a partner in Long, Carner and Associates, Ltd., a bank consulting firm in Springfield, Mo.

RODNEY K. CHAPMAN, BS Agr, DVM '77, currently is working as an associate of Dr. Rohlfing at the Hermann (Mo.) Veterinary Clinic.

ELLIOT FISH, BJ, formerly of ICPR Public Relations, announces the creation of Elliot Fish/Marketing Communications, Marina del Rey, Calif.

EUGENE E. GERKE, BS Agr, has formed a business consulting firm, Gerke Economics, in Barrington, Ill. The firm does economic analysis, market research, and management education.

THOMAS M. MORAN, BS ChE, and CATHERINE CASSELL Moran, BS Ed, of Maryland Heights, Mo., announce the birth of a daughter, Sarah Charlene, in March. He is senior research engineer for Monsanto Enviro-Chem. She received a master's degree in education from California State University in May.

THOMAS R. SHROUT, BJ, has joined Ohio State University in Columbus as coordinator of television news.

'73

GERALD BOYD, BJ, formerly city hall reporter for the *St. Louis Post-Dispatch*, is now political correspondent in the newspaper's Washington, D.C., bureau. He is past president of the Greater St. Louis Association of Black Journalists.

DAVE EDMARK, BJ, formerly a reporter for the *Springdale* (Ark.) News, is now Lincoln, Ill., area reporter for the *State Journal-Register* in Springfield, Ill.

JAMES S. HACKETT, BS For, is now employed by E.A. Nord sales company as district manager for Texas and Oklahoma. He lives in Antioch, Tenn.

JAMES L. MILLER, BS Agr, has joined the Michelin Tire Corporation

as territorial sales representative for eastern Kansas.

STEPHEN RAUH, BS CE, and SHIRLEY PERKINS Rauh, BS HE '72, of St. Louis, announce the birth of a daughter, Katrina Marie, in February. He is an engineer for Sverdrup & Parcel & Associates, and she is quantity foods instructor at Beck Area Vocational Center.

KEN W. SNYDER, B.J, formerly chief of public information for the Kentucky Department for Natural Resources and Environmental Protection in Frankfort, is now a copywriter for Price-Weber, Inc., a Louisville advertising-marketing agency.

GARY SOSNIECKI, BJ, is now sports editor of *The Southern Illinoisian*, a regional daily newspaper in Carbondale, Ill. He had been associate sports editor since 1977.

BARBARA THOMAS O'Brien, B.J, is now editor of the annual *Summer Employment Directory of the United States*, a directory for college students published by *Writer's Digest Books* in Cincinnati. She formerly was an editor for the University of Missouri Press.

'74

MARK ANDERSEN, BS OT, MS '76, has received a master of science degree in hospital administration from Ohio State University and is now employed as a staff consultant for the national health care group of Ernst and Ernst in Cleveland.

ROBERT W. (Bob) CHARLTON, BJ, of Midland, Mich., has been promoted to the position of communications specialist in the inorganic chemicals marketing resources group of The Dow Chemical Company, which he joined in 1975.

ROY M. CLARK, BJ, formerly a news reporter for KCCI-TV in Des Moines, has joined the staff of Blue Cross and Blue Shield of Iowa in Des Moines as a communications specialist. His wife, NANCY RICHEY Clark, BS Ed, is employed as compensation and benefits administrator in the personnel department of the company.

J. PAT COSTIGAN, BS For, has been promoted to forest resources planner for the Nebraska Forest Service/University of Nebraska.

ROGER CUNNINGHAM, BS Agr, and FRAN LOEB Cunningham, BS Ed '72, of Sedalia, Mo., announce the birth of a son, Joshua Brent, in August. Roger is employed by Farmland Industries as crop production specialist.

BARBARA EDWARDS Rutter, BJ, is now employed by Valentine-Radford, Inc. in Kansas City as an account executive on the Pizza Hut account, covering an eight-state region. She previously was editor of the in-house newspaper of Gilbert/Robinson, Inc., and production assistant to the director of advertising.

MARLENE HANNA Greiner, BS Nur, and William Greiner announce the birth of their second daughter, Lissa Ann, in July. They live in Joliet, Ill.

JAMES Y. HASH JR., BS BA, has recently joined Pacific Telephone and Telegraph, San Francisco, as marketing specialist in banking.

RANDY HJETLAND, BS For, has been promoted to state forest administrator at Dewey Lake State Forest near Prestonsburg, Ky., with the Kentucky Division of Forestry.

WILLIAM M. HOOD, BS BA, is now employed in the plastics division of General Electric Co.,

where he is in charge of market development for Vaylox for the Cleveland and Michigan areas. He married Alice Reeves in November 1977 and they reside in Akron, Ohio.

BRYSON R. McHARDY JR., AB, recently graduated from the University of South Dakota School of Medicine and has begun a pediatric residency in Indianapolis. He and his wife, CAROLYN KUNZA McHardy, BS Ed '73, are parents of twin sons, Alex and William, born in 1977.

GREGORY OLAF NESS, AB, MS '76, has entered a two-year physician's assistant program at the U.S. Public Health Service Hospital on Staten Island, N.Y. For the past two years, he had been employed as a researcher in occupational health epidemiology for the USPHS in Cincinnati.

JAMES L. RUTTER, AB, of Kansas City, is now an assistant prosecuting attorney in Jackson County.

JOHN E. SCHIBI JR., BS Agr, is now a loan analyst for the Federal Land Bank of St. Louis. He joined the Land Bank system in 1975.

MICHAEL D. SCOTT, BS BA, of Liberty, Mo., is now employed by the Clay County Juvenile Court.

'75

FRED BAZZOLI, B.J, formerly reporter-photographer and news editor of the *Mendota* (Ill.) Reporter, is now police reporter for the *Arlington Heights Daily Herald*.

DONALD BRICHTA, B.J, formerly Wayne County bureau chief for the *Finger Lakes Times* in Geneva, N.Y., is now a reporter for the *Cape Cod Times*, Hyannis, Mass.

CHARLES MICHAEL COWAN, BS Agr, received a master's degree in animal science from the University of Nebraska at Lincoln in July and is now employed as technical manager for Tri-State Breeders Cooperative, Westby, Wis.

PRATAPSINH GOHIL, AB, MS '76, currently is completing the program in clinical sciences at Ohio College of Podiatric Medicine in Cleveland.

CAROL GRANT, AB, has joined Oppenheimer, Wolff, Foster, Shepard & Donnelly, a law firm in St. Paul, Minn., as an associate.

GREGORY HOSS, BS For, is now employed as a resource forester with the Missouri Department of Conservation in Poplar Bluff. His wife, PAT FUCHS Hoss, BS For '76, is a forester in



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Texas Instruments is offering outstanding opportunities to the college graduate whose present position has lost its early appeal and has become a grinding chore. If you are a leader, competitive, enjoy recognition, in accordance with your efforts and would like to be earning between \$25,000 and \$40,000 a year...TI would like to talk to you.

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charge of manpower programs for the U.S. Forest Service, also in Poplar Bluff.

PATRICK O'BRIEN, AM, PhD '76, currently is employed as a staff chemist for the Procter and Gamble Company in Cincinnati.

EDWIN C. SCHWITZKY II, AB, MS '76, formerly sales manager of the Campus Inn in Columbia, is now director of sales and marketing for the Breckenridge Stratford House in Fenton, Mo.

VINCIL McVAE (Mac) BSL, BS Agr, DVM '78, is now on the staff of the Plattsburg (Mo.) Animal Clinic.

'76

ROBERT W. ASH, BS For, is now director of parks for the city of Hays, Kan. He formerly was employed with the Saline (Kan.) Park Department.

BRAD BARNHART, MS, has been appointed principal of John Nowlin Elementary School in Blue Springs, Mo. His wife, **NIKKI FEILNER Barnhart, BS HE '74, AM '76**, is an interior designer for Design Interiors, Blue Springs.

JOHN A. BYRNE, AM, a member of Fairchild Publications' Washington bureau, was selected by the Brookings Institution to take part in a one-month economics seminar program for journalists.

BRIAN E. COOPER, BJ, formerly regional editor of *The (Quincy, Ill.) Herald-Whig*, has been promoted to city editor of the newspaper, which he joined in 1976.

ROBERT DILLMAN, BS For, of St. Louis, has been promoted to construction inspector for Sverdrup and Parcel & Associates, architects-engineers.

MICHAEL HENGEL, BJ, formerly news editor of the *Southwest Times Record* in Fort Smith, Ark., is now news editor for the *Vallejo (Calif.) Times-Herald*.

MARK SCHWARZENTRAUB, BS Agr, has joined Yoder Brothers, Inc., Barberton, Ohio, as a technical salesman for Missouri and eastern Kansas. He lives in Columbia.

LES STERN, BJ, is now associate editor in Washington for *Pensions & Investments* magazine. He had been associate editor in Chicago for the magazine.

PETER B. TODSEN II, BS BA, of Jacksonville, N.C., received his "wings of gold" as a Naval aviator in February. He has also recently been promoted to 1st lieutenant.

Pollnac: studying men of the sea

While most people are concerned about what man is doing to the environment, Richard Pollnac is interested in the reverse.

Pollnac (PhD '72) is a maritime anthropologist whose specialty is man's psychocultural adaptation to the sea.

"The marine environment places different demands on people than land-based operations," says Pollnac. "Working on a boat is a dangerous occupation."

Pollnac studied social and cultural factors of developing a fishermen's cooperative in Panama, has worked with economists and biologists in examining Cost Rican adaptations to marine environment, and recently he's been working toward the development of agricultural and fisheries extension services in the Azores.

In his investigations, Pollnac, associate professor at the International Center for Marine Resource Development, University of Rhode Island, has been exposed to the most primitive methods of fishing, by men who make their living in dugout canoes with no navigational props other than their ability to judge distance and latitude and longitude on the basis of visual estimates and elapsed sailing time.

But he hasn't restricted himself to one end of the spectrum. He's



also zeroed in on the fishermen of New England, studying taboos.

"Marine anthropology is a fascinating area," Pollnac says. "It hasn't been considered much in anthropology, so there are few books on people of the sea and no theory tying it all together."

Pollnac may have a long way to go in making inroads into the vast unexplored field, but he's not likely to get bored trying.

'77

DEBORAH DECKMAN Speer, BS HE, has been promoted to industrial sales representative for Zellerbach Paper Co. in Denver, Colo.

TOM DEW, BS BA, has been appointed manager of the ColorTile store in Birmingham, Ala.

WILLIAM D. FOX, BJ, is now sports editor of the *Evening Sentinel* newspaper in Carlisle, Pa.

ANN M. FRANK, AM, has joined the *Fort Lauderdale (Fla.) News* as feature writer for the lifestyle section. She had been employed by the *Wilmington (N.C.) Star-News*.

JOHN A. MAYFIELD, BS BA, of Kansas City, is now assistant controller for Brewer Advertising.

DEBBY MONTGOMERY, BS BA, currently is employed by the State of Missouri as a recreation therapist at the Marshall (Mo.) State School. She lives in Columbia.

PATRICK D. ROLLENS, BS For, has been promoted from associate forester to forester for International Paper Company. He lives in Gurdon, Ark.

MARY CATHERINE SHERMAN Doyle, MS, has been appointed an assistant professor of nursing at Central Methodist College in Fayette, Mo.

JANETTE WESSLER, BS Ed, presently is teaching vocational home economics at Rock Port (Mo.) High School.

'78

ROBERT HEETH, BJ, is now employed as a reporter for the *Nashville (Tenn.) Banner*.

DAVID G. HOLLIS, DVM, is now associated with the Animal Clinic in West Plains, Mo., specializing in treatment of small animals and dairy practice.

GENE TWELLMAN, BS BA, is now employed as a national bank examiner in out-state Missouri for the U.S. Treasury. He is located in Columbia.

The *Savitor* office needs mailing addresses of alumni who have ordered 1978 *Savitors* in order to forward their yearbooks. Anyone who has not ordered but would like to purchase a copy may send \$12 with a mailing address to Brenda Lester, *Savitor* Editor, 308 Read Hall, UMC, Columbia, Mo. 65211. Yearbooks not distributed by May 1, 1979, become the property of the *Savitor* and the University of Missouri.

WEDDINGS

'69

Linda Koval and JAMES D. CLARK, BS Ed, M Ed '74, June 17 in Wayne, Pa., where she is employed by Cahner's Publishing Company. He is a consultant for the Vocational Research Institute in Philadelphia.

MARY ELIZABETH DACK, BS Ed, M Ed '75, and LARRY DOUGLAS NELSON, DVM '76, June 10 in Columbia. He is practicing veterinary medicine in Indiana.

'70

Maureen M. Fleming and GARY D. HAUN, AB, M Ed '73, June 17 in Milton, Mass. They now live in Kansas City, where she is a retail advertising copywriter for Woolf Brothers. He is employed as a personal lines territory manager for Commercial Union Assurance Co.

Kathi Nurnberg and JOHN JACKSON, BS Ed, June 2. He is a Spanish and English teacher and track coach at Mendota (Ill.) Township High School.

Mary T. Finnegan and Capt. DENNIS E. STEPHENS, BS Agr, March 25 at McGuire AFB, N.J., where they live. Stephens, a USAF pilot, is currently pursuing a master's degree in business management.

'72

MARY R. HOWARD, BS Ed, and THOMAS E. WATSON, AB '71, July 8 in Columbia. They now live in University City, Mo. She is a teacher of the orthopedically handicapped in the St. Louis County Special School District, and he is employed by Southwestern Bell.

'74

Donna M. George and LAWRENCE R. BLUNDRED, BJ, Oct. 7. He was recently promoted to supervisor, national advertising and promotion, for Holiday Inns, Inc., Memphis, Tenn.

Mary T. Ward and ROGER I. BUIE, BS ME, April 8 in Peoria, Ill. They are living in Glendale, Ark.

Cynthia A. Veerman and WILLIAM W. COTTRELL JR., BS Agr, June 10. They live near Grant City, Mo., where he is farming.

Rebecca B. Holbrook and WILLIAM R. PIERCE, BS Ed, July 22. They reside in Maryland

Heights, Mo. She is director of dramatics at Parkway South Senior High. He recently received a master of arts degree in speech from Bradley University and serves as director of forensics at Pattonville Senior High.

DENISE HORST, BS HE, and Gary Word this spring in Kansas City. They are living in Minneapolis.

VALERIE O'FLAHERTY, BS Ed, and TODD SPIEGEL, BS BA, MBA '76, June 3 in Joplin, Mo. They are living in Springfield, Ill.

DEBORAH J. SHOUSH, AB, and RICHARD R. POPP, BS Agr '73, April 22 in Macon, Mo. They live in Jefferson City, where he is assistant manager of Popp's Lawn and Garden Center.

Clausen keeps head in clouds



Marilyn Clausen, BS '75, is a bird of a different feather.

The head of Clausen Consultants, she is a consulting dietitian for five nursing homes--two in St. Louis and one each in Paris, Centraalia, and Fulton.

"It takes more than one house to earn a living. When I realized I wouldn't be able to get them all in one city, I knew I had to find a better way to travel."

So Clausen took to the skies in her own plane.

That is not surprising, considering that her father is a retired Air Force pilot and her brother flies Phantoms for the Navy.

"I really feel that it is cheaper to fly," she says. "More people are

using airplanes in their business because of the time saved." While the motorist is averaging 55 mph, she flies at speeds three times that.

She has been taking flying lessons from Carroll Dohrn, Fulton, for the past 18 months and has logged 130 hours. She already has her Private Pilot's license, and is close to earning an Instrument rating.

To talk with Clausen, one would think flying is the easiest thing in the world, and her opinion is not formed out of naivety. "She is probably the most qualified 130-hour pilot in the world," says Dohrn.

(Adapted from the *Columbia Missourian*)

MARTHA WIENENMANN, BS Ed, and DAVID McLAUGHLIN, BS BA, June 3 in Kansas City. They are employed in Dallas, where he is employed with General Electric.

'75

CAROL BROOKS-PILLING, BS Ed, and Jim Lupardus May 20 in Washington, Mo., where they live. She is a teacher at Coleman school in Villa Ridge, Mo.

NANCY J. GARFIELD, PhD, and Kenneth R. Softley June 24 in Wichita, Kan. She is associate dean, student life and services, at Wichita State University.

CLARA L. GARR, BS ED, AM '76, and TOM H. BOWLIN, BS IE '72, MS '73, PhD '78, Sept. 9. They live in Atlanta, Ga., where he is assistant professor in the school of health systems, Georgia Institute of Technology.

SUZANNE C. LESLIE, AB, and R. Kristin Weaver Aug. 26. She recently received a JD degree from the University of Texas and joined the legal staff of Southwestern Bell Telephone Company in St. Louis.

Mary C. Livingston and DONALD N. MONSON, BS BA, July 1 in Mexico, Mo. They now live in Illinois, Mo. He is employed by Wetterau Food Service Inc. in Scott City.

Sharon A. Allan and JACK L. POLLOCK, BS PA, May 5. He is an administrative accounts specialist for IBM in Sioux Falls, S.D.

LINDA J. SHILLING, DVM, and Daniel E. Scorse Oct. 7. She is associated with the Joplin (Mo.) Veterinary Hospital, and he is senior traffic officer for the Joplin Police Department.

Jean Smith and DAVID R. TORNATORE, BJ, April 22 in Kirksville, Mo. They live in St. Louis, where he is employed by the *Globe-Democrat*.

'76

BETH HORNER, AB, and PAUL E. JOSE, AB '74, May 20 in Columbia. She is a graduate student in library science at the University of Illinois in Urbana, where they live. He is pursuing a doctorate in psychology from Yale University.

DEBRA L. KAMPMANN, BS BA, and Paul G. Hickman April 15 in Eldon, Mo. Both are employed by the A.P. Green Refractories Co. in Mexico, Mo.

CELIA A. KUTZ, BS Agr, and CLAUDE G. GILLETTE III, BS Agr '75, Feb. 11 in South Holland, Ill. They are living in Hanau, West Germany, where she is a 1st lieutenant with the U.S. Army, and he is employed by the Federal Civil Service Commission.

LISA L. LANGEARTELS, BS RPA, and TIMOTHY J. REED, BS RPA, April 22 in Florissant, Mo.

DEBORAH A. LONG, BS Nur, and Richard L. Hughes June 3 in Columbia. They live in Memphis, Tenn., where he is a student at Shelby State College. She is employed as a staff nurse by the VA hospital in Memphis.

VICKIE ROSENHAUER, BS BA, and JAMES R. DANKENBRING, AB '74, JD '77, July 15. They live in Kirkwood, Mo.

'77

MARCIA E. BARNES, BS Ed, and MAX B. BAKER, BJ '78, June 17 in Columbia. They live in St. Joseph, Mo., where she is employed at Eshelman's Music Center and he is an area reporter for the *St. Joseph News-Press*.

Regina L. Carey and JOHN T. BIELSKI, BS Agr, May 20 in Columbia, where they live. She is a student at the University and he is employed by KOMU-TV.

KATHY J. CARTIER, AB, and JOHN W. MAUPIN, AB '72, JD '75, May 28 in Columbia. She is a medical student at the University and he serves as assistant counsel for the Missouri Highway Commission.

DIANE CORDRY, BS Ed, and Bob Logan July 15. She received a master's degree in audiology from Central Missouri State University in May and is now employed as staff audiologist at the University's Medical Center.

Pamela C. Lovan and BERRY A. GOLDSTEIN, AM, April 2 in Long Island, N.Y. He is a geologist for Phillips Petroleum.

Kathleen Donovan and EDWIN W. HANSON II, BS Ed, June 10 in Columbia. He is pursuing a master's degree in music at the University.

LINDA HEADRICK, AB, and DAVID R. SETZER, AB '76, in August 1977. Both are students at Stanford University.

NANCY L. JOHNSTON, BSM, and Bruce K. Bowen June 3 in Columbia, where they live. He is a student at the University's Medical School. She is a graduate student at Massachusetts Institute of Technology.

LINDA T. McGUIRE, BS Agr, and Robert L. Rinne May 27 in Marshall, Mo. They now reside in Kansas City. She is a copy writer for the United Farm Agency and he is a design draftsman for King Avionics.

MARCIA J. MORGAN, BS BE, and JAMES K. LEIMKUHNER, BJ, April 22 in Middletown, Ohio. He is employed by Wallace-Homestead Book Co. in Des Moines as production manager.

Debbie Lueck and DAVID PLATTNER, BS BA, June 17 in Columbia, where they live. He is a certified public accountant for Williams-Keepers-Oliver-Payne-Ruckers Co. and she is a student in the University's School of Nursing.

LINDA ZIMMERMAN, BS RPA, and FRED KLING, BS Agr '76, April 22 in Kennett, Mo. They live in Cameron, Mo.

'78

DONNA BURK, BS BE, and Gary Winter June 8 in Columbia. They now reside in Indianapolis.

DEATHS

R.B. PRICE, LLB '04, June 4 in Columbia at age 96. He had been president and chairman of the board at Boone County Bank in Columbia from 1924 to 1971, when he became chairman emeritus. He recently was cited as the longest-tenured banker in the U.S. Price served as treasurer of the University for 40 years and, in 1961, received the University's Distinguished Service Award. He and his family had long been major contributors to the University.

PRESTON G. ALEXANDER, AB '09, LLB '11, May 31 at age 90. He joined the legal staff of the Bureau of Internal Revenue in Washington D.C., in 1919 and retired in 1957.

CLEO F. CRAIG, BS EE '13, LLB '52, of Ridgewood, N.J., April 21 at age 85. He retired in 1956 as president of American Telephone and Telegraph Company, which he joined in 1913. He served as chairman of the board for the company from 1956 to 1957.

CLARENCE A. (Clair) BURNS, BS Agr '14, of Ponca City, Okla., Sept. 11. He was a partner in the Mid-West Creamery Company in Ponca City from 1919 until he retired in 1970. He earlier had taught at Oklahoma A&M College at Stillwater and was a member of the college's experimental station staff.

DONALD M. EWING, Arts '16, Sept. 2 in Shreveport, La., at age 83. For the past five years, he had been associate editor of the *Shreveport Times*, which he joined in 1937. While a reporter for the Associated Press in 1920, he broke the story of the Chicago Black Sox, resulting in the nationally-known phrase, "Say it ain't so, Joe."

MARY L. FLOOD, BS Ed '16, AM '26, June 4 in Little Rock, Ark., at age 85. She had been a teacher at Central High School in Little Rock from 1926 until her retirement.

WENZEL L. STANGEL, AM '16, May 15 in Lubbock, Tex., at age 87. He was on the faculty of Texas Technological College for 33 years, serving as teacher and dean of the school of agriculture. He had been associated with the Southwestern Exposition and Fat Stock Show in Fort Worth more than 50 years and with the State Fair of Texas since the 1940s.

ALMA BETA, BS Ed '17, AB '18, AM '27, Aug. 29 in Kansas City at age 90. She taught in Kansas City public schools for 46 years before her retirement in 1955.

GRACIA ROWLEY Cady, BS Ed '19, of Sun City, Ariz., June 15 at age 82. She was a former dietitian at Barnes Hospital in St. Louis. Her husband, LEE D. CADY, AB '18, survives.

JOHN OLIVER EMMERICH SR., AM '20, Aug. 17 in Macomb, Miss., Aug. 17 at age 81. He had been editor and publisher of the *McComb Enterprise-Journal* for more than 50 years and was the recipient of numerous editorial awards during his career.

Col. R. C. LEWIS, BS Ed '20, July 1 in Columbia at age 82. He served as a pilot in World War I, in the headquarters of the U.S. Air Force in World War II, and as air adjutant general of the Fifth Air Force in Korea during the Korean War. He also served as athletic director at Beaumont High School in St. Louis for 18 years. While a student at Mizzou, he held the University boxing championship for three years.

JAMES C. HARVEY, Arts '21, Aug. 24 in Kansas City at age 76. He was a school photographer for Associated Photographers Inc. for 39 years before he retired in 1976.

RUDOLPH R. CONRAD, BS Agr '22, of Bowling Green, Mo., July 30 at age 83. He had been employed by the U.S. Soil Conservation Service in Pike County for 28 years, retiring in 1964. He earlier had taught vocational agriculture in various Missouri schools.

CHARLES WILLIAM GAINES III, BS Agr '23, of Clinton, Mo., June 19 at age 78. He was a farmer.

RUBY PRUNELLA JONES Wall, BJ '25, Aug. 18 in Cleveland. She had lived for nearly 40 years in Chevy Chase, Md., and other suburbs of Washington and was active in genealogical societies and in writing local histories.

JOHN W. GRAVES, BS BA '26, of Wichita, Kan., Aug. 19.

REITA WILSON Welborn, BS Ed '27, June 29 in Kansas City. She had been a teacher for 30 years in Kansas City area schools and in Stratford, Conn. She retired in 1970.

LENA LOU LAWRENCE, BS Ed '27, of San Angelo, Tex., Aug. 11 at age 82. She was a school teacher for 31 years in several states before she retired in 1957.

ALBERT J. BERGMAN, BS Ed '28, AB '30, AM '33, PhD '42, July 24 in Waterloo, Iowa, at age 75. He was a former research biochemist in the pharmaceutical laboratories of Sterling Drugs in Albany, N.Y.; Quaker Oats Co. in Rockford, Ill.; and Roth Packing Co. of Waterloo. After retirement he was a clinical chemist at Allen Hospital Laboratories in Waterloo.

CHRISTINE DIEHL Hogin, AB '28, of St. Thomas, Virgin Islands, Aug. 15 at age 71. She was a former dean of women and director of student activities at Kansas City University, and dean of women at Carthage College in Kenosha, Wis. Her husband, WILLIAM C. HOGIN, Law '28, survives.

JULIA T. BROGAN, BS Ed '29, July 3 in Kansas City at age 81. She had been an English and home economics high school teacher in the Kansas City School District before retiring in 1963.

MINNIE SIEVERS, BS Ed '29, of Centralia, Mo., May 13 at age 94. She was a former teacher for 30 years in rural schools in Boone and Audrain counties in Missouri.

JAMES H. DOUGHERTY, AM '30, PhD '33, April 21 in Denton, Tex., at age 77. He was chairman of the elementary education division in the school of education at North Texas State University for 30 years, retiring in 1971. He received an Outstanding Educators of America award in 1972. His wife, ELIZABETH HURTT Dougherty, BS Ed '32, survives.

MYLES SPIRO FRIEDMAN, AB '30, LLB '31, of Fort Smith, Ark., Aug. 13. His wife, the former IDA SPAHT, BS Ed '30, survives.

GLENN PROSSER, BJ '30, of Estes Park, Colo., May 2 at age 70. He was owner and publisher of the *Estes Park Trail* newspaper from 1947 to 1967 and later worked as a free-lance writer, photographer and owner of an advertising agency.

GUSTAV E. WILKE, BS Eng '30, of Brooklyn N.Y., July 2 at age 73. He was employed by Laclede Gas Company in St. Louis before his retirement in 1970.

F. OLIN CAPPS, AM '31, PhD '39, June 14 in Jefferson City at age 76. He was a former teacher, principal and superintendent in Missouri schools; superintendent of education for the Missouri Conservation Department; chief of the U.S. Fish and Wildlife Services conservation education office; and professor in the college of education at East Tennessee State College. He retired in 1969.

JAMES SULLIVAN McATTE, Arts '31, of Larchmont, N.Y., July 29 at age 65. He was owner of Dunkin Donuts stores in Larchmont and Harsdale.

VERNON W. MEYER, Arts, Eng., Law '32, Aug. 12 in St. Louis at age 67. He had been a St. Louis circuit judge since 1965. He earlier served as referee-in-charge for the Workmen's Compensation Commission's St. Louis office.

GEORGE DuPREE OSBORN JR., Arts '32, June 25 in Joplin, Mo., at age 65. A lifetime Joplin resident, he had owned the Osborn Bond Company for several years. He was a past president of the University's Alumni Athletic Council and former member of the University's Athletic Committee.

INEZ REBECCA DAHL, BS Ed '33, Sept. 19 in Kansas City at age 78. She was a former director of admissions and business

management teacher at the Kansas City Junior College. She also had been a secretarial teacher at Central High School in Kansas City.

MARVIN F. BEACH, AM '34, July 26 in Kenosha, Wis., at age 93. He was superintendent of the Moberly, Mo., school system from 1920 to 1944, then served as a teacher and school superintendent in other Missouri schools until he retired at age 77.

ROBERT O. (Bob) GODDARD, BJ '35, May 15 in St. Louis at age 65. He was a member of the *St. Louis Globe-Democrat* staff for 41 years and had written the "In Our Town" column for more 30 years. He also served as the newspaper's entertainment editor. An annual scholarship has been established in his memory in the University's Journalism School.

EDWARD A. GLENN JR., LLB '36, of Louisiana, Mo., Aug. 24 at age 66. A Louisiana attorney since 1936, Glenn had also served as city attorney of Clarksville, Mo., and Louisiana and as interim probate and magistrate judge of Pike County.

CLARENCE L. MURPHY, AM '38, May 17 in St. Charles, Mo. He had been a teacher and principal in Missouri schools, served as director of education at the Alcoa Correctional Farm in Jefferson City, and then taught at Northeast Missouri State University until his retirement as professor emeritus of education. His wife, the former VIRGINIA PRICHARD, Arts, Grad '36, survives.

JOHN (Jack) LEACHMAN OLIVER SR., AB '38, June 2 in Cape Girardeau, Mo., at age 61. He was the senior partner in the Oliver, Oliver and Jones law firm in Cape Girardeau and had served as president of the Missouri Bar in 1970-71.

DAVID ANGUS DICKENS, B&PA '39, of St. Joseph, Mo., Aug. 3 at age 61. He was a partner in the McWilliams, Burnham, Dickens & Fiquet insurance company.

ROLPH FAIRCHILD, AB '39, BJ '40, of Fremont, Calif., July 3 at age 61. He was a former editor of the *Fremont-Newark Argus* newspaper, AP and UPI reporter, executive editor of the *Daily Report* in Ontario, Calif., and editorial writer for the Westchester Rockland Newspapers in White Plains, N.Y. He and his wife were co-owners of a book and relic shop in Fremont.

JOHN A. LLOYD, Agr '39, of Denver, Colo., May 30 at age 61.

GLENN C. HOSKINS, AM '40, PhD '49, of Richardson, Tex., June 25 at age 66. He had retired in 1976 as director of the teacher preparation program and associate dean of the school of humanities and sciences at Southern Methodist University in Dallas, which he joined in 1948. He was a former city councilman and mayor for the city of Richardson.

HESTER LEE Stoddard, Home Ec '40, July 9 in St. Louis at age 79. She was a former teacher in several Missouri schools.

CHARLES G. YOUNG JR., LLB '40, of Leawood, Kan., May 19 at age 61. He was president of Investors Fiduciary Trust Co. and a former president and board chairman of the United Missouri Bank of Kansas City.

ALVA (Pat) CLARK, BS Agr '41, May 31 in Independence, Mo., at age 66. He had been an economist for University extension for 10 years and for the milk marketing administration of the U.S. Department of Agriculture for 20 years before his retirement in 1970. He was also a farmer. He is survived by his wife, MARY JEAN LENTZ Clark, BS HE '43.

OLGA OWEN Hoke, M Ed '41, May 12 in Dallas at age 64. She had lived in Dallas 32 years and was a former public school teacher. Her husband, FRANK A. HOKE, Arts, Law '33, survives.

FREDERICK J. MARSTON, PhD '42, May 26 in St. Joseph, Mo., at age 80. He was a former teacher, coach, dean, and president at Kemper Military School in Boonville, Mo.

STANLEY L. BOXERMAN, BS BA '43, of University City, Mo., June 7 at age 56. He had been an office manager for Wholesale Furniture Co. for 26 years.

WINSTON COOK, AB '48, LLB '50, of Jefferson City, May 8 at age 53. He was an attorney with the Cook, Vetter & Doerhoff law firm in Jefferson City. He had served as a special assistant attorney general for Missouri from 1953 until 1958 and as chairman of the Missouri Commission on Human Rights from 1961 to 1963.

JOHN HOSMER, LLB '48, June 11 in Springfield, Mo., at age 56.

A Springfield lawyer for 30 years, Hosmer was a former Webster County prosecuting attorney, probate-magistrate judge, and public defender of the 30th judicial circuit. He was also co-owner of the *Daily Events* newspaper.

ROY MCGREGOR, AB '49, LLB '51, July 24 in Wichita, Kan., at age 55. He was sales manager, a vice president, and on the board of directors of Beech Aircraft Corp. in Wichita. He joined the firm in 1951.

ROY L. JACOB, BS PA '50, June 20 in Columbia at age 54. He was vice president of the Citizens Savings Association of Columbia since 1974 and an employee of the association since 1960. His wife, the former DOROTHY MANSUR, Arts, Educ '40, survives.

EDGAR KRUSE, BS Agr '50, July 14 at age 54. He was president of Buse's Flower and Gift Shop in St. Charles, Mo.

BURDELL O. BUERGER, BS BA '51, Nov. 2, 1977, in Denver, Colo. He had retired in 1977 from the U.S. General Accounting Office after more than 25 years of federal service, the last five as assistant regional manager of the Seattle (Wash.) Regional Office.

BILLIE JEAN COX Aldridge, BS Ed '53, March 21 in McLean, Va. She had served as speech therapist in Missouri and North Virginia public schools and as a speech pathologist in private practice. Her husband, DAROLD ALDRIDGE, BS STA '54, MS '55, survives.

DAVID R. GRIFFITH, AB '53, MS '57, PhD '60, of Ames, Iowa, May 14 at age 47. He was professor of zoology at Iowa State University, which he joined in 1962. His wife, the former JANET (Joni) WINSLOW, BS Ed '61, survives.

RALPH WESLEY MARLER, M Ed '54, July 3 in Springfield, Mo., where he was a building contractor. He was 54.

MALCOLM A. ESSEN, BS Agr '55, of New Bloomfield, Mo., July 12 at age 55. He was a former teacher, rehabilitation counselor for the Missouri Bureau for the Blind, nursing home administrator, and administrator for the Old Age Transportation Service.

BILL KRAXBERGER, BS Ed '55, Sept. 1 at Bethesda (Md.) Naval Hospital at age 44. He had retired in 1975 as a lieutenant colonel in the U.S. Marine Corps after 20 years of military service. His wife, the former DOROTHY SELCK, BS Ed '56, survives.

BENTON DUNCAN WEATHERS, BS EE '56, MS '58, June 26 in Springfield, Ill., at age 43. He was manager of engineering computer services for Sangamo-Weston, Inc. in Springfield and had been a member of the electrical engineering faculty at the University from 1964-69.

RICHARD A. HINDMAN, BS BA '62, of St. Louis, April 22 from injuries received in an automobile accident. He was employed as a commodities broker in St. Louis. His wife, the former JEAN PERRY, BS Ed '64, M Ed '77, survives.

GRACE ORAM Snider, M Ed '62, June 13 in Columbia at age 61. She was a former teacher in Missouri schools and has served as secretary of Grant Elementary School in Columbia for the past 20 years.

JOHN GAYLORD HARRIS, BS Agr '63, of Blenheim, Ontario, Canada, Aug. 16 in an automobile accident at age 40. He was president of Pioneer Hi-Bred, Ltd., in Chatham, Ontario. His wife, MARILYN MILLER Harris, BS Ed '63, survives.

DOROTHY MOODY Price, BS HE '65, MS '68, June 30 in Columbia at age 61. During her career, she had worked as a legal secretary and as an instructor in nutrition and dietetics at the University's Medical Center.

GAY MOORE Carter, M Ed '67, of Scotia, N.Y., July 24 at age 38. She was a former physical education teacher in Michigan and Wyoming public schools. She had won numerous tennis titles in the Schenectady area and was a collegiate badminton champion.

RAYMOND J. MOSLEY, EdD '67, of O'Fallon, Mo., June 3 at age 54. He was assistant superintendent of the Fort Zumwalt Public Schools. He earlier had served as superintendent in Missouri's Novinger, Callao, New Cambria, Bethel and Milan school districts and was on the faculty of Southeast Missouri State University for seven years. His wife, MAXINE ELLSWORTH Mosley, AM '65, survives.

LONNIE E. SCHELP, BS For '69, of Concordia, Mo., June 3 at age 31. He had been farming near Concordia since his return from military service in 1975.

C. DAVID ANDERSON, PhD '72, of New Franklin, Mo., May 20 at age 52. He was a professor and former chairman of the department of regional and community affairs at the University, which he joined in 1966. He previously held advisory positions in community development with the Near East Foundation, the International Cooperation and the Agency for International Development.

JOHN RIGDON, MD '74, in June in Memphis, Tenn., at age 34. He was a physician and chief of staff at Dunklin County Memorial Hospital in Kennett, Mo.

GREGORY R. SHOEMAKER, BS BA '75, of Sedalia, Mo., May 16 at age 25. He was vice president of Roth's department store in Sedalia.

STEPHEN W. ALLINDER, BS FW '76, of Olathe, Kan., May 20 in an automobile accident at age 25.

BOOKS

By alumni

The Cardiovascular Care Unit: A Guide for Planning and Operation by Dr. Glenn O. Turner, BS Med '40

Dr. Turner explains how community, regional, or metropolitan hospitals can upgrade and reorganize their cardiac and pulmonary care facilities to maximize the quality and timeliness of patient care. Included are designs for CCUs which alleviate the psychological stress of critical illness, often as dangerous as the original physical emergency. John Wiley & Sons, New York. 512 pp. \$19

CPA Review, 2nd Edition, Volume 1, Practice Theory Auditing Law, and Volume 2, Suggested Solutions for Review Questions by Thomas D. Hubbard, MA '63, PhD '69; Larry N. Killough, PhD '69; and Ronald J. Patten

A concise review of all topics tested on the CPA examination, including selected coverage of recent and important official accounting pronouncements. John Wiley & Sons, New York. 139 pp. \$39.95

Poetry Per Se

by Jay E. Minton Sr., AB '19, JD '20

A collection of poems reflecting the poet's impressions and his personality. 41 pp.

Successful Songwriting by Carl E. Bolte Jr., BS BA '51, AB '55

Professional songwriter, Bolte, offers his 25 years of study and experience to help others become better at this craft and successfully present their talents to the commercial market. Holly Productions, Kansas City. \$10

Crystal Oscillator Design and Temperature Compensation

by Marvin E. Frerking, BS EE '58

A guide showing how to design and optimize nearly any crystal oscillator used in commercial or military electronics. It covers the latest technology in the field. Van Nostrand Reinhold, New York. 237 pp. \$16.95

The Refractories People; A History of The A.P. Green Refractories Co. by Orville H. Reed, BJ '33

Founded in Mexico, Mo., in 1910, the A.P. Green Refractories Co. has grown to be a substantial multi-national company with 20 plants within the United States, and with partial or complete ownership or licensing agreements with some 37 other plants in 16 other countries. A.P. Green Refractories Co. 177 pp.

Black Jews in America

by Graenum Berger, AB '30

A comprehensive, authentic study of the assorted people called Black Jews. Commission on Synagogue Relations Federation of Jewish Philanthropies, New York. \$5

What Every Corporate Executive Needs to Know About Dealing With the Financial Press

by Sam Justice, BJ '35

Based on the author's 20 years of experience as a reporter and editor plus an additional 20 years experience as a public relations practitioner. Shareholder Press, New York. \$35

The Anti-Lynching Movement: 1883-1932

by Donald L. Grant, AM '70, PhD '72

Organization's book is a study of the organization and politics of lynching, anti-lynching legislation, the press, education, the church, militancy, migration and reform. R and E Research Associates, San Francisco. \$10

Indexes to The Competitor

by Mildred Bricker Grant, BS '40, AM '71

This work provides access to material published in *The Competitor*, a national magazine

published in the 1920s, covering every aspect of Black life. Greenwood Press Inc., Westport, Conn. \$18.95

How to Make the Purchase Part Cycle Work to Your Company's Advantage

by Dick Amann, BS '68

This attack of many traditional business and government truisms offers alternative methods which are guaranteed to increase a company's profit. Programmed Studies, Inc., Stow, Mass. \$19.95

New from University Press

Jules Simon: Republican Anticlericalism and Cultural Politics in France, 1884-1886

by Philip A. Bertocci

A study of middle-class republican anticlericalism in France in the latter part of the 19th Century, Jules Simon, moralist, philosopher and politician is the focal point. 218 pp. \$17

Curs'd Example: The Duchess of Malfi and Commonweal Tragedy

by Joyce E. Peterson

Taking a new critical approach, Peterson argues that the genre and context in which *The Duchess of Malfi* was written would have reinforced the play's rhetorical perspective and invited Jacobeanism to see the Duchess primarily as a ruler whose private desires are at odds with her political responsibility. 122 pp. \$13

The Van Gogh Field and Other Stories

by William Kittredge

In this collection of stories, Kittredge works against the clichés of what is "Western" to explore the reality of contemporary life in the American West. 147 pp. \$9

Infinite Jest: Wit and Humor in Italian Renaissance Art

by Paul Barolsky

Filled with interesting information and enlightening comparisons, this book is a delightful antidote to the high seriousness of the allegorical, iconographic, and Neoplatonic interpretations that have dominated recent studies of the Renaissance. 224 pp. \$34

George Herbert: An Annotated Bibliography of Modern Criticism, 1905-1974

by John R. Roberts

This bibliography is the first to collect and fully annotate the critics' criticism and scholarship written on Herbert, described as "the author of the best extended collection of religious lyrics in English." 279 pp. \$23

The Pattern of Judgment in the Queste and Cleanness

by Charlotte C. Morse

This new and comprehensive reading of the *Queste del Saint Graal* and *Cleanness* sees both works as part of the large body of medieval literature that urges men to repent so that the Day of Judgment may be a day of joy. 238 pp. \$16.50

FORUM

Too much sports?

To the editor:

I feel impelled, even though no longer a dues-paying member of the Alumni Association, to tell you the reason for my disinterestedness and disenchantment with the University.

Mizzou may be the oldest state university west of the Mississippi, but it needs to grow up. The immaturity that I sense in it is shared with many other schools, particularly the large state universities. Missouri's *Alumnus* seems to be written for (a) sports-minded alumni, whom I feel are in the minority, not the majority, and (b) for graduates at the 12th grade level, not university-trained people. (If you'd like to know what college publication to emulate, and there may be many, I'd refer you to Washington University's, which I see regularly because my wife's an alumnae.)

I don't give a damn whether Missouri is in the top 10 or top 20 in football or basketball. Yes, it's nice to hear that they've beaten Kansas at least as often as they've lost to it, but this ungho, sophomore attitude of having to win everything tends to cheapen, not enhance an educational institution.

In my opinion, universities worthy of the name have no business competing with each other on a professional athletic basis. I admire the University of Chicago, Washington, and most of the Ivy League schools, Oberlin, etc., for NOT going in for professional athletics. I see no reason whatever for athletic scholarships and nationwide recruiting of athletes. I'm all for high scholastic standards.

I'd like for the *Alumnus* to be writing up alumni and professors who are doing something in their professions or communities, to give

the rest of us inspiration. And please don't overwrite those stories. Just let the facts speak out--omit the puffery.

I feel no obligation to include U of M in my estate planning or annual support. If you'd like to know the kind of institutions my wife and I do contribute to regularly--Meharry Medical College and School of the Ozarks.

Arthur R. Ocker, AB '25
Hendersonville, N.C.

He'd rather walk

To the editor:

I graduated from the University more years ago than I care to recall; but this just arrived *Mizzou* has moved me into writing this letter. I graduated from the Engineering School, and have been an engineer all my working life. I am now retired, twice, first from the Hughes Tool Company, and then from M.W. Kellogg, now known as Pulman-Kellogg. I did my graduate work here in Houston at the University of Houston, and my only daughter received both of her degrees from the same school.

But what truly evoked this letter was the picture entitled "Free Shuttle Service." I couldn't help but contrast with the walking we did during my undergraduate days. My freshman year, for example, I lived three blocks east of the White Campus; but almost all of my classes were on the Red Campus, which, needless to say, demanded a lot of walking.

I mentioned the University of Houston; well, most students live right here in Houston and most students have cars, so there are parking lots. All the same, you still do a lot of walking, as I learned, and as my daughter also learned.

Charles H. Griswold, BS Eng '34
Houston, Tex.

Applause for Spiegel

To the editor:

Just got the latest issue of *Mizzou*, and really enjoyed the feature story on Fred Spiegel. I, too, remember him as the best professor I ever had. Those who did not have the privilege of being taught by him will probably think "he can't be that good," but I have been thankful to have been one of his students.

Enclosed is my check for my annual membership in the Alumni Association.

Here's to another great year for O! Mizzou!!

Bill Widmer, BS PA '60
Salisbury, Mo.

CALENDAR

Coming events of special interest to alumni

November 10, Alumni Association Executive Committee Meeting, Alumni Center.
November 10-11, Honor County Weekend '78, Columbia.
November 10-11, Development Fund Board of Directors meeting, Alumni Center.
November 11, Alumni Communications Committee meeting, Alumni Center.
November 11, St. Louis-Kansas City Chapter Open House, Alumni Center.
November 11, Fourth Annual Tourin' Tigers Reunion, Alumni Center.
November 12, New Jersey Chapter meeting, New Jersey.
November 13, Washington, D.C. Chapter meeting, Washington, D.C.
November 13, Education Reception, MSTA meeting, Lake of the Ozarks.

November 15, National Merit Scholar Day, Columbia.
November 18, Nebraska Pep Rally/Bufet, Lincoln.
November 18, Concert Series, Rome's I Musici, Jesse Auditorium.
November 18, Platte County Chapter bus trip, Lincoln.
November 18, Women's basketball, Minnesota, Hearn's Building.
November 20, Men's Basketball, Bulgaria, Hearn's Building.
November 21, Concert Series, Marilyn Horne, Jesse Auditorium.
November 27, Men's Basketball, Butler, Hearn's Building.
November 28, Women's Basketball, Southeast Missouri State, Hearn's Building.

December 1-2, Men's Basketball, Show-Me Classic, Hearn's Building.
December 2, Morgan County bus trip, Columbia.
December 5, Men's Basketball, Illinois, Hearn's Building.
December 8-9, Women's Basketball, Mid-America Classic, Hearn's Building.
December 11, Men's Basketball, Cal State-Sacramento, Hearn's Building.
December 14, St. Louis Chapter Christmas Party, St. Louis.
December 18, Men's Basketball, Alabama, Hearn's Building.
December 21, San Diego Chapter meeting, San Diego.
December 23, Phoenix Chapter meeting, Phoenix.
January 14, Washington, D.C. Chapter meeting, Washington, D.C.

ALUMNI ASSOCIATION

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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From The Association



New members of the Alumni Association Board of Directors include, Epple, Columbia; second row: Ira G. Hubbell, Columbia, John Ross, left to right, first row: Jim Thompson, Harrisonville; Tom Neher, Baring; Vern Jones, Charnette Norton and Tom Eblen, Kansas City; Union; Rich Pecora, Phoenix; Arthur Smith, Lakeland; Fla.; Jerry Richard D. Kinder, Cape Girardeau; Roger M. Phillips, Kansas City

Alumni to form joint athletic committee

A new Alumni Athletic Committee containing both men and women members will be formed this fall after the Alumni Association's Board of Directors abolished the separate men and women's committees at its meeting Sept. 22 at the Alumni Center in Columbia.

A total of 46 directors from

throughout the state and nation attended.

The need for a new athletic committee is partially the result of a restructuring of the Committee on Intercollegiate Athletics, the campus group that advises the Chancellor on athletic matters. That group has been reduced from 13 to 11 members to comply with an

NCAA rule that requires a faculty majority on such committees. One alumni member and one student member were eliminated.

One of the functions of the Alumni Athletic Committee is to recommend alumni members to the Chancellor for the IAC.

The alumni members cur-

rently on the IAC, to serve until June 30, 1979, are Bill Nowell, Mexico, Mo.; Bill Kircher, Kansas City; and a first-time appointee, Bill Cocos Jr., St. Louis.

By June 30, the Alumni Athletic Committee is to have developed a procedure for recommending both men and women to the IAC.

Karsh plays for Tiger songfest



The fall meeting of the board of directors ended with cordials and cordiality. Professor Robert F. Karsh, PhD '48, led the group in a spirited rendition of "Fight Tiger." A professor of public administration and political science at Mizzou since 1947, Karsh composed the music and Donald M. Mackay wrote the words for this winning entry to a 1946 contest to select a new fight song.

Tourin' tigers make '79 plans

"The Tour Committee plans tours that will appeal to the novice as well as the experienced traveler. Travel to other countries provides the understanding we need of other cultures," John Acuff, committee chairman said.

This year, Tourin' Tigers will be packing their bags for a Panama Cruise, Feb. 3-17; a Caribbean Holiday, at La Troc, March 2-9; a trip to England and Scotland, April 11-19; a trip to Ireland, July 17-25; a Danube River Cruise and an Istanbul Escapade, Sept. 30-Oct. 14; and an "Orient Express" tour Oct. 5-15.

"Group travel with the Tourin' Tigers is inexpensive and the places are exciting," Acuff said.

For additional information on these trips, write Tourin' Tigers, Alumni Center, UMC, Columbia, Mo. 65211.



Royalty finalists lead homecoming spirit

The Homecoming queen finalists, left to right: Marcella Curry, University City; Leigh Ann Rosher, Blue Springs; Debbie Durk, Columbia; Sandy Etz, Ballwin; Jane Maune, St. Louis; Jeanette Pai, Overland Park, Kan.; and Cindy Calderello, Moberly; pose for one more photo as king finalists, Dwayne Richards, Waynesville; Scott H'Doubler, Springfield, Ill.; Rich Ramsey, Parma; Kelly Grant, Bolivar; Terry Coffelt, Sedalia; and Chuck Treasure discuss the festivities. 1978 king and queen were announced at the Homecoming Luncheon preceding the Mizzou-Colorado game.



J. Harold Bragg



Betty Cole Dukert



Marian V. Hamburg



Harold S. Hook



Robert N. Hunter



Mary M. Lago



Joseph T. McGinity



John W. Megown



Edward J. Metzner



John B. Miles



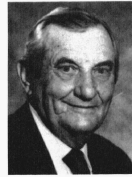
Grant S. Nelson



William Harvey Pfander



Ike N. Skelton



John Sam Williamson

The Alumni Association honored eight alumni and six faculty members at the 11th annual presentation of the Faculty-Alumni Awards October 6. Since 1968, some 227 of these prestigious awards have been presented.

The 1978 awardees are: J. Harold Bragg, chairman and chief executive officer of Win-

nebago Industries, Forest City, Iowa; Betty Cole Dukert, producer of *Meet the Press*, Washington, D.C.; Marian V. Hamburg, chairperson of the department of health education, New York University, New York City; Harold S. Hook, chief executive officer of American General Insurance Company, Houston, Tex.; Robert N. Hunter, chief en-

gineer of the Missouri State Highway Department, Jefferson City; Mary Lago, associate professor of English; Joseph T. McGinity, professor of veterinary medicine and surgery; John W. Megown, vice president and director of marketing and public affairs with Vigortone Products Company, Cedar Rapids, Iowa; Edward J. Metzner, profes-

sor of family and consumer economics and professor of agricultural economics; John B. Miles, professor of mechanical engineering; Grant S. Nelson, professor of law; William Harvey Pfander, associate dean for research, College of Agriculture; Ike N. Skelton, United States representative, Lexington, Mo.; John Sam Williamson, farmer, Columbia.

4,500 attend activities

Alumni get Winnebago



The Chancellor visits with Kathy Skelton, Dutton Brookfield and John Skefton at the roundup at Brookfield's Lee's Summit ranch.



G.H. Entsminger, Gerry Thompson, Harold Bragg and Don Faurot stand before the Winnebago presented to the Alumni Association.

Introductions of Chancellor Barbara Uehling and Athletic Director Dave Hart, National Merit Scholar recruiting dinners in St. Louis and Kansas City, and pre-game rallies at away football games highlighted Alumni Association activities during the first six weeks of the academic year.

Forty activities involved 4,500 persons.

The annual Cole County picnic attracted its all-time record crowd, 600 persons, and the St. Louis chapter of Engineering alumni hosted a seminar for 175 interested high school seniors and their parents.

The Alumni Association was presented with the use of a Winnebago travel van Sept. 6, by Harold Bragg, BS '43, president and general manager of Winnebago, and Gerry Thompson, BS '61, general sales manager.

Vice Chancellor G.H. Entsminger accepted the gift for the

Association on behalf of President Jerry Tiemann and the Board of Directors.

The eight passenger vehicle will be available for the use of small groups of students and faculty, such as golf squads and livestock judging teams, for travel, largely in the state of Missouri.

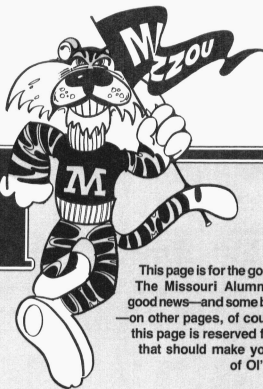
Tournaments raise athletic scholarship funds



On August 18, the Alumni Association sponsored its State Golf and Tennis Championship Tournament. Regional tournament organizers presented the activities' proceeds to the athletic department's scholarship fund. Left to right: Lynn Willbrand of Columbia; Mary

Jane Landbreth of Joplin; Sharon Baysinger, assistant director of Alumni Activities; Bob Ballmeyer of Jefferson City; Jean Cerra, assistant athletic director; Dave Hart, athletic director; Donna Schultz of the Lake of the Ozarks; and Al Moore of Chillicothe.

Mizzou RAH



This page is for the good news. The Missouri Alumnus runs good news—and some bad news—on other pages, of course. But this page is reserved for items that should make you proud of Ol' Mizzou.

UNIVERSITY GETS ONE-OF-A-KIND LABORATORY

The University of Missouri-Columbia will become this nation's focal point for microcirculation research as the result of Dr. Patrick Harris' winning a one-of-a-kind lab in a national contest. Estimated to be worth at least \$250,000, the lab now resides at the California Institute of Technology in Pasadena, where its inventor, Dr. Harold Wayland, gained international fame. But Wayland is retiring and he wanted a competition to determine the future site of his lab. A committee of internationally known biomedical scientists chose Harris and Mizzou. The Missouri group will use the equipment to investigate the effects of drugs and naturally-occurring agents on the vascular systems of rats with induced high blood pressure.

INFORMATIONAL SCIENCES PROGRAMS RANK FIRST IN NATION

Programs in informational science and library systems analysis at the University of Missouri-Columbia rank first in the nation, according to a recent survey among accredited library schools. Twenty-six deans responding to the national questionnaire ranked Mizzou's School of Library and Informational Science among the top 10 in six of 39 categories. The school ranked second in informational management, fourth in automation of library processes and seventh in specialization for audiovisual and production for school media centers. It was among the top 10 in librarianship for rare books and for medical and health science. The school is the only one in Missouri and in Big Eight universities with a graduate library program accredited under new American Library Association (ALA) standards.

RUSK REHAB CENTER RECEIVES HIGH MARKS

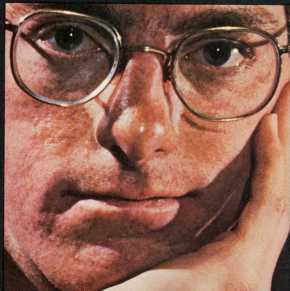
Mizzou has become one of only 11 spinal cord injury centers in the country, thanks to a \$250,000 federal grant awarded the University and Rusk Rehabilitation Center. Earlier, HEW approved \$108,000 for the first year of a three-year grant for support of educational programs in rehabilitation. The Peer Review group that recommended the grant cited the Rusk Center as "number one in the country" among the programs they reviewed.

NO 'DUMB JOCKS' AT MIZZOU

Don't refer to the average Mizzou football player as a "dumb jock" — at least not within earshot of two people who monitor the athletes' academic progress. "To us it's just a bad joke," says Dr. Charles Schmitz, academic counselor, and Allen Parish, who heads the Tiger tutorial program and is also an academic counselor for the Athletic Department. "Do people know that the University of Missouri has tougher entrance requirements than any other Big Eight school, and, for that matter, most of our opponents?" Mizzou's 1978 incoming freshman footballers show a collective 3.0 grade point average on a 4.0 scale out of high school, and their high school rank is at the 68 percentile, or the upper one-third of their high school graduating class. Last year, the average football player at Mizzou — besides practicing 30 hours each week — carried 14.3 classroom hours each semester. The average UMC student carried 13.5 hours. The GPA for the team was 2.5.

ASK

ALUMNI SHARING KNOWLEDGE



ASK: Alumni Sharing Knowledge. And with students at Ol' Mizzou. What could be more rewarding?

Too often, many students are totally unsure about their occupational futures. This is especially true of undergraduates in the liberal arts. But when these students can visit informally with people already working in a particular field, they are likely to get a clearer idea about what they want to do.

Such a program exists at Mizzou. And it works. Thanks to alumni like you who are willing to share your knowledge and experience. ASK is sponsored jointly by the Alumni Association and Mizzou's Career Planning and Placement Center. Last year more than 100 alumni participated in a pilot program. This year we need you, too. Write today for more information. Tomorrow's alumni will be glad you did.

Yes, I'm interested.
Send the details about ASK

Name _____

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Mail completed form to

ALUMNI ACTIVITIES
132 Alumni Center
Columbia, Missouri — 65211