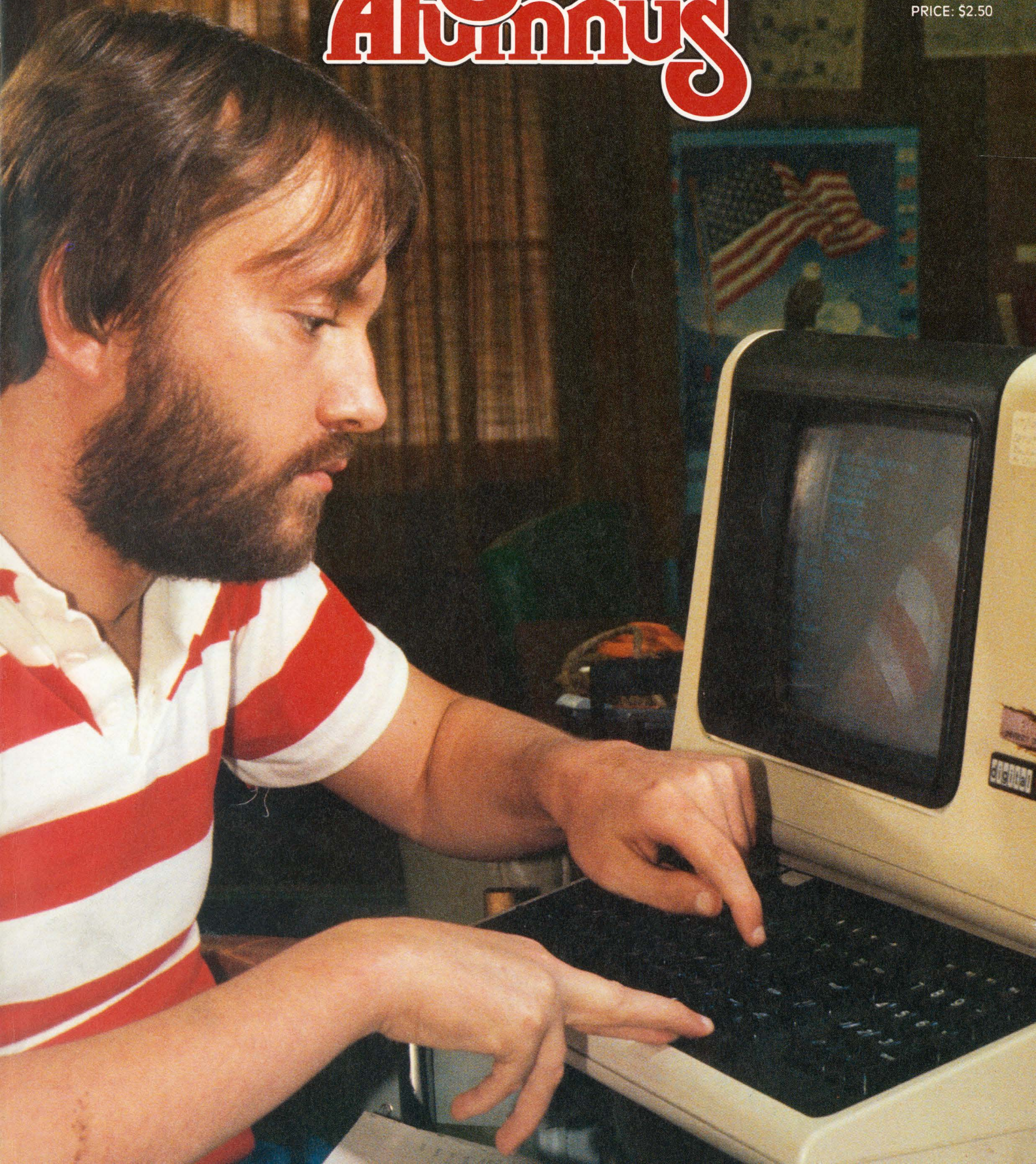


PROGRAMMED FOR INDEPENDENCE

Missouri Alumnus

MARCH-APRIL 1983

PRICE: \$2.50



recruiting students for Mizzou

has long been a goal of the Alumni Association. According to a membership survey, three of the four most important Association programs have to do with recruiting. (See page 30.)

Now, universities across the land are becoming increasingly concerned with retention, keeping students in school once they're there. Not only does retention make sense from an educational standpoint, it also keeps much needed dollars flowing into operational budgets. One study of 221 four-year public institutions showed that about 30 percent of entering freshmen drop out before their sophomore year. At UMC that figure is about 25 percent.

This winter, nearly 200 faculty, students, administrators and advisers gathered on Campus for the first of several seminars on retention. This one was conducted by Lee Noel of the American College Testing Program, an institution that has done extensive research on the subject.

"There is nothing magical about retaining students," said Noel. "Gimmicks won't work." Also of little relevance, he said, are the percentage of faculty with doctoral degrees, student/faculty ratio, average faculty salary and the number of books in the library.

Instead, the single most important factor in retention seems to be a caring faculty/staff attitude. Noel said it's time to evaluate teaching. "We no longer can hide behind the crutch that what we do in the classroom is not measurable."

Teachers at Mizzou are thinking about that, too. Check the story on page 16. — *Steve Shinn*

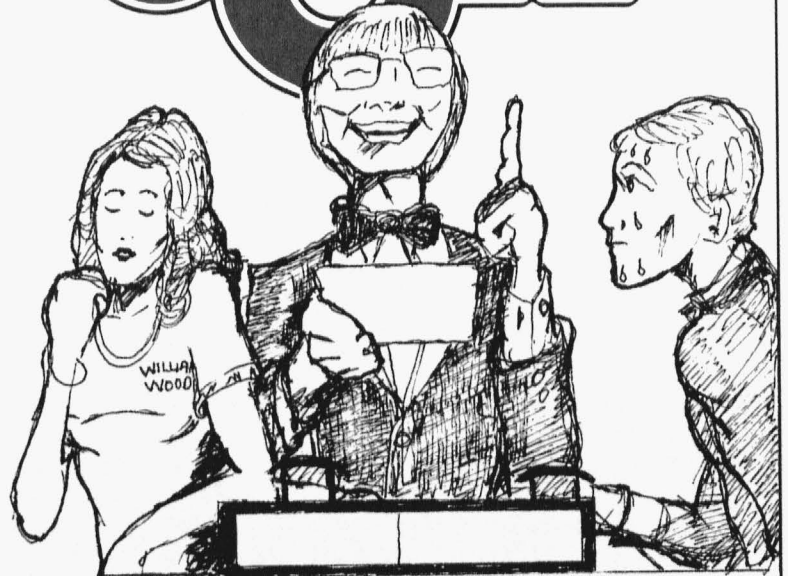
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**Missouri
Alumnus**

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College Town USA



Campus Feud

Teams from four area colleges uncovered some sordid details of college life this semester by playing Campus Feud, a spinoff of television's "Family Feud."

A poll of 25 students at UMC, Stephens, Columbia and William Woods colleges provided the answers to the competition sponsored by the Mid-Missouri Association of Colleges and Universities and reported by the *Columbia Missourian*.

"Fer sure, gag me with a spoon, Ohmigaaa-aad, like . . . grody to the max!" were the top answers to a query about Val-Speak, a dialect popularized by the song "Valley Girl."

The phone company col-

lects more change than the coin-operated laundries on Campus. While the most common monthly phone bill for a student is \$50, bed-sheets get changed only five times a semester.

Students find hamburger, spaghetti and roast beef the most monotonous of cafeteria offerings.

The Mercedes-Benz cruised to the No. 1 spot on the students' dream car list. Among music groups, Men at Work and Alabama topped the charts.

The team from William Woods walked away with top scores and gift certificates — a far cry from the television version's \$10,000 prize.

UM ARCHIVES

Computers match date-mates

Students have a choice when it comes to computer dating services. Two relatively similar services started in February.

Call the Basic Choice phone number, 874-3488, and owners Rick Palen or Lance Leverich will ask the caller to fill out a questionnaire. The information will be fed into a computer and for \$5, clients will get two names. After that introduction, the fees are \$10 for three months and \$17 for six months "for as many matches as the computer spits out, but at least once a month," says Palen, an electrical engineering student, Leverich is an electrical and computer engineering major.

The alternative to Basic Choice is Alternatives. Callers to 874-0481 also are asked to fill out a questionnaire. For an \$8, six-month fee, students are given two matches (for non-students, the fee is \$15). Future matchups — one name at a time — cost \$3. "You can only date one person at a time," explains Don Crane, who co-owns the business with Jim McDonald, BS IE '77, a master's student.

Concerning the dating game, owners agree Columbia is a market ripe for the picking. "We're aiming at college students who want to have a good time on weekends," Palen says. That's apparent from questions asked on the application. In addition to information on physical appearance, values and future plans, it gets specific about

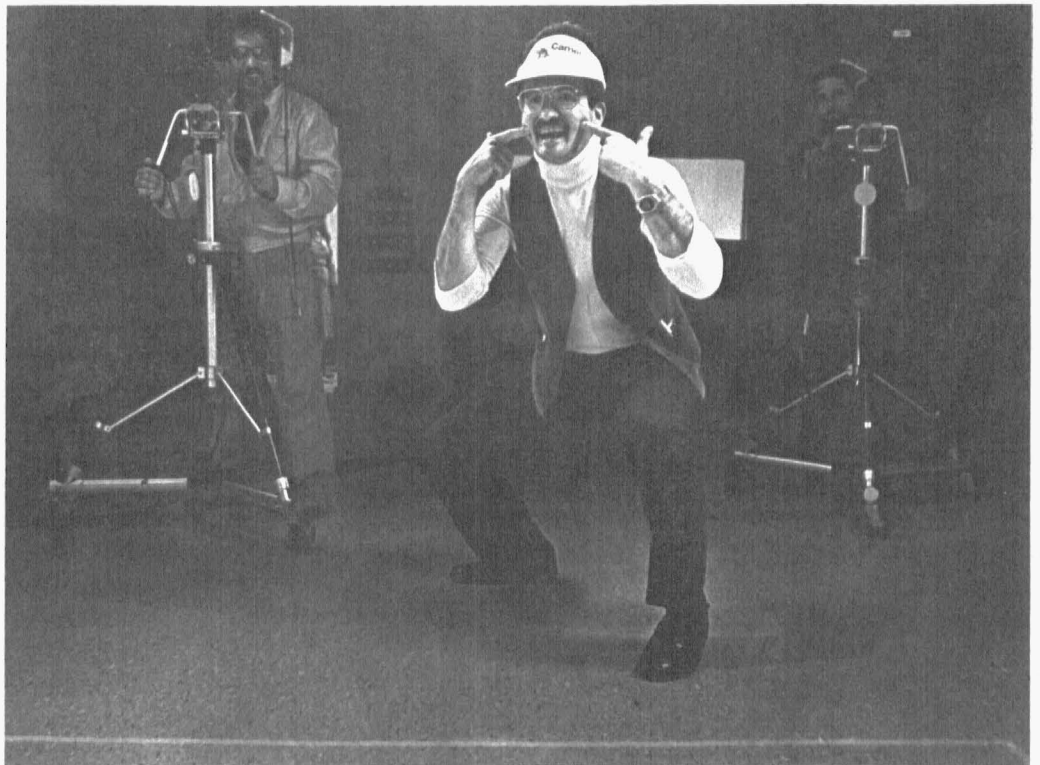
sex. Basic Choice wants to know how applicants define an intimate sexual relationship and whether on a first date it's unacceptable, possible, probable or necessary. "A person who said unacceptable would not be

matched with someone who said necessary," Palen assures.

Although both businesses are too young to know if they've made any heavenly matches, Palen thinks the cost of a com-

puter dating service is cheap "when you consider the cost of bar hopping.

"And for some people, it's hard to go out and meet people. This is a way around that."



Tom Reese/Columbia Daily Tribune

Columbia's own soap

"Shafted," a Columbia-based soap opera, is scheduled to premiere in late April on Group W Cable's public access channel. Weekly episodes will be aired by fall.

In the "Mary Hartman, Mary Hartman" tradition, "Shafted" — with its double or triple entendres — resolves around the lives of people in Leadbottom, a former mining town in danger of literal collapse

because of the abandoned mines beneath it.

Michael Mooney, above, a 35-year-old PhD candidate, locksmith and Vietnam veteran, is the soap's writer, creator and artistic director. Even though he's won awards for "Father Rafferty's Confessions," "Liar's Day" and "Buck 'N the System," the playwright was frustrated in his attempts to break into show business on the coasts so he decided to produce his own.

He and technical producer Art Gerhard, with

whom Mooney worked on "The Dead Air Show," hope "Shafted" will bring them and their stars to national attention.

The show, to be filmed on Columbia streets and in the Group W studio, is cast with all volunteers. Mooney describes their talents as "superb to raw, but they all have potential."

Since the soap is a first in local origination programming, Mooney and Gerhard plan to ask the Missouri Arts Council and National Endowment for the Arts for funding.

This kid likes tricks



Ted Wood photo

Magician Paul Kirkman likes to work with simple props — sponge balls, ropes, handkerchiefs and balloons.

"If it's something familiar," says the political science and history senior, "it's more believable." He especially likes to do sponge ball tricks for kids. "The magic happens in their hands."

Kirkman uses magic to help pay his way through school. On Saturday afternoons, he performs for customers and pushes the line of magic merchandise at the Nostalgia Shop, 819 E. Walnut St. Other days of the week he performs shows for birthday parties and cub scout events.

"If business was any steadier, I'd have to drop out of school," Kirkman says, but he's not complaining.

He got hooked on magic at age 8. His mentor was an uncle, Dick Williams, who is

a professional magician and has a show on a Memphis television station. By 11, Kirkman was performing shows himself. That was 10 years ago.

He continues to perfect his bag of tricks, spending 20 hours perfecting the average trick which lasts 2½ minutes.

One important aspect of being a magician is audience involvement. At the start of the show, after introducing himself, Kirkman will ask the audience to say hello to the person on their right. People end up talking to backs of heads. "There, I fooled 'em once in the first minute of the show."

Kirkman hopes someday to transform his hobby into a business. Since he already has flexible fingers, a sense of humor, a good eye for people and a personality that can fill up any room, he's off to a good start.

New face

The Campus Digest, the alternative student newspaper, ceased publication early this year and was replaced by the *Campus-town Journal*.

The new tabloid emphasizes entertainment and the arts with features, fiction and news analyses.

"We wanted a new and fresh, completely different paper," says publisher Barbara Carr.

When the *Digest's* founder, Jeff Gluck, purchased *Saturday Review* earlier this year, critics took potshots at the journalistic quality of the *Digest*. Carr says those comments "may have contributed to the change although Jeff had talked about changing it for

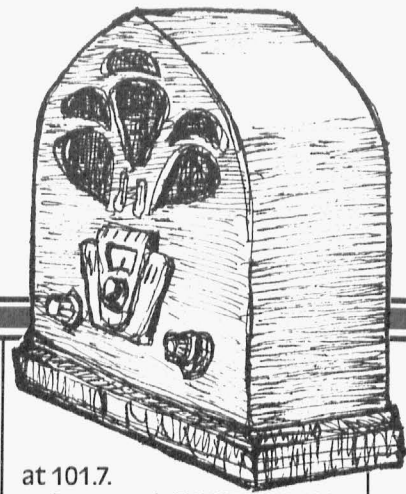
some time."

In a *Columbia Missourian* story Jan. 9, Gluck said the decision to cease publishing the *Digest* had nothing to do with an out-of-court settlement reached in a suit against the paper. A female student had filed the suit after a photograph she considered offensive was published in a May 1981 parody issue.

Easy listening

Al Germond's lifelong obsession has become reality.

On Feb. 23, his locally owned and managed FM radio station, KARO, signed on the Columbia airwaves



at 101.7.

Germond, BJ '67, MA '69, offers a new product, one that will let "people rediscover listening to the radio.

"I'm not a syrupy sound," says Germond about call letters that happen to be a corn syrup brand. Easy listening describes the 24-hours-a-day, seven-days-a-week music produced by the Bonneville Broadcasting System. The 3,000-watt signal station, located at 503 Old 63 N. and affiliated

Mosque nears completion

This spring, construction of the Islamic Center of Central Missouri is expected to be completed.

The \$600,000 structure, located at Fifth and Locust streets, will be the worship home of the UMC Muslim Student Organization and the city's Moslem population of about 400 to 500.

The two-story, pale-brick building is ringed with a row of arched windows and includes a prayer room, library, study room, offices, activity room and kitchen.

When the mosque is completed, a three-day cultural and artistic festival and open house will be held for the community, says Gamal Hagahmed, president of the Muslim Student Organization.



Ted Wood photo

with CBS Radio Network, offers no local news because "other stations adequately cover it." And he promises "no more than eight to 10 minutes of commercials per hour."

Elegant eateries

Two elegant downtown restaurants have joined the list of Columbia's 200-plus restaurants. With one-fourth of those restaurants downtown and another, a Houlihan's-type at Eighth and Broadway, opening this summer, one wonders if they can all make it.

With a green and mahogany color scheme and brass fixtures, Boone Tavern and Restaurant at 811 E. Walnut St. recreates the warm hospitality of the original Boone Tavern, once located at the site of the current County-City Building.

An attractive menu, which traces Boone County history, offers \$2.95 Boone Burgers to \$9.95 Kansas City strips. Salads, soups, egg dishes, trout, catfish, ribs and pork chops also are served.

Another elegant downtown spot is Gailya's restaurant in the renovated Broadway Inn, 1111 E. Broadway. Open to breakfast, lunch and dinner, the restaurant, with its coordinated green wallpaper and carpeting, features linen tablecloths and napkins.

Homemade biscuits and gravy, omelets and hot cakes are on the breakfast menu. For lunch there's salads and sandwiches. Dinner entrees include steak, seafood, poultry and pork.

Sex \$ells

It's not the Olde Un Theatre, Columbia's porno movie house, but MSA has found that X-rated movies sell.

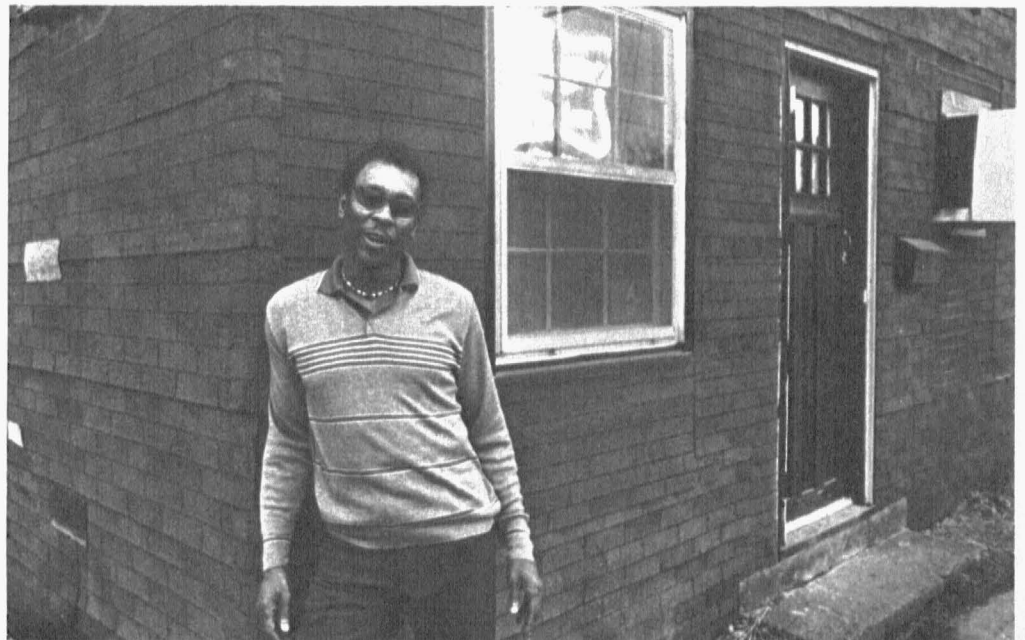
This semester, the campus film series has scheduled "Alice in Wonderland," "The Cheerleaders" and "Is There Sex After Death?" Next fall, students

18 and older can view "Straw Dogs" and "Clockwork Orange."

After expenses, the films net an average of \$150, says Paul LaMantia, coordinator of student services. That's good since labor and rental costs on all MSA films have more than doubled. MSA can generate \$300 to \$600 on major weekend films like "Young

Doctors in Love" and "Raiders of the Lost Ark."

Only films that stay within state statutes on pornography and that have redeeming entertaining qualities are considered. Hard porn, such as "Deep Throat" or "Behind the Green Door," will not be shown, LaMantia says.



Jim Curley/Columbia Daily Tribune

The Arthur Bryant's of Columbia

Lee McDonald has high hopes for his new restaurant at Ash and Garth streets. The native Columbian wants Lee's Lounge to become the "Arthur Bryant's of Columbia."

From 4:30 p.m. to 1:30 a.m. Wednesdays through Sundays, Lee's serves smoked ham or chicken sandwiches for \$1.50 and rib sandwiches for a dollar

more. All are served on white bread, Arthur Bryant's-style.

"The homemade sauce is pretty good," admits McDonald, who has been a cook for all his adult life. For the last 10 years, he's been the head cook at a Kansas City Holiday Inn.

The chance to care for his mother and manage his own restaurant brought him back to his hometown. "This is my roots."

His restaurant's roots are checkered. For decades, the West End Store, a grocery store-beer tavern

combination, operated on the corner. More recently, Yea Soul — a bar notorious for drunken brawls — was located there.

Lee's Lounge is different. "It's a community place, a people's lounge. Color, creed, race or religion make no difference.

"But there won't be any fighting or disturbance. I won't stand for it."

McDonald's sign behind the bar says it best: "NO CHEWED UP GRASS," meaning none of "what the bull lets out is allowed."



I **PROGRAMMED FOR** ndependence

By KAREN WORLEY

It's difficult to imagine Tom Bowen as lazy. The cleancut 28-year-old with red hair and clear, sincere eyes seems the hard-working, energetic type, so eager to be productive.

But lazy is how Bowen describes himself after suffering a broken back in a 1981 motorcycle accident that left him without movement from the chest down.

"I was getting lazy; my wife was doing everything for me," says Bowen, a native of New Madrid in Missouri's bootheel.

After the accident he tried to return to his job as service manager and head mechanic at a hometown bike shop. He could do the work, but the fun was gone. "I like taking the bikes out for a ride."

A vocational counselor at Rusk Rehabilitation Center recommended TODCOMP (Training of the Disabled in Computer Programming). "My only other alternative was nothing," he says.

Encouraged by his wife, Sharon, Bowen left his spouse and their three children in New Madrid to start the 10-month computer programming course Nov. 1.

The move, he says, "made a 180-degree turn in my outlook when I wake up in the morning.

"The excuse, 'Oh, I'm in a wheelchair' doesn't work here." Instructors don't baby students because they're handicapped, but teachers also "go out of their way to help you if you don't understand something."

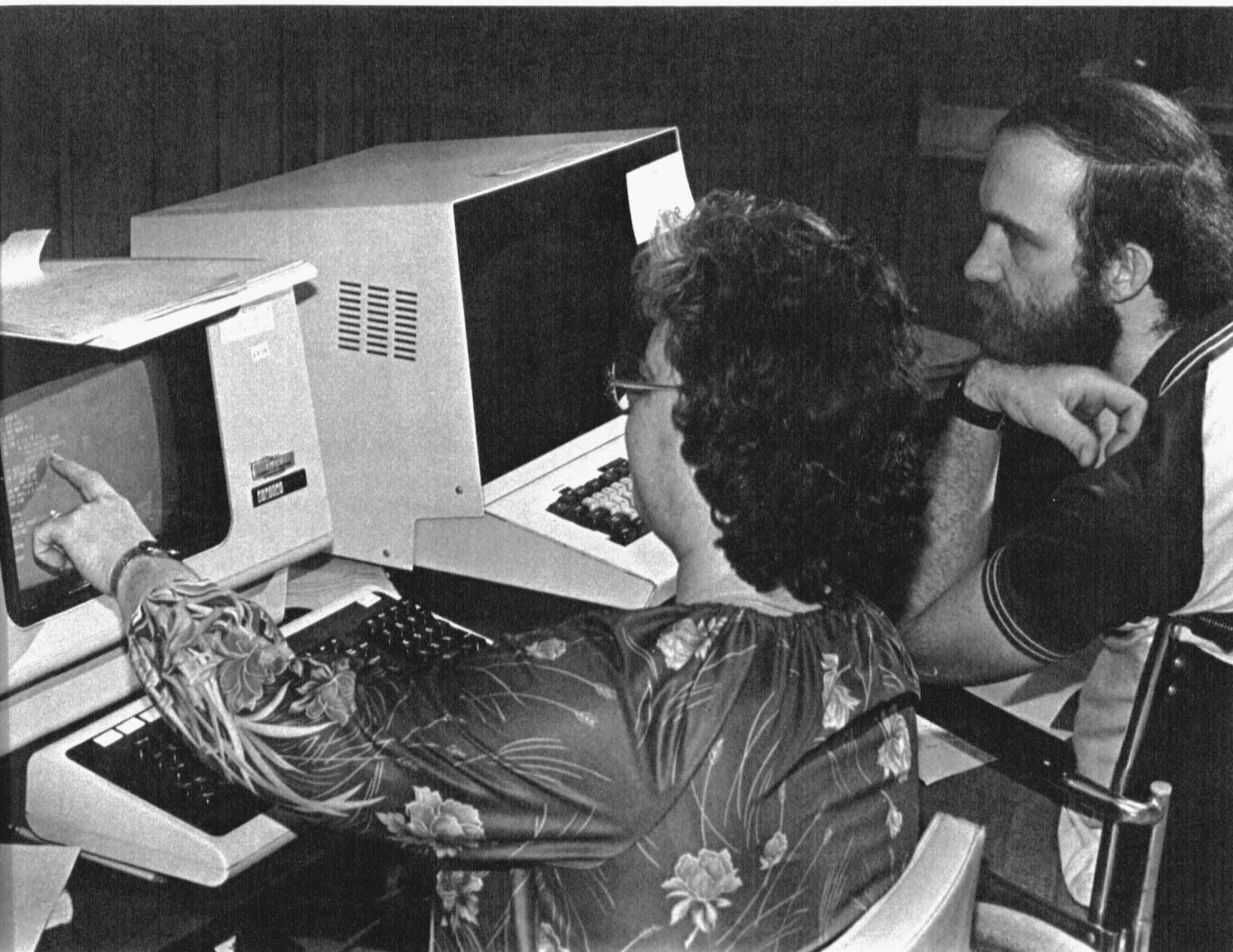
The 34 students come from Midwestern states and range in age from 18 to 48. Their disabilities (spinal cord injury, paraplegia, quadriplegia, hearing or vision loss, cerebral palsy, polio, multiple sclerosis or muscular dystrophy) represent a significant barrier to employment.

Instructor Ellen Scheer, left, constantly updates teaching techniques. "We try to teach state of the art," says Scheer whose computer education career spans two decades and three generations of computers.



At TODCOMP, students like Lavern Howdeshell function independently by doing their own cleaning, cooking and laundry. They live in cottages with kitchens and baths adapted for disabled persons.

Students Linda Sims and Tom Bowen, below, got terminal time from the start of the 10-month program.



For six hours a day, they can be found listening to lectures or glued to computer terminals.

FOR MANY, it's their first time away from home. Some had overindulging parents. "There's a lot of independence they have to learn," says instructor Ellen Scheer, who has taught at TODCOMP since its inception in 1975.

After successfully completing the 10-month vocational program that includes training in BASIC language on TODCOMP's in-house PDP-11/34 minicomputer and COBOL on the University's Amdahl 470/V7 main frame, and a six-to-eight-week, on-the-job internship, the student receives a computer programming certificate. "The student leaves TODCOMP job ready," Scheer says. The program's placement rate is 85 percent. The University employs more of the graduates

than any other single employer.

One of the program's 50 graduates and success stories is quadriplegic Ron Carr, a programmer analyst for Brown and Root in Houston. Since the hardest part of computer programming is mental — being able to write a program — Carr is on equal footing with his co-workers. An internship with the University's Computing and Information Systems at the end of his training program landed him a full-time job when he graduated in August 1980.

A Brown and Root job offer too good to refuse allowed Carr to up his annual earnings from \$15,000 to \$25,000 in two short years. Illustrating a point Director Ron Wilson likes to make about TODCOMP's benefits to taxpayers, Carr went from receiving \$2,400 a year in Social Security benefits before starting TODCOMP to paying \$4,600 in federal income taxes alone as a TODCOMP graduate.

Director Ron Wilson depends on members of his business advisory committee to alert TODCOMP instructors of changes in data processing and help him place students in internships and jobs. Here, Jim Grazier, data processing manager for the Missouri Division of Employment Security, critiques student Steve Ganaway's videotaped mock interview, resume and programming samples.



TODCOMP began eight years ago in a small Paquin Tower basement room with a handful of students and Comprehensive Employment and Training Act funding. In 1976, the program became part of the University's Extension Division.

BY 1978, Dr. Charles C. Campbell, associate vice provost of extension, had secured a \$400,000 establishment grant from the Missouri Division of Vocational Rehabilitation. The large administrative classroom building and 10 cottages at TODCOMP's present location eight miles south of Columbia had been developed in 1966 for Peace Corps training. The grant enabled the facilities to be made handicapped-accessible. A minicomputer, terminals, two vans with wheelchair lifts and furniture for the cottages also were purchased. TODCOMP, one of 22 such programs in the country, now is totally self-supporting through fees for service. Tuition is \$5,850.

The program receives support in other ways, though. Volunteers who serve on the business and independent living advisory committees keep the program up to date. In addition to alerting instructors of changes in data processing, the professional programmers on the business advisory committee do everything from conducting mock employment interviews with students and reviewing their computer programs to providing internships and assisting Wilson in finding jobs for graduates.

"The feedback from the volunteers has a great impact on our students," Wilson says. Scheer agrees. "After the first evaluation, they're never the same. It shakes 'em up, challenges them. The ones who had been casual or indifferent find it's going to be hard work."

Only 55 percent of those who start the program complete it. "We have to meet the industry standard," Wilson says. Input from the advisory committee "keeps our people employable." Scheer adds, "If there hadn't been 30 to 40 employers who took a chance, we'd have no success at all.

The technical computer skills acquired would be meaningless, however, if the TODCOMP graduate couldn't, for example, arrange transportation to get to work. Through independent living skills training, coordinated by Cathy Unterreiner, students pick up self-management techniques for daily living.

For about a third of the students,

trained personal care attendants are on call to help with bathing, dressing, meal preparation and medical procedures. Ellen Calhoun coordinates and trains the attendants, but also instructs students on how to advertise for, interview, hire, pay and schedule the attendants they'll need when they get out of school.

"You can't wait on students hand and foot if you want them to be independent when they graduate," she says. "They should do as much as they can themselves."

During the first five months of the program, students live in TODCOMP cottages equipped with roll-in showers and lowered kitchen counters. Several times a week, trips into Columbia for shopping, church and other activities are scheduled. Students are responsible for doing their own cooking, cleaning and laundry. During the second five months, students rent apartments in Columbia and commute to classes. The arrangement simulates life after graduation.

RECREATIONAL and social situations open up avenues for lifelong leisure, Unterreiner says. Trips to restaurants, lectures and art museums are scheduled. Right outside the cottages, an exercise/fitness/nature trail encourages staying in shape. The trail, planned and built by Dr. Hardeep Bhullar, associate professor of recreation and park administration, and student volunteers, offers a half mile with 14 different exercise stations for both the handicapped and able-bodied. Unrestricted gifts to the Development Fund provided \$27,000 for user and site analyses, material and equipment.

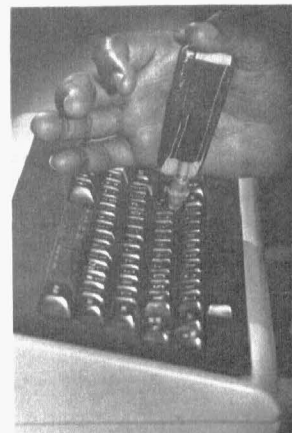
The program wouldn't be complete without driver's education. Now, students are trained by Columbia Public Schools driver's ed teachers. In the near future, a driver's education instructor will be hired, and a van equipped with reduced-effort steering and brakes will be purchased with Missouri Division of Vocational Rehabilitation funds.

"We meet as many needs as possible before students leave," Unterreiner says.

Cramming intense computer programming and independent living skills into 10 months gets graduates off to a good start.

"The neat thing about this program," says 19-year-old Teresa Lage, "is it gives you independence."

And hope, says the determined Bowen. "If someone'll give me a little crack in the door, I'll show 'em." □



Instructors individualize computer programming training by providing devices as expensive as a talking computer for blind students to ones as simple as a mouth stick, wrist clip or hand strap, above, that enable students with limited movement to punch out a program.

DONOVAN RHYSBURGER

Father of the Theatre





If the Wabash had been leaving town the evening of Oct. 28, 1925, Donovan Rhynsburger insists he would have been on it. "We had just done the dress rehearsal for my first play here, 'Captain Applejack,' and it was terrible."

So terrible, Rhynsburger says, he was ready to board the first out-of-town train and end his two-month stint as director of the Missouri Workshop, a student theater organization.

But opening night must have gone better than the rehearsal: Rhynsburger stayed at Mizzou until his retirement 48 years later.

Rhynsburger came to Columbia fresh out of the University of Iowa, where he earned a bachelor's degree in commerce.

"I had planned to go into my father's poultry business, but by 1925, the bottom had fallen out, and I didn't think there was room for two of us."

So Rhynsburger headed to Mizzou, wearing horn-rimmed glasses and his most conservative suit to appear older than his 22 years. Theater had dominated his extracurricular activities and elective courses in college, with his drama background and a recommendation from his Iowa mentor, director E.C. Mabie, Rhynsburger landed the \$1,200-a-year job, as instructor of English to teach speech and drama.

Since his advent at Mizzou, drama and theater have progressed as society and social mores have progressed, Rhynsburger says. "But it's no worse now than then," he adds.

Rhynsburger recalls casting the daughter of a prominent minister in the role of a prostitute in 1928. Despite protests — "How can you allow a charming, innocent college girl to play the part of a prostitute?" — "Anna Christie" was so popular it was held over for two nights.

The former director inherited the Missouri Workshop in its fourth season. According to legend, students Cy Coggins and Darrel Starnes concocted the idea of a student theater in 1922 over a five-buck, 5-gallon jug of bootleg beer. The two placed ads in the *Columbia Missourian* and made stump speeches from the steps of Jesse Hall, attracting 100 members in one week-end.

"Don was able to give it professional

direction," says Loren Reid, emeritus professor of speech. "He was Mr. Theater here. He created it."

Under Rhynsburger, the workshop presented more than 250 plays. Besides directing four major plays each academic year, Rhynsburger worked out the details of costuming, lighting and production. "Then he'd do one or two plays in the summers," Reid remembers. "Today, no one would think of doing that."

Yet Rhynsburger accomplished that and more. He initiated the "Rinsewater Rag," a newsletter for 150 former workshop members in the service during World War II. The issues brimmed with hometown news, photos and the names and

addresses of the servicemen so they could correspond with each other.

But the name list aroused the suspicions of the U.S. government, who sent a representative to visit the professor. "He thought I was some kind of subversive agent," says Rhynsburger, who persuaded him otherwise.

The director also founded Purple Mask (a theater honorary society), the Intramural Play Tournament, the Original One-Act Playwriting Contest and the Missouri High School Drama Festival, which this year coincides with his 80th birthday April 15.

Still Rhynsburger found time to help the physical education department produce dance dramas. For one show, he labored over elaborate sets, only to face a poor attendance. He and dance teacher Peggy Minton were crushed.

Rhynsburger says his best acting ever was his 1935 portrayal of the title role in "Abraham Lincoln," which featured his wife, Peggy, as Mary Todd Lincoln. Rhynsburger's stage makeup and posture were so convincing that no one recognized him in publicity photos.



By the time they had cleared the stage and lugged the sets to Rhynsburger's dim office, Minton was in tears.

To console her, Rhynsburger gave her a hug. "Just then, in walked the lovable old watchman, Mr. Thompson, with his flashlight shining," Rhynsburger chuckles. "He became our 'midnight father' and would join us at Gaebler's for coffee." Minton and Rhynsburger were married three years later in 1931.

The same decade, Rhynsburger earned a master of fine arts degree at Yale University, where he studied drama under Alexander Dean, an eminent director.

"Don Rhynsburger was as well trained as anyone could be," Reid says. "His actors and actresses were convincing, not artificial. He was a teacher and a helper, not a demanding critic."

As well as directing, Rhynsburger starred in the workshop productions of "Abraham Lincoln" and "Rip Van Winkle." Ruth Mutert, an academic adviser at UMC and former Rhynsburger student, says, "I enjoyed him because he was quite an actor himself. When he stepped in to play someone else's part opposite you, he gave you a lot to work with."

Rhynsburger philosophizes, "You cannot be a director unless you have experience in acting."

The director's most known protégé is George C. Scott. When Broadway actress Pat McClarney agreed to appear in the workshop's production of "The Winslow Boy" in 1950, Rhynsburger, for the first time, advertised for auditions. A journalism student who had never played a lead, much less been on stage, sought the starring role of Sir Robert Morton.

After a 45-minute eye-to-eye conversation with the aspiring Scott, Rhynsburger mused, "I believe he's worth it."

At tryouts, there was no doubt.

By fall, the director sensed Scott's potential. "But I didn't know it would be anything like this," he says. To hone Scott's talent, Rhynsburger — for the first time — chose four plays specifically for his student.

Scott starred in two of them, "Shadow and Substance" and "Two Blind Mice."

All the while, Rhynsburger says, the Stephens College Playhouse was shadowing his student. Before performing in his

next two workshop plays, Scott had been lured away for \$15 a week.

His mentor was hurt: "We were not very good friends for awhile," Rhynsburger says. Later the relationship became more amiable, and Scott on occasion credited his start to Rhynsburger.

There were other disappointments for the director. Jesse Auditorium was declared a firetrap; workshop plays were ousted from its stage. But the eviction inspired the director to move summer productions to the roof of the Education Building, creating "Roof Top Theatre Under the Stars."

Still, the workshop needed a permanent home. Even after Jesse Auditorium's renovation, facilities were cramped and acoustically poor.

Rhynsburger began collecting and drawing plans for a theater, but met funding obstacles. Finally, in 1969, construction began on the Fine Arts Building, which would house theater, art and music.

"When we got a theater, we knew exactly what we wanted — mirrors, outlets, lighting, everything. And we got it except for an expensive elevated orchestra platform," he says, adding, "It was worth waiting for."

And wait he did. "I was determined not to leave this Campus until we got a theater of our own. When we did, I wanted to stay and enjoy it."

The department of speech and dramatic art moved into the building in 1960, and the workshop faded. "It's my fault," Rhynsburger concedes. "We now had a University Theatre of our own, and we didn't try to build another student organization."

Rhynsburger retired as University Theatre director and director of dramatics in 1968, five years before retiring from the University.

Since then, the emeritus professor has confined his drama activities to portraying St. Nicholas at the Calvary Episcopal Church's Christmas bazaar.

But Rhynsburger stays active all year round. He and his wife live in one of Columbia's finest apartment complexes dedicated to working professionals. And Rhynsburger has logged more than 3,000 hours as a volunteer at the Harry S. Truman Memorial Veteran's Hospital, where some patients are decades younger than he.

"I like people," he says, "and I like to feel as if I'm being of service." □

A NEW BOARD OF CURATORS

The confirmation of three new curators in January brought a new configuration to the governing body of the University of Missouri. Few boards in the University's history will have faced tougher decisions as the 1983-85 board strives to cope with and master the financial problems facing the institution. Not since the Great Depression has the budget crunch been so severe. And today's four-campus institution, with its central administration, is much more complex.

The new members, whose terms expire in 1989, are:

W.H. "Bert" Bates of Kansas City. A partner in the law firm of Lathrop, Koontz, Righter, Clagett & Norquist, the Lexington, Mo., native received his AB from Mizzou in 1949. He is a graduate of the University of Michigan Law School.

Jeanne V. Epple of Columbia. Epple also is a 1949 graduate, with a degree in home economics. Until January she was executive director of the Boone County Mental Health Association. Epple has been active in the University's Museum Associates and Friends of Music.

Kenneth R. Heath of East Prairie. Heath, who received a BS in agriculture in 1960, is the owner and

manager of an 1,100-acre farm. He also serves as director of the Citizens Bank of Charleston and the Dogwood Store and Oil Co. and is a former member of the board of the Mizzou Alumni Association.

The three members whose terms expire in 1985 are:

William G. Cocos Jr. of St. Louis, president of the Board of Curators. A 1953 graduate of the College of Business and Public Administration, he is president of William C. Cocos Inc., plumbing contractors. Cocos calls himself the Tigers' No. 1 football fan. He has not missed a game, at home or away, since 1948.

David W. Lewis of St. Joseph, the board's vice president. Lewis is chairman and chief executive officer of the United Missouri Bank of his home city. He graduated in 1952 with a BS in business administration and later attended the Graduate School of Banking at the University of Wisconsin.

Marian O. Oldham of St. Louis. In the 1940s Oldham was refused admittance to the University because of race. She later graduated from Stowes Teachers College in St. Louis and received a master's degree from the University of Michigan. A civil rights activist, Oldham is a former public school teacher and counselor. She is the board's senior member.

Curators whose terms expire in 1987 are:

Tom K. Smith Jr. of St. Louis. A retired senior vice president of

Monsanto Co., Smith currently serves on the boards of Reynolds Metals Co. and the Clayton Federal Savings and Loan. He is a graduate of Williams College, Williamstown, Mass. His father, a UMC graduate, also served on the Board of Curators.

Larry L. Robinson of Springfield. Robinson is president of the O'Byrne Electric Co. and serves on the board of the Springfield YMCA and on the Missouri Nuclear Waste Committee. In 1966 he was the No. 1 electrical engineering graduate at the University of Missouri-Rolla.

Doug Russell of Lebanon. The vice president of the Durham Co., a manufacturing firm, Russell at age 31 is the youngest curator. He is president of the Lebanon School Board and vice chairman of the Missouri Private Industry Council. Russell graduated from UMC in 1971 with a degree in business administration.



Doug Russell

Kenneth R. Heath

Tom K. Smith Jr.

Jeanne V. Epple

Larry L. Robinson

W.H. "Bert" Bates

Marian O. Oldham

David W. Lewis

James C. Olson
University president

William G. Cocos Jr.

HOOKED ON

Photos by GINA SETSER
Text by KAREN WORLEY

It was almost like a religious experience, except the followers were already converted.

On Dec. 11, some of Mizzou's best teachers retreated to a cozy cabin on John Kuhlman's isolated southern Boone County farm to talk about teaching. No phones existed to interrupt the group, who settled in for an afternoon's discussion. For breaks, participants took a walk in the woods to clear their heads.

Economics Professor Kuhlman and English Professor W. "Mack" Jones invited a handful of teachers whom students of the two professors had recommended, and Chancellor Barbara Uehling, to participate. They sat in a circle, almost knee to knee, and talked about how they're creative in the classroom.

For Jones, a champion of humanistic thinking, the session was a chance to break out of departmental isolation. "The only way to do that is for people from different departments to get together."



CASEY

The neat thing about political science, says Dr. Greg Casey, associate professor, is that he has fresh material to work with every day. Decisions, negotiations, stalemates and tactics make political science a dynamic field. Unfortunately, a lot of words in the field "manipulate rather than communicate." Casey's job, as a teacher, is "to boil it down for them, put it in plain language." Once students realize they've been involved in politics at home or at work, "It makes it easier to understand why politicians act the way they do," Casey says.

PAPICK

Just as Dr. Ira Papick sees stars clearer from his home in Rocheport, so students catch the "spirit" of abstract algebra easier through this associate professor of mathematics. At times when students' attention drifts, "I'll say something absurd." On one occasion, he asked a student whose leg was in a cast if her toes were cold. "I had everyone's attention for another 10 minutes."

TEACHING

"The beauty of Kuhlman's," adds chemistry Professor John Bauman, "was all the disciplines we could bring into play."

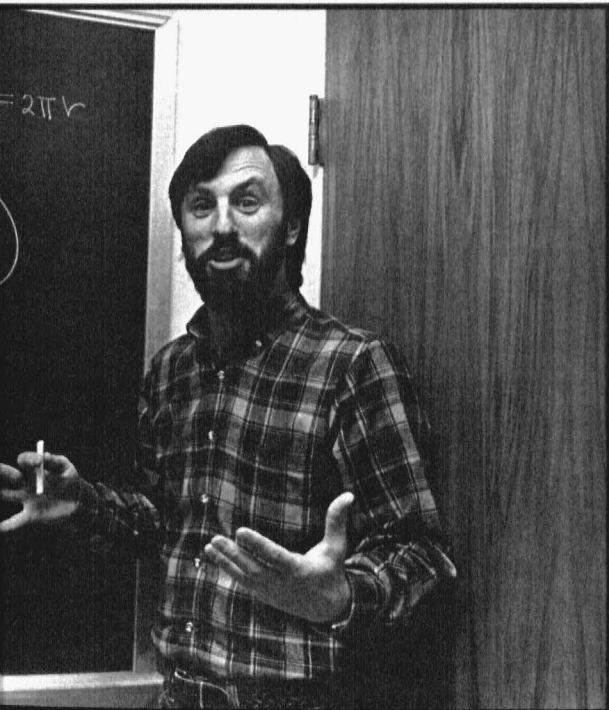
Vera Townsend, associate professor of art history, enjoyed "the stimulation of another sharp mind."

For young math teacher Ira Papick, "It made me feel good as a person."

For the chancellor, being around Miz-zou's best teachers was a renewing experience, "a reminder of the enormous strength we have on the Campus. No wonder there are undergraduates who are so enthusiastic about this place."

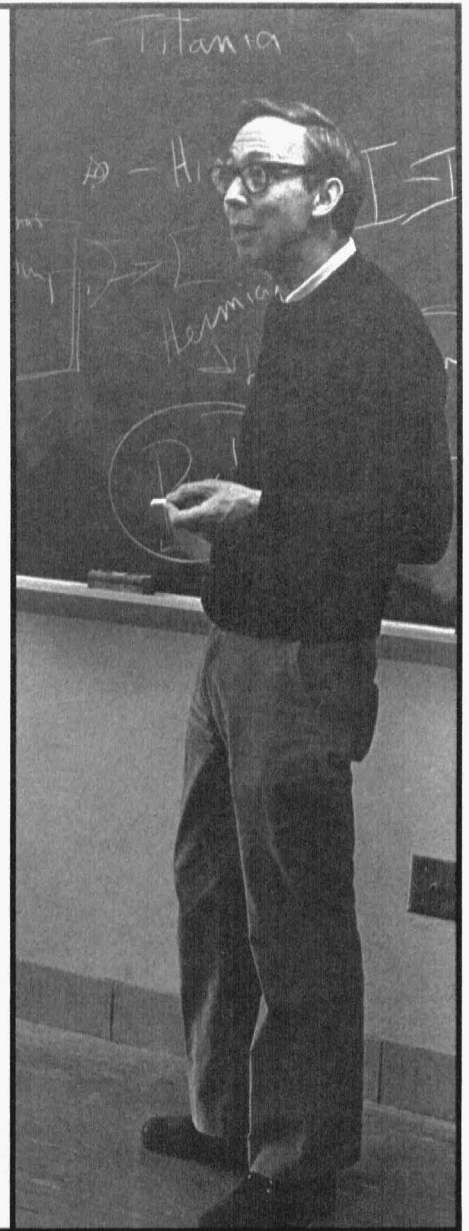
The teachers, who work hard to see the light dawn on students' faces, "are in a situation where they're giving a lot," Uehling says, "and I'm convinced nobody can continue to give without having renewal. They need nurturance."

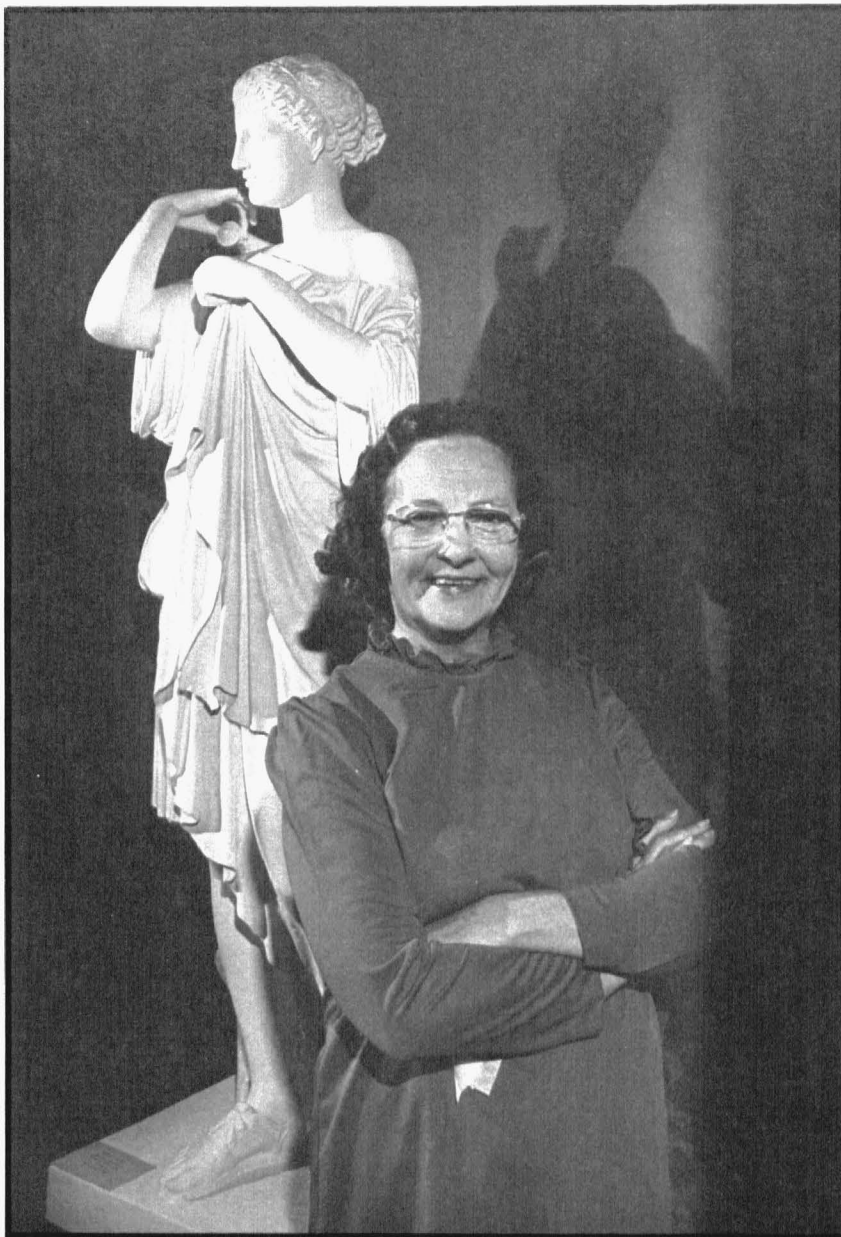
The workshop energized the teachers, who are setting up another meeting for later this semester at which they'll discuss how to extend the group's benefits to more of their colleagues. □



JONES

Dr. W. "Mack" Jones, professor of English, uses cocktail Shakespeare to get students involved in a remote subject. "I break students down in small groups and give them a crucial question." They're to respond "as if they're at a cocktail party." Their discussion, he says, "cracks the whole thing open as far as interpretation of the play."



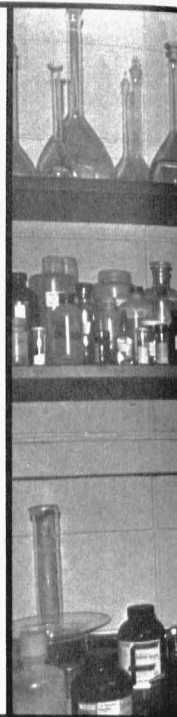


TOWNSEND

Being involved with bright, inquisitive people is what Dr. Vera Townsend, associate professor of art history and chairman of art history and archaeology, enjoys most about teaching. She likes tests that leave the students feeling "they knew more than they thought." With careful planning, Townsend tailors papers, reports and projects to students' interests. With careful advising, she helps them "develop a program that fits their goals." Over the years this careful cultivation of rapport pays off. One student evaluated her teaching this way: "She didn't really teach the course. She made it possible for us to learn."

BAUMAN

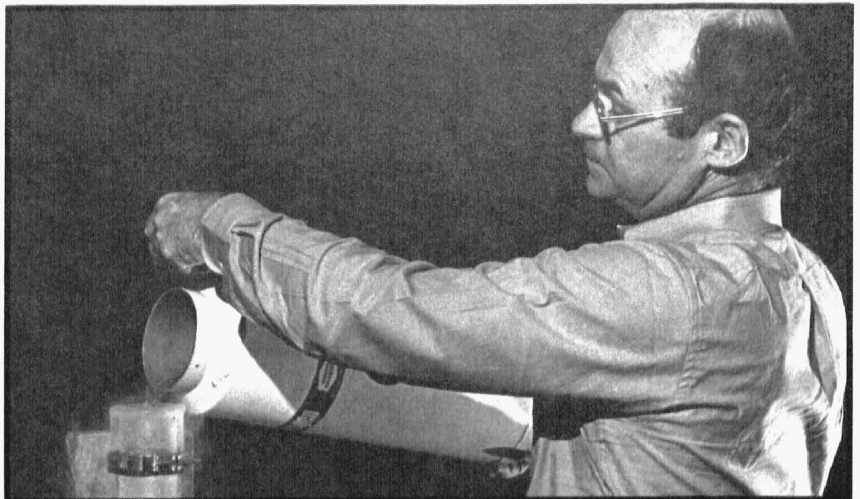
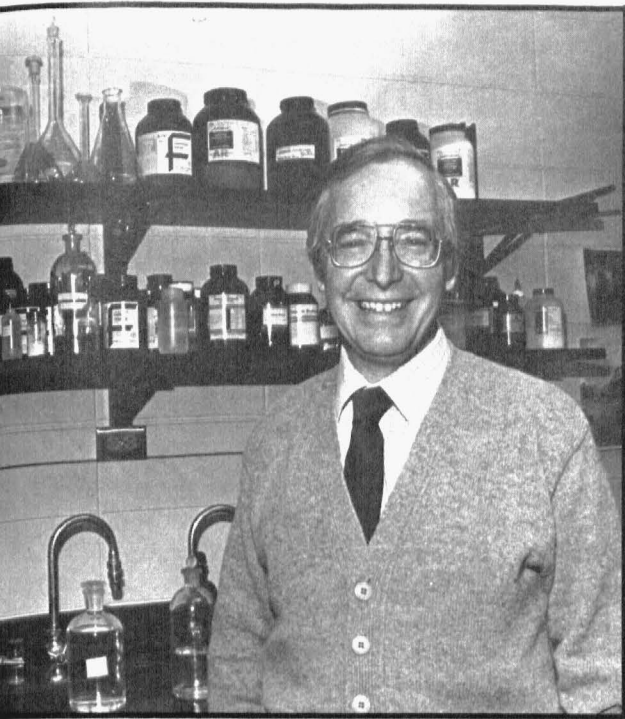
Dr. John Bauman Jr., professor and chairman of chemistry, likes to use examples in nature to explain the big principles in chemistry. "Why is the sun red when it sets? Because hydrogen burns with a red color," he says. People remember such explanations. "There's more to teaching than imparting knowledge. You must impart something that hits home, something that becomes a part of you."



KUHLMAN

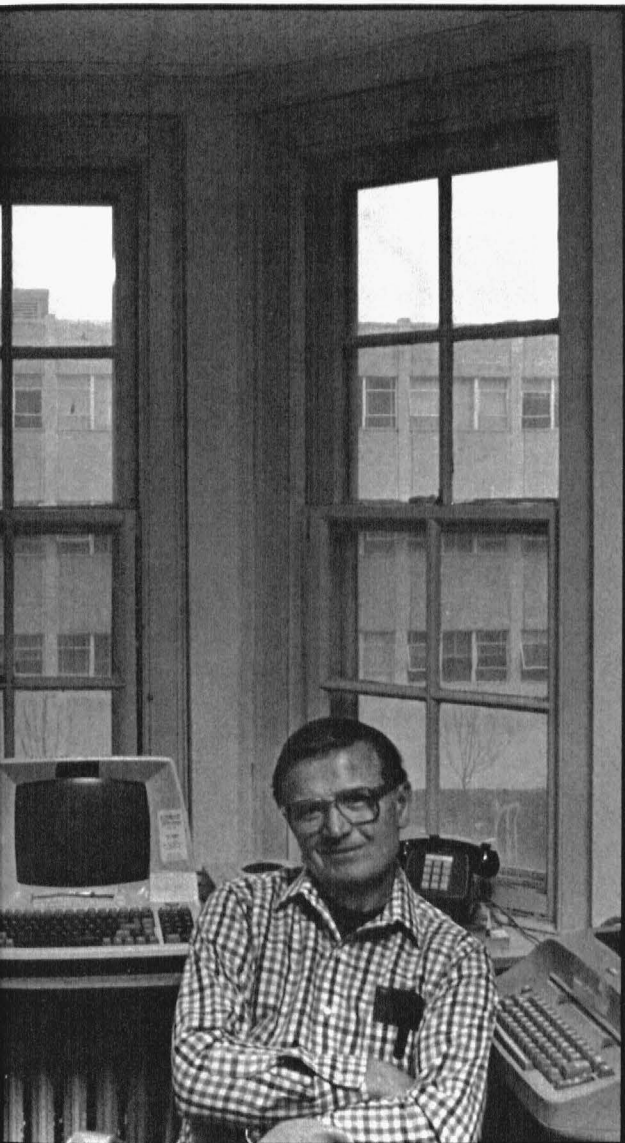
Dr. John Kuhlman, professor of economics, leads students down the primrose path. "Is the national debt too big?" he asks in class. The class agrees. "Yes, yes." Then write down the number, Kuhlman instructs. Lo and behold, 80 percent have no idea how big it is. That makes 'em think. Another tactic is to make a student feel he was in the small minority who hadn't been by the teacher's office. It works. "People feel better about somebody they've talked to," Kuhlman says.





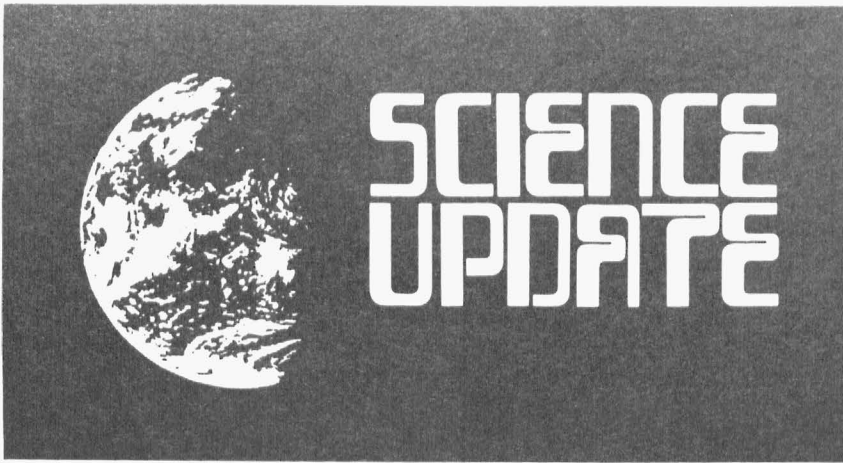
HULTSCH

Granted, Dr. Roland A. Hultsch, associate professor, may be a little old-fashioned. But put him behind a lab bench with a captive audience of students and the laws of physics come alive. Here he uses liquid nitrogen to dramatically demonstrate effective temperature on resistance. Even though there's a lot of pressure to get through analytic equations, Hultsch realizes "the word physics strikes terror" in students. "It's difficult and does take hard thinking." Consequently, he feels the extra time and effort he puts into demonstrations is worthwhile.



UEHLING

"In many areas, we are a first-rate teaching institution," says Chancellor Barbara Uehling. Good teachers generate a "sense of excitement" and have "so much impact on undergraduates," she says. Sharing ideas with some of Mizzou's best teachers reminds her of teachers' needs for nurturance, recognition and a supportive environment. As chancellor, "One can get so concerned with specific problems." Visiting a classroom "helps put my job in perspective."



SCIENCE UPDATE

Babies stepping out



The stepping reflex exhibited by newborn babies when they are held upright has been shown by developmental psychologist Esther Thelen to be a less reliable indicator of nervous system development than had been previously thought.

Conventional medical wisdom holds that stepping and other so-called "primitive" reflexes should disappear about two months after birth as signals from the baby's developing brain suppress them. Delayed development is suspected if the reflexes persist.

"We've found that the stepping reflex disappears simply because the legs become too heavy to lift," reports Thelen, whose curiosity was aroused by the fact that the stepping reflex is the only primitive reflex to reappear, usually at about seven months with the baby's first attempts at walking. Slimmer babies are more likely to retain the stepping reflex, too, with no evidence of nervous system disorders.

Thelen used videotape recordings of infants kicking, a reflex which does not disappear, and stepping. She found that these notions involved the same muscle groups. By simply immersing the infants' legs in warm water, which makes them light and buoyant, she was able to instantly restore the "lost" stepping reflex.

Explaining that weight gain during the first few months of life far outstrips the gain in muscular strength, Thelen concludes that interpretation of the stepping reflex needs an update. "If the reflex disappears, fine. It will reappear when the muscles are strong enough to lift the legs. If the reflex persists, it simply means your baby has stronger muscles or lighter legs."

Memories are made of chips

The marvelous memory of the microchip sometimes gets fouled by naturally occurring radiation in the chip itself. But senior research scientist Jon Meese of the University's Research Reactor Facility has developed a new method of processing these silicon wafers that vastly reduces memory errors.

"Natural radiation occurs in the aluminum used to make pathways on the chip," explains Meese. Electrons in the silicon foundation are "knocked off" by this radiation, causing transistors in the chip to malfunction.

Meese bombards the chips with neutrons from the reactor, creating concentrations of positively charged silicon atoms which recapture the wayward electrons.

A large computer containing a thousand 16,000-bit random access memory chips (16K RAM) is vulnerable to as many as 47 radiation-induced errors a week, an unacceptable level. "We've reduced the errors by 50- to 80-fold in our work with 16K RAM chips," reports Meese, adding that the process may also be applicable to the more densely packed 64K and 256K RAM chips.

Hog herpes

Herpes has become a household word during the past few years, but humans aren't the only ones concerned. Changes in swine management — packing pigs and hogs into denser and larger herds — have led to a sharp rise in swine pseudorabies — a disease caused by a herpes virus, but whose terminal symptoms resembles rabies. Hence, its name.

Dr. Robert F. Solorzano, professor of microbiology, has been researching pseudorabies since 1977 with Dr. David Thawley, a swine epidemiologist. Their research has intensified as the swine herpes disease has approached epidemic proportions.

Like human herpes, swine pseudorabies has been around for a long time, but because the disease is transmitted by "shedding" of the virus by contact in saliva, mucus or feces, it's only when large herds are closely packed that it becomes a

serious problem. Solorzano notes the disease has been particularly rampant in communist countries where communal farms raise huge collective herds.

Mortality among pigs is greatest in the very young, with some deaths occurring while they are still in the womb. In the last half of a piglet's first year, the mortality rate drops to 50 percent, and after one year the rate drops to 1 to 2 percent. However, many adult pigs are carriers of the herpes virus and can infect all other animals except man. In sheep it is usually fatal, and dogs and cats experience "a particularly painful death called the 'mad itch,'" says Solorzano.

In Missouri, the disease has been controlled by blood testing animals before they are shipped to market or to fairs. Certified herd plans that treat varying quarters of a herd each year can be used, too.

No more hole in the head

Drilling a hole in the skull to measure pressure on the brain is now no longer necessary in many cases.

Dr. Clark Watts, a neurosurgeon, and Dr. Donald York, a physiology professor, combined their research skills and clinical know-how to develop a quick, painless method that uses flashes of light to measure intracranial pressure.

Head injuries or brain abnormalities like tumors can raise the pressure inside the skull, and this needs to be determined quickly so steps can be taken to lower it.

Watts' and York's method uses Visual Evoked Potentials, or VEPs, which are changes in electrical currents in the brain when the eyes are stimulated by light.

The changes occurring in the brain's electrical potential during the light flashes are picked up through electrodes fastened with a paste to the skull. These signals are averaged, plotted on a graph recorder and stored in a microcomputer for further analysis.

Watts and York worked together for four years to measure VEPs on accident victims and hydrocephalic children. Their VEP findings correlated closely with the method of boring a hole in the skull.

"The VEPs are most helpful in the 'uncertain' cases," says Watts. "Sometimes you suspect the pressure may be elevated, but you're not sure. You're worried. Patients have had holes put in their skulls, and their pressures turned out to be normal."

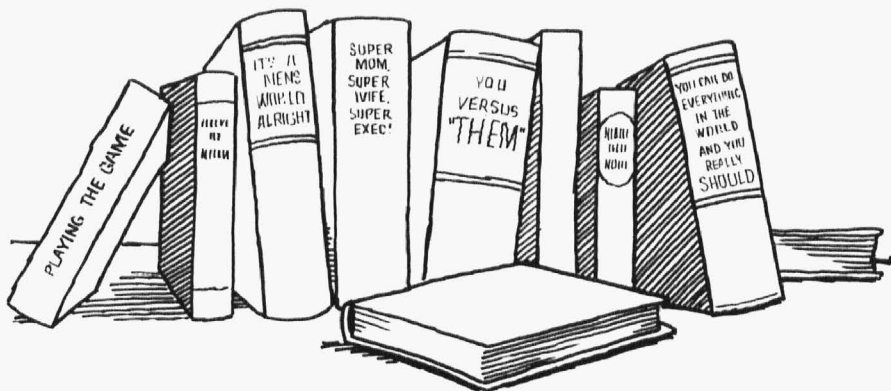
The UMC Hospital and Clinics now use this less traumatic VEP technique routinely, and Watts reports positive feedback from neurosurgeons at several other medical centers since he and York presented their findings at a neurological conference.

Ms guided

Success for women in large organizations may require more than reading a how-to book. Self-help primers promising valuable insights and tips from experienced businesswomen, says Dr. Jolene Koester, assistant professor of speech and dramatic art, are often full of misleading and unrealistic assumptions. This leaves it up to the isolated woman to struggle with a deck of cards that is stacked against her.

"The books assume that women should accept the male model of success. The vision the books create is one of the female traveling in a foreign country, where she must learn the rules of behavior and act according to them," Koester says.

Koester's research suggests other ways for women to improve their situation inside the corporation. She believes women should be grouped together within departments so they are not isolated. This would relieve the pressure of being in a token position. Koester says women should support each other and draw attention to one another's accomplishments if they have been overlooked. Most importantly, women should stick together.



By LARRY BOEHM

Student Craft Center



Senior Mike Smith spends about 20 hours a week in the craft studio. Half that time he's on duty as supervisor of the woodworking shop. The rest of the time he works on projects like this rocking chair.

The most popular and most used part of the craft studio is the darkroom. There's always someone like freshman Tony Klutho or graduate student Alison Benney ready to develop and print photographs.

Freshman Debbie Parker feels right at home in the craft studio because she used to work in a craft shop. The facility gives her access to equipment she wouldn't have otherwise.

Provides Free-Time Fun

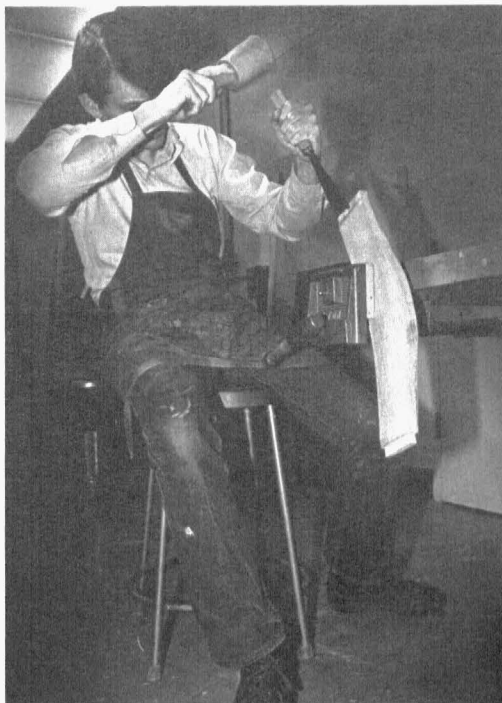


WHERE can students go to satisfy their creative urges without the pressure and worry of grades? Try the MSA Craft Studio and Photo Darkroom. Of course, the only credit offered is the satisfaction of completing a project.

Established almost 10 years ago on the second floor of Brady Commons, the studio's 1,800 square feet contain a gallery, a woodworking shop, a photo darkroom, a pottery, plus the space and equipment for members to pursue the crafts of stained glass, weaving, spinning, calligraphy, jewelry and papermaking.

Student activity fees help support the operation. Membership profits are invested

John Andelin, a pathology resident at the UMC Hospital and Clinics, has used his skill and craft studio tools to furnish his home.



in new equipment. Although they can be purchased separately, memberships for both studio and darkroom cost a student a total of \$16 a semester. Faculty and staff family memberships are \$28.

THE OPERATION is a lot more than the right tool for the job and sufficient elbow room. People are its most important asset. Throughout each semester experienced crafts people from the community teach the basics of their specialties in structured workshops. One-to-one help familiarizes even the novice with the artistic potential of film, wood, clay, glass, fiber, metal, paper and ink.

By far the most popular skills perfected at the facility are photography, woodworking and ceramics. The photo darkroom contains all the necessary equipment for black and white processing and printing. Members supply only their film and paper. The lab includes film tanks and reels, a loading room, a film-drying cabinet, a light table, two printing rooms each with five enlargers and a drum dryer. Paper cutters and a mounting press are nearby.

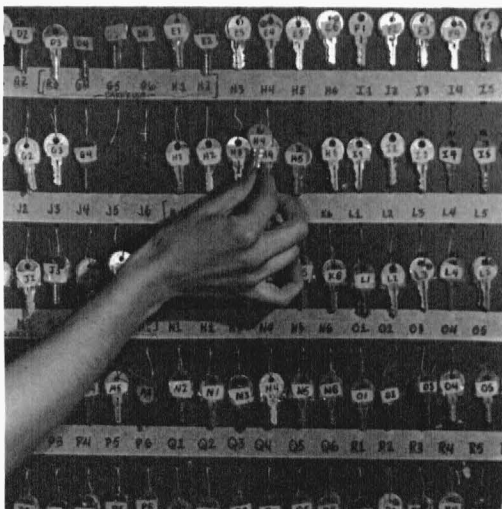
A five-session black and white photography course designed for beginners or as a tune-up for experienced shutter-clickers covers cameras, film developing, photo printing and mounting. Experienced black and white technicians can sign up for a four-hour color printing session. Enough chemicals and paper are provided for enrollees to make a couple of 8 x 10 prints from color slides or negatives, all for \$45.

Those using the woodworking shop produce more functional items like book-cases, tables, chairs, boxes, bowls, candlesticks and even baby rattles. A basic woodworking course introduces students to the use and care of power and hand tools as well as wood identification. At least one simple project is completed. Next a wood-turning class familiarizes students with the lathe. The studio staff is proud of its safety record, attributed to a strict three-hour safety class. No one gets near the bandsaw, table saw, lathe, joiner or drill press without qualifying first.

IN THE CERAMICS AREA, students learn how to make coil, slab and pinch pots in the introduction to clay workshops. Forms, texture and color are the core of the five sessions. During pot-throwing lessons students learn to wedge, center, throw, trim and glaze. The



Mickey Luck, director of the facility, says its operation is unique to Columbia. No place else in town offers such a variety of crafts.



Lockers are available on a first-come, first-served basis. Keys that never leave the area are seldom lost.

ceramics area contains five electric wheels, a kick wheel and two kilns. A complete assortment of hand tools is also available. Stoneware clay costs \$7 for 25 pounds; glaze and firing are free.

All crafts and crafters are welcome at the studio.

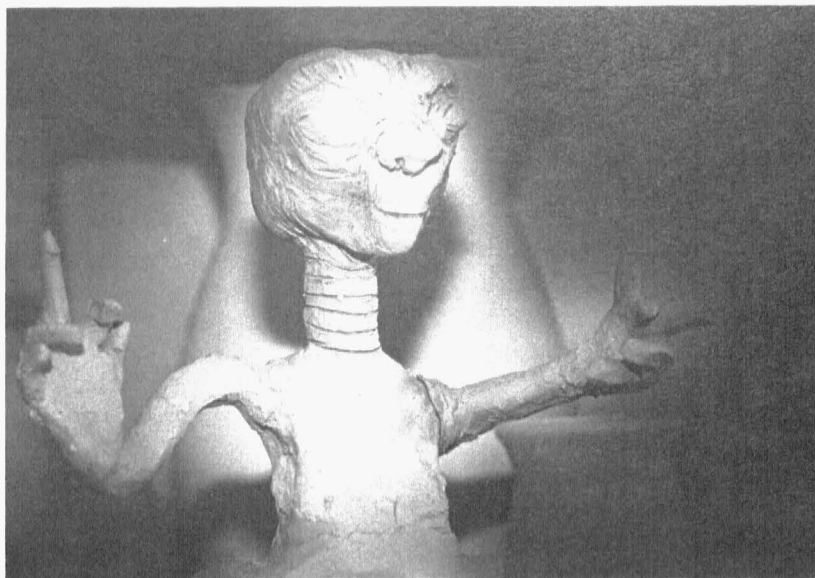
Stained glass classes cut, lead, solder and cement stained glass sun catchers in many shapes and sizes.

FOR FIBER FANS the studio has table and floor looms, spinning wheels, standard and industrial sewing machines, an adjustable dress form, a warping board and bobbin winder. There are classes for both off-the-loom weaving and harness weaving.

A calligraphy class covers the ancient art of pen-lettering cards, signs and labels.

Students who want to make baubles and bangles from sheet metal or practice lost wax casting can sign up. If there's enough interest, papermaking workshops also are scheduled.

The atmosphere of the studio is as comfortable as an old flannel shirt. That may be one of its appeals. "It's a real comfortable and low-keyed place to work and get away from academics," says Mike Smith, woodshop supervisor and senior



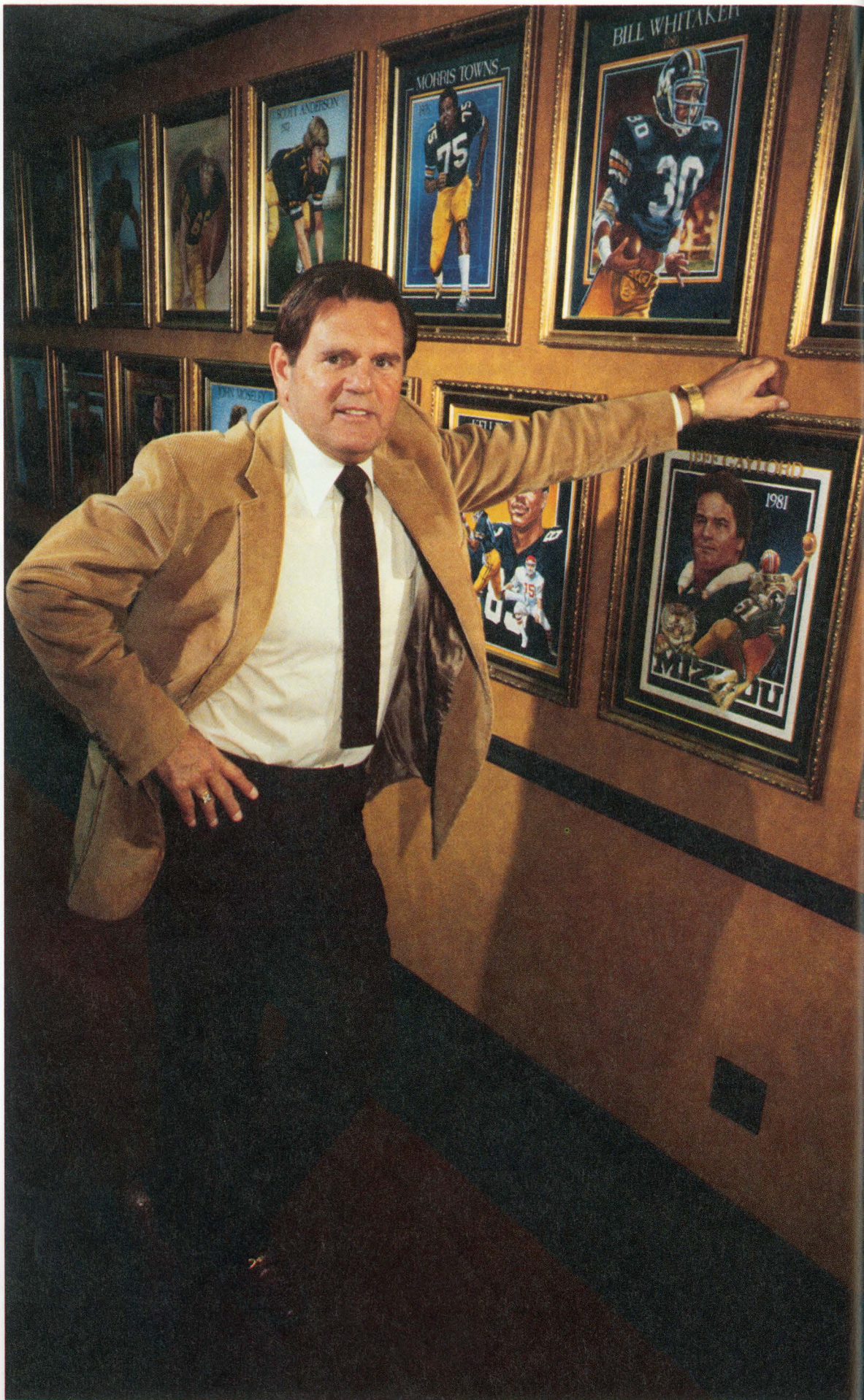
majoring in industrial arts education

About 300 members use the studio during the course of a semester; fortunately, never all at once, but in a fairly steady trickle. It's almost impossible to enter the studio between 10 a.m. and 10 p.m. on weekdays or Saturdays from 10 a.m. and 5 p.m. and not find someone covered with sawdust, hunched over a potter's wheel or checking out their negatives for an award-winning picture. □

Even E.T. visits the studio. Chances are this alien won't phone home until after a paint job.



Pinch, slab and coil pots are produced in all shapes and sizes during Diana Denman's introduction to clay class.



Athletic Director Dave Hart stands in front of the Wall of Fame, paintings of Tiger football all-stars, at the entrance to athletic department offices in Hearnes.

DAVE HART

Five Years Later

By JAMES K. GENTRY

ALMOST FIVE YEARS have passed since Dave Hart was hired as Mizzou's athletic director to, as he puts it, "make money and keep the program clean."

In 1983-84 the budget for the athletic operation will be almost \$8.3 million, some \$2.8 million more than it was when Hart arrived from Louisville on June 1, 1978. Generating virtually all of its operating revenues, the program has been in the black every year and — perhaps more important — the University has stayed out of trouble with the National Collegiate Athletic Association.

"Dave has done a superb job under most trying circumstances," says law professor Henry Lowe, Missouri's Big Eight Conference faculty representative and a member of the committee that screened candidates for the A.D.'s position. "He's had to meet a budget and raise money in a very difficult time. And he's kept our

ers vs. detractors], maybe 85-15. I think you have to give him credit. He's fulfilled the charge he was given."

Other alumni leaders put the anti-Hart percentage higher. But considering the magnitude of the assignment, Hart must be doing something right. Only 60 percent of Division I schools with football programs break even or make a profit, according to a recent survey by the NCAA. One school posted a \$2.3 million deficit. Mizzou athletics, which have been in the black since 1967, operate at roughly the break-even point, although John Rawlings, assistant athletic director for business affairs, cautions against comparing budgets across schools because of different conditions and accounting assumptions.

Yet, in spite of the financial achievements, Hart points first to a number of non-business achievements in looking back over his years at Mizzou.

"I think the most important thing we've done is in the area of academic counseling," he says, looking over his notes on a yellow legal pad. Wearing a gray plaid suit with vest and a dark blue tie, Hart looks like a businessman. Only the black-tassel loafers intrude where wingtips might seem more appropriate. His office is nicely appointed and functional, but not ostentatious. Over the striped sofa hangs a picture of a tigress and her kitten. The curtains are open and Memorial Stadium looms through a light snow.

"We're seeing improvement in the overall GPA of athletes, in the graduation rate and in athletes making satisfactory progress toward a degree. We have four

think the most important thing we've done is in the area of academic counseling."

name unblemished. His admirers far outnumber his detractors."

Detractors remain, however. "There's still resentment on the part of those who, I think, don't want to face reality," says Ed Travis, president of the St. Louis Quarterback Club and chairman of the Alumni Association's Athletic Committee. "He was the dirty guy who came in and changed things. I'd say it's 80-20 [support-

full-time people in the counseling area. [Most schools have one.] We have no qualms about the money we spend in this area because it is so important. We hope this improves the athletic department's image across the Campus. We want them to see we're sincere."

Faculty members have noticed. "It's my impression that the place has really shaped up," says Richard Robinson, a professor in the College of Education who has taught a number of Tiger athletes. "It seems well organized. They've developed a good rapport with the faculty. And the students really know their responsibilities. For example, I had a football player recently who always came by before road games and told me where he was going and

Mizzou's monitoring system for recruiting activities has gained nationwide attention.

why and picked up the assignments. It wasn't always like that."

Hart moves on, next citing the system whereby his office monitors "outside interest groups." The monitoring system — which sets up a series of checks on recruiting activities by coaches, quarterback clubs, alumni groups, and other Tiger supporters — has received nationwide attention. "It's one of the most unique systems we know of," says David Caywood, director of public relations for the NCAA. "It seems to be working very well at Mizzou. The *NCAA News* carried a couple of stories on it recently, so you'll probably see the system spread."

The list of accomplishments during the past five years goes on:

Facility improvements — The Dutton Brookfield training facility at the football practice field was renovated and furnished with a \$1.2 million fundraising effort; 10,500 permanent seats were added at the football stadium at a cost of more than \$1 million; new football and basketball scoreboards valued at more than \$200,000 each and paid for by advertisers were installed; all four stadium restrooms will be renovated before the start of the 1983 season at a cost that may reach \$150,000; a new basketball floor costing \$50,000 was purchased; and a sprinkler system for the football practice field was installed.

Improved broadcast package — Four years ago 50 stations carried Tiger football

and 22 carried basketball; this year more than 70 carried football and 50 carried basketball. In the same period Mizzou basketball has gone from one or two television appearances to 12 last year and 14 this year, including two national games (a third national game was wiped out by the revised NFL playoff schedule). A unique five-year, \$6.2 million deal with Missouri Network of Jefferson City gave Mizzou more than \$1 million in cash and \$5 million worth of promotion and advertising.

Increased revenues — Fundraising efforts generated more than \$1.1 million in the 1981-82 fiscal year ending June 30; in 1977-78 fundraising yielded \$524,000. Some of the revenue is a result of the controversial preferred seating programs for football and basketball. But the efforts also focus on individual contributions. Missouri Athletic Scholarship Associates (MASA), with more than 3,000 members, is the vehicle through which much of the fundraising occurs.

Although the controversy that surrounded the priority ticket plan has subsided, Hart clearly was affected by the personal attacks that went with it.

"I was hurt deeply at times by it," he says, running his left hand through his thick, dark hair. "Some people didn't even try to understand."

That's when Hart's name started appearing regularly on other colleges' most-wanted list. "If things hadn't been so bad," Hart admits, "I probably wouldn't have thought of any of them."

But he did, and the attention salved his bruised ego. He also found strength in his wife of 35 years, Patti, who died Dec. 8 of complications from a stroke. "She's who I leaned on," Hart confides, his voice tensing as he looks away. "She understood athletics, and she went to many of these functions with me. It takes a certain brand of woman to be in this business. She was a real asset."

So now, with his four children away from home and his wife gone, Hart has plunged into his work with a new intensity. And plenty of challenges remain. Foremost, according to Hart, is the relationship between athletics and the overall university community. "I don't want to see intercollegiate athletics as the tail wagging the dog, but in a proper perspective as an educational experience for those who participate. Only 1 percent of athletes go professional. So we've got to provide the best education we can."

Hart welcomes the stricter academic regulations enacted at the last NCAA convention. The new rules, which go into

The football coach here knows the pressure is on him . . . Football is the hand that feeds us."

effect in 1986, require that to be eligible to participate as freshmen, athletes must have certain scores on standardized entrance tests and have a C average in a core high school curriculum. "There are too many guys in college who don't belong," says Hart. "Many times it's because of the curriculum they took."

The department's financial future also concerns Hart. "I honestly wonder how far down the road we can stay in the black. Now they [UMC administration] are talking about 'costing back.' That could be a big expense." That system would require the department to pay institutional support costs, such as legal, purchasing, check writing, mail delivery, etc. The 1984-85 budget estimates that cost at \$356,000.

The financial condition of the athletic department is interwoven with the fortunes of the Tiger football team. Coming off a disappointing 5-4-2 season and the

The priority ticket policy will be reviewed and may be modified before the 1984 football season.

failure to make it to a bowl game for the first time in five years, Football Coach Warren Powers will be under close scrutiny by the fans and Hart. Powers is entering the last year of a three-year contract paying \$49,150 annually.

"The football coach here knows the pressure is on him because football has to produce enough revenue to support everything else. Football is the hand that feeds us. If basketball makes a couple of hundred thousand [dollars], that's great.

"I don't have a bottom line for Powers in '83. You can do a great job and just win seven or eight games. There are so many intangibles. If a coach is the right kind of social and moral person and is taking care of the players, what more can you want?"

But the numbers game mean Powers, who recently reorganized his coaching staff, must produce. "We've got to get football's appeal back to where it was in '79 or so. Even with the ticket policy that year, it was our best year," Hart says. Attendance that year averaged 69,867 a game; the '82 Tigers averaged 52,097.

Keeping athletics clean also concerns Hart. "These recent scandals have made us guilty by association, and I don't like it. More schools are clean than dirty. I want to see the NCAA enforce the rules on cheating. They should punish the coaches and athletes who do illegal things."

Hart also wants to see more athletes graduate. A \$20,000 pool has been created to help Mizzou athletes who no longer are on scholarship, but who are a semester or so short of graduating.

Another challenge awaiting is a review of the priority ticket policy before the 1984 football season. "The original policy was for three years. It has to be reviewed and may be modified," Hart says, adding that no changes have been proposed yet.

Material goals include installing a synthetic turf football practice field. Missouri is the only Big Eight school with natural turf playing and practice fields. Coaches frequently complain this puts them at a disadvantage when playing on the road. And Hart wants to install a new track and improve the baseball grandstands, too.

In addition to his Campus assignments, Hart still finds time to be active on the national scene. He is a member of the National Association of Collegiate athletic directors executive committee, a member of the U.S. Sports Academy advisory board, a member of the Big Eight television committee and a member of the Division I NCAA basketball selection committee that determines who participates in the NCAA postseason tournament. "He's a quality representative of the school and a fine administrator," says Caywood, who works closely with Hart in NCAA activities. "When jobs open, he still gets a lot of contacts."

With the biggest challenges behind him and his wife gone, it seems logical to wonder if Hart will continue to oversee Tiger athletics. "Today, my goal is to retire here," he says. "I've sort of got a reputation for turning jobs down now, plus I'm getting a bit old. And I realized in my recent crisis that I have a lot of friends here." □

You're the Customer: the Results of the Alumni Association's Marketing Survey

IN WHAT MUST BE one of the all-time rates of return to a mail questionnaire, 76.8 percent of the random sample responded to the Alumni Association's Marketing Survey asking members to evaluate Association activities and programs. A total of 1,743 members were sent the survey; 1,338 responded.

The results are now being used by the long-range planning committee to help it formulate recommendations concerning the Association's future programming.

The tables reproduced on these pages deal with demographic information about Association members and their feelings about the importance of Association programs. The 55 percent living-in-Missouri figure includes the Kansas side of metropolitan Kansas City and the Illinois side of metropolitan St. Louis. Although most Alumni Association members are men, that percentage is changing. Among respondents between the ages of 21 and 30, women made up 41 percent of the membership.

As the high rate of return would indicate, respondents had significant feelings of identity with Mizzou. A total of 41 percent indicated a strong

degree of identity and 43 percent, moderate. Among the academic divisions, School of Law graduates had the highest degree of identity — strong, 49 percent; moderate, 45 percent.

What is the purpose of the Alumni Association? There were four specific choices, and respondents could check as many as they wanted. A total of 94 percent said the purpose was "to serve as a communications link between the University and its alumni"; 71 percent, "to serve as the official vehicle through which alumni can support the University"; 61 percent, "to serve as the official alumni voice to the University administration"; and 38 percent, "to serve as a link to my academic division."

Alumni are mindful of the University's financial problems. Ninety-five percent felt "it is important for alumni to support UMC with their gifts" and almost two-thirds had made a gift.

Throughout the survey, this was a common thread: strong support for programs that provided tangible support for the University of Missouri-Columbia. — Steve Shinn

Membership Demographics

Residence				
Metro St. Louis	Metro Kansas City	Outstate Mo.	Out of Mo.	
17%	12%	26%	45%	
Age				
21-30	31-40	41-50	51-60	61 and Over
28%	25%	17%	15%	15%
Sex				
Male			Female	
73%			27%	
Marital Status				
Married			Single	
73%			27%	
Household Income				
Under \$20,000	\$20,000-29,999	\$30,000-49,999	\$50,000-74,999	Over \$75,000
17%	20%	35%	16%	12%

Programs and Activities

Degree of Importance (on a scale of 1 to 10)

	In Mo.	Out of Mo.	Under Age 40	Age 40 and Over	Male	Female	Total	1	2	3	4	5	6	7	8	9	10
National Merit-Achievement Scholars Recruiting Program	8.2	8.1	8.2	8.1	8.0	8.4	8.1										
Alumni Scholars Program that funds scholarships	8.0	7.7	8.0	7.7	7.7	8.4	7.8										
The <i>Missouri Alumnus</i> magazine	7.6	8.0	7.6	7.9	7.7	7.8	7.8										
Mizzou Nights encouraging students to attend UMC	7.4	6.8	7.4	6.8	6.9	7.7	7.1										
Programs for in-state and out-of-state alumni chapters	6.7	6.7	6.7	6.9	6.8	6.8	6.8										
Alumni activities involving 16 organized academic divisions	6.7	6.4	6.7	6.4	6.4	6.9	6.6										
Academic divisional newsletters	5.9	5.9	6.2	5.7	5.7	6.5	5.9										
Annual 50th class reunion	5.9	6.0	5.7	6.1	5.7	6.5	5.9										
Annual 25th class reunion	5.7	6.0	5.8	5.9	5.6	6.4	5.8										
Involving students with alumni	6.0	5.3	6.2	5.1	5.5	6.4	5.7										
Funding the student spirit bus to athletic events	5.8	5.5	5.8	5.5	5.6	5.8	5.7										
Homecoming activities on Campus	5.8	5.5	5.7	5.5	5.5	6.0	5.7										
<i>Tiger Sports</i> bulletin	5.5	5.8	5.6	5.6	5.7	5.3	5.7										
Alumni Seminar Weekends educational programs	5.6	5.5	5.8	5.2	5.3	6.1	5.6										
<i>Mizzou</i> tabloid newspaper	5.2	5.3	5.6	4.9	5.2	5.4	5.3										
Annual reunions for academic divisions	4.8	4.7	4.9	4.5	4.6	5.5	4.7										
Alumni Center brunches for home football games	4.6	4.4	4.4	4.7	4.5	4.6	4.5										
Pregame athletic rallies	4.6	4.3	4.5	4.4	4.4	4.6	4.5										
Special organization for black alumni	4.0	3.7	4.1	3.5	3.6	4.5	3.8										
Tours to various locations	3.7	3.5	3.7	3.6	3.5	4.2	3.6										
Promoting special Mizzou merchandise	3.1	2.9	3.2	2.8	2.9	3.3	3.0										
A specialized insurance program	2.6	2.3	2.6	2.4	2.4	2.8	2.4										

ASSOCIATION MEMBERSHIP CLIMBS TO RECORD 23,000

A TOTAL OF 1,600 ALUMNI joined or renewed membership in the Alumni Association during the recent mass mailing, bringing total membership to 23,079, an all-time high. "We're extremely happy about reaching President Bill Phillips' goal of 23,000

members in 1983," says Tom Schultz, assistant vice chancellor for alumni relations. "It's particularly gratifying in difficult economic times to have alumni rally around the Association."

THE NEWEST BENEFIT for Mizzou alumni is a \$15 semester pass to Brewer/Rothwell gymnasium and



During a meeting of the membership committee on Feb. 17 committee members had an opportunity to tour the Alumni Center's records room. Doug Viehland, chairman, has his name looked up on the microfiche, while Bob Girard and Association vice president Ollie Trittler reviewed their files.

From The Association

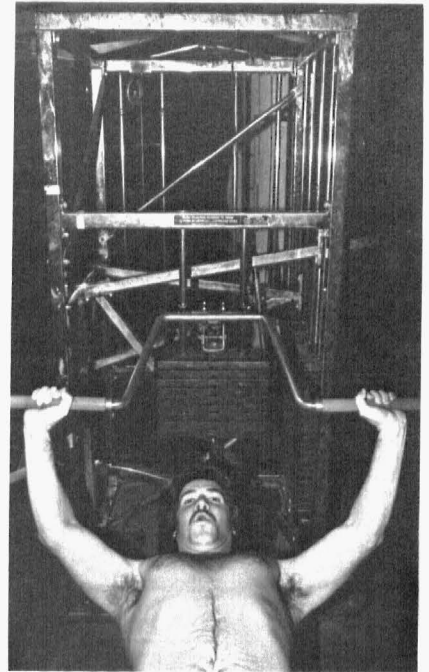
the Natatorium. To purchase a pass, alumni need to bring an Association membership card or a diploma replica along with a photo identification card to 106 Rothwell between 8 a.m. and 5 p.m. Monday through Fri-

day. The pass allows alumni to swim, run, lift weights or play basketball, volleyball, tennis, squash and racquetball. Towel service and lockers can be rented, if available, after the first two weeks of each semester. A one-day, \$3 guest pass also can be purchased in advance for alumni by anyone with a student, faculty or staff identification.

THE ANNUAL ELECTION of Association officers will take place at the May 5 and 6 meeting of the National Board of Directors. Nominations for president-elect, two vice presidents and treasurer are now being accepted at 132 Alumni Center, Columbia, Mo. 65211.



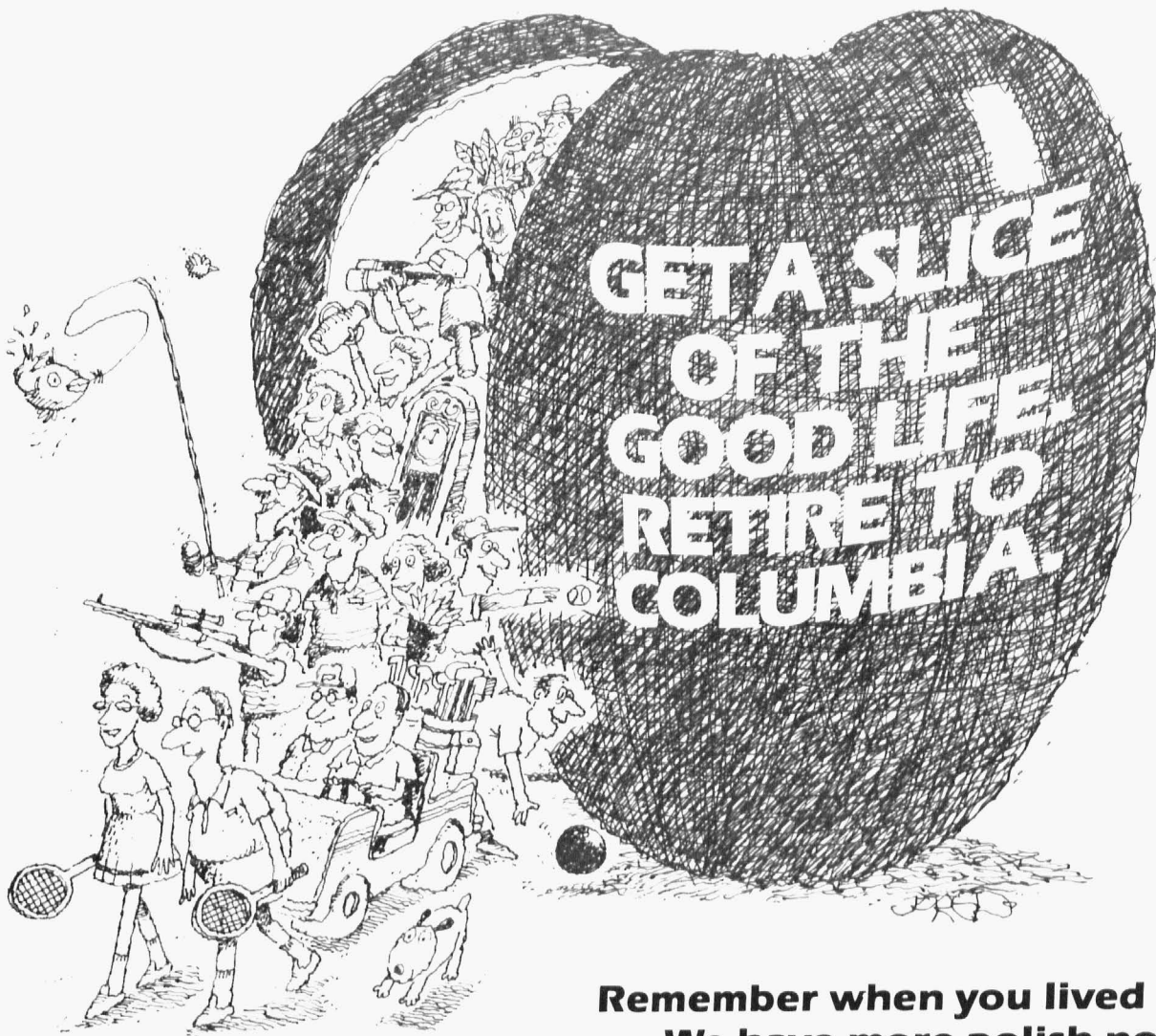
The Big Eight cruised the Caribbean from Jan. 15 to 26. Among the Tourin' Tigers aboard were, from the left: Bill and Ina Smith, Milpitas, Calif.; Mildred and Norman Crouch, Jefferson City; Arnold and Bettie Eysell, Independence, Mo.; George Walker, director of alumni activities, Columbia; Meg Eysell, Independence, Mo.; Janann and Frank Adams, Independence, Mo.; and Marcia Walker, Columbia.



Paul May, AB '82, was one of the first to apply for an alumni pass to Brewer/Rothwell and the Natatorium. Now May gets physical three or four times a week.



The long-range planning committee met in Columbia on Feb. 23 to discuss the Association's recent marketing survey and begin to recommend the organization's course for the next five years.



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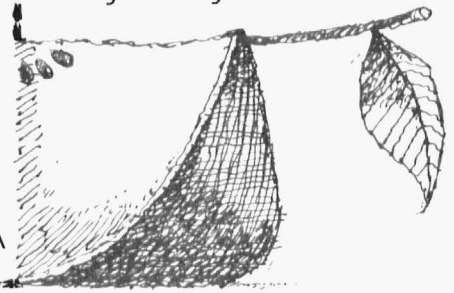
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Learn all about the advantages of retiring in Columbia. Send for more information NOW.

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With Thelma van Buren are students, from left, Beverly Miller Boyd, Aleta Andert, Daryl Weidner, Yvonne Matthews and Charles Stuckey.

Donor meets scholarship recipients

Charles Louis van Buren will never meet the recipients of his benevolence, but the same cannot be said of his wife, Thelma.

The Plattsburg, Mo., farmer died in 1981, but not before he and his wife had set aside \$50,000 in a scholarship fund for agriculture students.

They stipulated the scholarships be drawn from an anticipated 10 percent annual interest rate on the \$50,000.

A year has passed, and the first winners of the Charles Louis and Thelma Ferrell van Buren Scholarship have been announced. Mrs. van Buren was present to congratulate them.

The students, all Missourians, were: Beverly Miller Boyd of Arnold, Daryl Weidner of Tina,

Charles Stuckey of Ballwin, and Aleta Andert and Yvonne Matthews, both of Columbia.

Each of the five students received \$1,000. They represent separate areas of agricultural interest: farm management, agronomy, home economics, soil conservation and livestock production.

The scholarships are available to juniors or seniors who have financial need, display academic performance and are of good character.

The van Buren's had hoped that after five years, interest income would have surpassed scholarship withdrawals so the program may be expanded to support faculty proposals that are geared toward enriching students' lives. --Bob Martin

Ancient art gallery named for Gladys, Saul Weinberg

The Gallery of Ancient Art in the Museum of Art and Archaeology was named the Gladys and Saul Weinberg Gallery this month in honor of the former museum directors.

The Weinbergs worked from 1957 until their retirement in 1977 to create the museum, which is one of the major university collections in the country.

In their retirement, the Weinbergs continue to develop the museum through gifts from their own collection as well as the establishment of the Weinberg Fund within Museum Associates. The fund is used to purchase objects of ancient art.

"It is particularly fitting, in this silver anniversary year of the museum," says Director Osmund Overby, "to name the ancient gallery, which best reflects the interests of the Weinbergs, for them."

Vancouver Chamber Choir to perform April 18

The Vancouver Chamber Choir's April 18 concert closes the 1982-83 season of the UMC Concert Series.

The repertoire of this Canadian group ranges from baroque, classical and romantic works to modern arrangements of the 20th century.

In Jesse Hall auditorium, the 20-voice ensemble will perform humorous and poetic visions of animals and nature, ranging from madrigals of the Renaissance to *Five Flower Songs* of Benjamin Britten.

For tickets, write UMC Concert Series, 135 Fine Arts Center, UMC, Columbia, Mo. 65211. Prices are \$7 for general admission, \$6 for students and \$5 for groups of 10 or more.

Around The Columns

Rates for residence halls, family housing go up

Beginning this summer, students will have to dig deeper into their pockets and hope they find more than lint to pay new housing rates approved by the Board of Curators in February.

Residence hall rates for fall and winter semesters have increased 13 percent from \$1,635 to \$1,850 for a double room, A single room will cost \$2,150. The summer rate for a double room will be \$443, \$520 for a single.

In addition, rent for family student apartments has been raised from \$127 to \$137 per month for one-bedroom units and from \$145 to \$157 for two-bedroom units.

The rate increases will help meet increased operating

expenses, debt service and major repair and renovation costs. The new rates also will cover charges for administration services such as accounting, police, cashiers, purchasing and payroll.

"Although I'm never happy to announce any rate increase," says Roger Fisher, director of Residential Life, "I am pleased to note that UMC housing rates are lower than any of the other Big Eight or Big Ten institutions. Our students will pay about \$8 per day for room and board. I think it's a very good deal."

University library receives two precious books

The University library system has been given one of the earliest books printed in Venice and one of the first volume series of floral

illustrations done in the United States.

Quadraquesimale de Florib' Sapientiae, printed in 1476, is a collection of lenten sermons by Ambrosius de Spiera, a 15th century theologian. This book, a gift from law Professor William Fratcher, was printed by an Italian whose brother established the first printing press in Venice.

Given by former library staff member Kenneth Tisdell and his wife, Mary, *A Flora of North America, Illustrated by Coloured Figures Drawn from Nature*, was produced between 1821 and 1823. It contains 106 engraved plates printed in color and finished by hand.

First black curator dies

Theodore D. McNeal, the first black University curator, died Oct. 23 in St. Louis. He was 76.

McNeal, a strong supporter of the establishment of the University's St. Louis campus, also was the first black elected to the Missouri Senate, the first black president of the St. Louis Board of Police Commissioners and an emeritus trustee of Washington University in St. Louis.

He received honorary degrees from the University of Missouri, Washington University, St. Louis University and Lindenwood Colleges in St. Charles, Mo.

McNeal, who moved to St. Louis in 1921 after graduating from high school in Helena, Ark., won his Senate seat in 1960. He was a leader in the passage of the 1961 Fair Employment Practices Act and the 1965 state Civil Rights Code.

House directors sought for fraternities, sororities

UMC fraternities and sororities need house directors for the fall semester. Duties include menu planning, bookkeeping, budgeting, hiring and supervising personnel. Experience in household or institutional management and knowledge of social customs is required.

Salary varies according to individual fraternities and sororities; room, board and vacations are included.

Applications are due April 22 and may be obtained at 123 Jesse Hall, UMC, Columbia, Mo. 65211. For more information, call (314) 882-7275.

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As an alumnus of the University of Missouri-Columbia, you can appreciate the true meaning of the word University and the contributions it has made to your life. No matter how long it's been since you attended Mizzou, you can be sure that your University remains committed to providing a quality, personalized education in a wide variety of academic areas.

If you would like a prospective UMC student to receive up-to-the-minute information about course requirements, housing, financial aid, and making a Campus visit, please send us the student's name and address. You'll be doing a favor for both the student and Mizzou.

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(Please print)

Prospective Student _____

Street Address _____

City/Town _____

Zip _____

High School Attended _____

Area(s) of Academic Interest _____

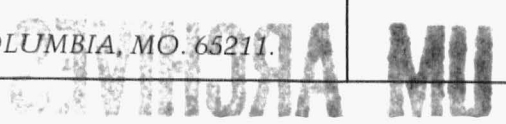
Parents' Names _____

Signed _____

Class of _____

Send to:

ADMISSIONS OFFICE/219 JESSE HALL/COLUMBIA, MO. 65211.



AGRICULTURE

Award winners announced; livestock center named

Nine award winners were recognized and the livestock center officially was named at the 20th annual Ag Day Barbecue.

Receiving citations of merit for outstanding professional accomplishments were: John E. Brown, BS Ag '43, president and chief executive officer of Cypress Manufacturing Co. in Creve Coeur, Mo.; J.W. Hackmack, BS Ag '47, an officer of Doane-Western in St. Louis; Brock M. Lutz, BS Ag '59, divisional vice president and director of operations at Ralston Purina Co. in St. Louis; Dan E. Miller, BS Ag '24, an Angus cattle breeder in Fayette, Mo.; Larry S. Murphy, BS Ag '57, MS '58, PhD '60, regional director of the Potash-Phosphate Institute in Manhattan, Kan.; and Barbara H. Rothenberger, BS Ag '61, M Ed '76, a horticulture instructor at Hickman High School in in Columbia.



Brown



Hackmack



Lutz



Miller



Murphy



Rothenberger

Of the 77 persons honored in the past 27 years, Rothenberger is the first woman. Her horticulture program now is serving as a model for other high school horticulture programs.

Receiving honorary agriculture alumni memberships were: James N. Ethridge, president of Tindle Mills Inc. of Springfield, Mo.; Glenn E. Heitz, president of the Federal Land Bank of St. Louis; and Peter C. Myers, chief of the U.S. Department of Agriculture Soil Conservation Service in Matthews, Mo.

The livestock center and its three units were named to honor five livestock leaders. The complete unit will be known as the Trowbridge Livestock Center, after the late Edwin A. Trowbridge, former professor and dean of the College.

The enclosed oval show area was named the Burch Arena after former Cooperative Extension Service Director Jim Burch. The center's sales facility now is called the Smith-Stout Sales Arena after Gene Smith, an organizer of the National Pork Producers Council, and the late Ed F. Stout, a fieldman for the Missouri Angus Association.

A corridor designated for Missouri Hall of Fame portraits was named the Dyer Hall of Fame after the late Albert J. Dyer, who was associated with the College for more than 40 years.

Thirteen members appointed to dean search committee

The 13 members of the Agriculture Dean's Search Committee, including faculty, staff, students and alumni representatives, were announced in February by Provost Ronald Bunn.

Max Lennon, agriculture dean since 1980, has accepted a position at The Ohio State University in Columbus effective this summer.

Search committee members are: Helen Anderson, associate dean of home economics; Rick Brandenburg, assistant professor of entomology; Bruce Bullock, professor and chairman of agricultural economics; Jane Fullerton, president of the Agriculture Student Association; Gene Garrett, professor of forestry, fisheries and wildlife; Robert Kahrs, veterinary medicine dean; Gordon Kimber, professor of agronomy and chairman of the College of Agriculture policy committee; Mary Lincoln, administrative associate; Chairman

Robert Marshall, professor of food science and nutrition; John Massey, professor of animal science and cooperative extension; C. John Poehlmann, manager of Bradford Farm; James Sprake, past president of the College of Agriculture Alumni Association; and Judy Wall, assistant professor of biochemistry.

Zuber named Man of Year

Dr. Marcus S. Zuber, professor of agronomy, has been named *Progressive Farmer* magazine's 1982 Man of the Year.

The award recognizes Zuber for his outstanding service to Missouri agriculture as a corn plant breeder. The internationally acclaimed geneticist has released 43 inbred corn lines, which are the basic blocks from which breeders build better plants. Mo-17, one of Zuber's inbred lines, is used as a parent of corn hybrids that account for one-seventh of all the corn grown in the United States.

Instruments form library

People who want a book go to the library. Scientists at Mizzou who want use of complicated equipment go to a library, too.

Dr. Charles Gehrke, professor of biochemistry, has been working on his "library of instruments" for 22 years. Now worth more than \$800,000, the pieces of sophisticated equipment in the Agriculture Building basement can be used by scientists throughout the University and the community.

"The idea is more timely now than it was back in 1960," he says. "No one would buy such expensive equipment for a single scientist or even a single department today. It would be like buying three cars when you only need to drive one."

The library's newest addition is a highly advanced spectrometer that gives scientists a precise fingerprint of any molecule by hitting it with beams of light and breaking it down into its smallest part.

Part of the \$245,000 that paid for the spectrometer came from the National Science Foundation. The rest, including money to hire four people to run the machine, came from Campus funds.

"One of the reasons we were able to raise the money is because the machine can be used by anybody," Gehrke says. "Here's a book. You can go the the library and check it out. In there is a set of instruments. That's a library, too. People can go to it."

ARTS AND SCIENCE

Four dean candidates interviewed on Campus

Since January, four dean candidates have been interviewed on Campus.

They are: Samuel A. Kirkpatrick, professor of political science and department chairman at Texas A&M University in College Station; Peter C. Stein, vice provost at Cornell University in Ithaca, N.Y.; Milton D. Glick, professor of chemistry and department chairman at Wayne State University in Detroit; and Susan Welch, professor and chairman of the political science department at the University of Nebraska-Lincoln.

Provost Ronald Bunn and the search committee, which is headed by Robin Remington, professor of political science, are evaluating the candidates.

Richard L. Wallace has been serving as interim dean since former Dean Armon Yanders returned to teaching.

Student interest grows in Black Theatre Workshop

Visiting Professor Clyde Ruffin has been traveling to Columbia once a week for three years from his St. Louis home.

Ruffin, an assistant professor of performing arts and black studies at Washington University, teaches UMC's Black Theatre Workshop.

The 34 students who meet with Ruffin every Thursday afternoon represent a 70 percent increase over last year's enrollment.

And interest does not appear to be waning. The small rehearsal room in the Fine Arts Building overflows on the afternoons students present offstage productions.

The workshop is a two-semester course. During the fall semester, Ruffin stresses fundamentals and techniques of acting. The winter semester is devoted to the preparation of a main-stage production.

This year's offering is "God's Trombones" by James Weldon Johnson. The production, which will be presented May 6, 7 and 8, is an accumulation of seven biblical sermons in verse.



Ted Wood

Alumni gathering celebrates 20th Ag Day Barbecue

Although the weather outside the newly named Burch Arena was below freezing and cloudy, the atmosphere inside was warm with handshakes and hugs of old friends.

Alumni sauntered across the sawdust-covered floor and sat at the red and white checkered tables for the traditional meal of inch-thick slabs of roast beef, baked potato, salad, roll and ice cream at the 20th annual Ag Day Barbecue in February.

But the Aggies hadn't come just for the famous food and the service of the faculty-turned-waiters; they came to renew friendships, to share knowledge, to discuss current agriculture issues and to honor their peers.

About 1,050 alumni took part in this celebration of the land and all that it produces. The attendance at the barbecue falls second only to Homecoming as far as alumni meetings go.

"It's a total commitment on everyone's part," says Jim Sprake, BS Ag '59, past president of the Ag Alumni Association. "Each year, everyone tries to make it better and more people want to be a part of this event."

Working together seems to be characteristic of the group. But the camaraderie doesn't restrict itself to a once-a-year barbecue. Aggies work together throughout the year in extension education



Faculty serve Ag Day feast.

and lobbying efforts in Jefferson City. The new Animal Sciences Center is largely the result of the latter. "Aggies are much more close-knit than other alums," says Cordell Tindall, BS Ag '36, a regular participant in the barbecue, "and that gives us clout in Jeff City."

Adds Dean Max Lennon, "Ag alumni are loyal to the University, eager to support the University and work hard to help us to move up."

That closeness and loyalty starts as students. When they graduate, Sprake says, they become "a member of a big family."

Folk art show displays works by Missourians

Residents of small towns have long reveled in the practicality and beauty of folk art, an art form largely ignored by advocates of fine arts.

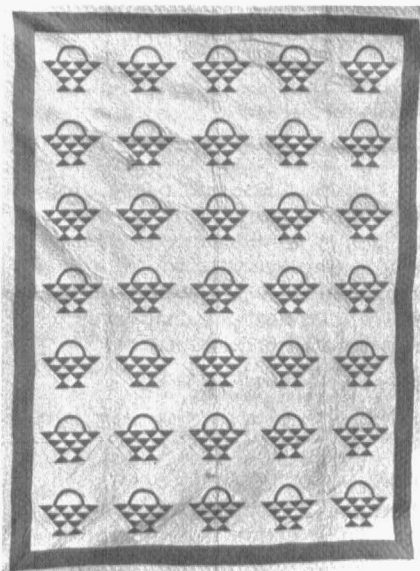
The University's art department promoted creators and collectors of folk art in a show last fall titled "Missouri Folk: Their Creative Images."

Folk art is the art of the people, self-taught artists who express themselves through a variety of materials. The show included an array of creations, ranging from quilts and wicker baskets to musical instruments and hand-painted signs.

"These people are not educated in art," says Robert Bussabarger, a coordinator of the show, "and they erupt spontaneously from the social fabric."

Each piece of art has an individuality which cannot be duplicated by a machine. The art world has not recognized this creative segment extensively because folk art often lacks the refinement of years of formal training.

Folk art was first acknowledged in 1932 at the Museum of Modern Art in New York City. The intent of that exhibit, as well as the recent University exhibit, was to increase public awareness of



This wedding quilt in a colonial basket pattern shows fine stitching.

this special form of expression.

Bussabarger says the local show was an eye-opener for the 2,000 people who viewed the pieces.

A unique aspect of this show was that it presented work from Missourians only. Most folk art shows since 1932 have been national or regional.

Faculty members needed 1½ years to search for pieces and make final selections. They considered the time well spent.

"We thought it was a very rewarding experience for the artists as well as for the public and the University," Bussabarger says.

BUSINESS AND PUBLIC ADMINISTRATION

This fall, MBA courses to be offered at night

Some people in business would like a master's degree in business administration, but can't take time off from their 8-to-5 jobs to get one.

To help these people, the School of Business and Public Administration is offering, for the first time this fall, three evening classes that meet basic MBA requirements.

The classes are being offered from 6:30 to 9:30 on Monday, Tuesday and Thursday nights.

Courses offered include Organizational Theory and Behavior, Managerial Marketing, and Marketing Strategies.

"We're trying to provide more access to people who work full time," says Robert Penfield, professor and director of Graduate Studies in Business.

Registration for the fall courses opens Aug. 22. For more information concerning the MBA program, call Penfield's office at (314) 882-2750.

Coordinator of career planning, placement named



Smiley

Dianna Smiley, former career counselor at Moberly (Mo.) Junior College, has been named coordinator of career planning and placement.

Smiley, BS Ag '76, M Ed '78,

hopes to improve the College's ties with new employers and companies, especially those in Missouri.

She says she wants to help students realize their responsibility in a job search as well as improve their basic job-hunting skills.

The center is used by more than 150 companies and 750 students annually.

Ruffin says this year's class is a really energetic bunch and that outweighs the tedium of the 250-mile trek he makes every Thursday. In fact, he says, "I'm finding the class more and more challenging and I don't mind it [the drive] at all."

Second-graders learn basics of German language

The sound of German rings through the halls of Ridgeway Elementary School each spring as Mizzou students enter classrooms to teach the language. The students are part of an internship program co-sponsored by the Germanic and Slavic studies, and the curriculum and instruction departments.

Teaching the basics of German to second-graders has become a

10-year tradition, says Dr. John Lalande, assistant professor of German.

Lalande says the enthusiasm of both Mizzou and Ridgeway students is an interesting combination.

"It's amazing," he says. "Those kids can really learn in the short time we have them."

Instruction is given twice a week from February to May. The children emerge with a small repertoire of songs, the ability to express greetings in German and a vocabulary of about 150 words. Children also acquire a positive attitude toward learning a foreign language, Lalande says.

In May, the young German-speaking students present a show for their parents. The children present skits and sing songs. The language may be a bit strange, but everyone understands the spirit.--JoEllen Lewis

Weeklong workshop scheduled May 15 to 20

The Missouri Institute for Executive Development and the College of Business and Public Administration are co-sponsoring a managers workshop May 15 to 20.

It is the fourth annual Missouri Management Development Program, which is designed to sharpen management skills in the areas of planning, organization, leadership, decision making and group control.

The program fee, \$775, covers instruction, study aids and meals.

For more information, contact Earl Cecil at (314) 882-2773.

Professor studies Japanese marketplace

The Land of the Rising Sun could be the land of rising opportunities, says one University professor.

Dr. S. Watson Dunn, professor of marketing, says Japan could be a large, affluent market for American products and ideas if domestic companies could develop their marketing strategies to the Japanese lifestyle.

Dunn recently has completed a study of 20 large firms involved in Japanese marketing as well as several Japanese marketing and advertising agencies.

Although the language barrier provides some communication problems, Dunn says American marketers incorrectly assume a product rates the same marketing strategy in Japan as it does in the United States.

For example, Polaroid found business market sales in Japan much larger than expected.

"Japanese business executives love to record memorable business events--visits from a distributor, company committee meetings, or a visit of the firm's factory chairman.

"They're ecstatic at having copies to distribute immediately," Dunn says.

Yet, Polaroid executives in Japan found resistance from U.S. headquarters to gear a major advertising effort to Japanese business markets because it would involve different positioning of the product in Japan than in other markets.

Dunn also says there are some creative problems in developing advertising for the Japanese. They tend to use inferences

to communicate more frequently than the more explicit approach used in Western advertising.

Dunn thinks, though, he may have uncovered at least one solution to these problems during his studies.

"If U.S. firms can recruit top Japanese university graduates or if they would send promising young employees to top Japanese MBA programs, they will find it easier to improve relations with distributors."

Mizzou participates in teleconferencing network

As a member of the National University Teleconferencing Network, Mizzou now is able to bring the nation's experts into its own back yard via satellite hookup.

The teleconferencing system allows member institutions to participate in live conferences, seminars and lectures beamed coast to coast. Besides cutting travel costs, teleconferencing brings expensive talent to Mizzou at affordable prices. The network presently is limited to the United States, but expansion to Europe may be the next step, according to Dr. Charles Campbell, associate vice provost for extension services.

Teleconferencing works by bouncing signals off a satellite to receiving dishes on member campuses. Signals are projected onto large television screens, and active audience participation is possible through a two-way audio system.

Mizzou's first teleconference, sponsored by the College of Business and Public Administration in January, contrasted United States productivity with Japanese management. The program originated from the University of Nebraska and American University in Washington.

Because Mizzou has no receiving dish, local participants went to the Kansas City campus for the first conference. But future teleconferences may be beamed directly to Columbia, according to Dr. Ron King, B&PA assistant dean.

King says B&PA has received gift moneys to be used for a downlink receiving dish. "Now we will be able to sponsor programs at our own campus. In fact, we anticipate originating teleconferences directly from the business school in the near future."

King says he is enthusiastic about the response to the first program, which drew about 60 participants.

Silvoso elected president of national organization

Dr. Joseph A. Silvoso, professor of accountancy, has been elected president of the Federation of Schools of Accountancy.

The FSA is a national organization formed by schools that advocate a five-year education program for accounting majors.

Silvoso is the founding director of Mizzou's School of Accountancy, which has been given full-member status in FSA.

"The philosophy we share with other FSA schools simply boils down to the fact that we don't feel we can tell students all they need to know in four years," explains current Director Rick Elam.

Being named to FSA membership marks recognition of a high-quality five-year professional program and a capable faculty. The FSA, which spent the past five years organizing and defining requirements, recently began granting memberships, Elam says.

EDUCATION

Coach Smith retires after distinguished career

Old football guards grow older and eventually retire.

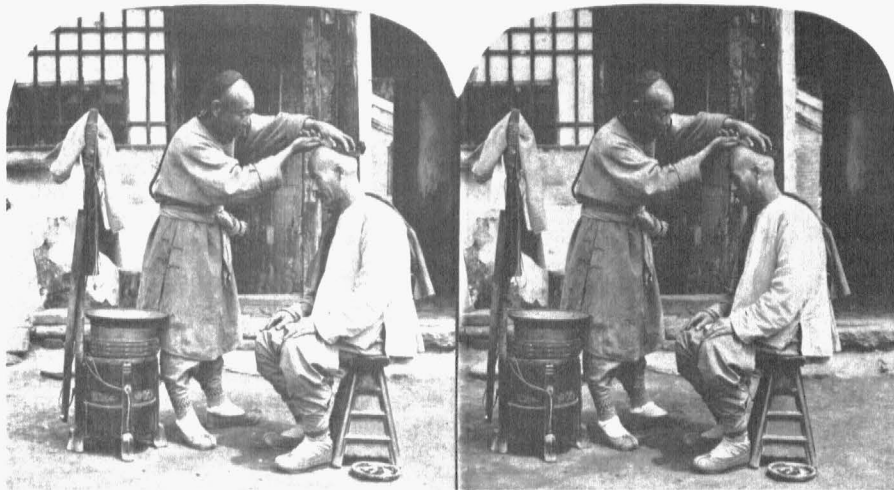
Such is the case of Harry E. Smith, who recently retired as assistant professor of health and physical education.

But Coach Smith was not just an ordinary guard. He had played college ball at the University of Southern California where he was a two-time All-America in 1938 and 1939.

After his collegiate days, he played in the National Football League with the Detroit Lions. Later, he went on to coach in Canada and, eventually, came to Mizzou and was an assistant to coaches Faurot, Broyles and Devine.

Smith has been selected to the National Football Hall of Fame, the Grantland Rice All-Time All-America team for the first half of the 20th century and as a all-time great at USC, a 22-man team that includes Frank Gifford and O. J. Simpson.

Smith did much in the way of athletic counseling here. "He was emphatic about the importance of education for the athletes," says Jean McGinnes, one of Smith's intramural program coworkers.



stereoscope card pictures a barber scene in Peking, China.

Rare photographs depict life in Imperial China

There is much to be said for spending lazy Saturday afternoons at neighborhood rummage sales; just ask Dr. Christopher J. Lucas, professor of education.

Lucas has written his fifth book, *Yesterday's China*, from the findings of one such sale.

The book is a collection of more than 225 rare photographs which depict life in Imperial China.

In addition to turn-of-the-century stereoscope cards, Lucas discovered a travelogue which

accounted for the origination of the cards.

Since Lucas made his discovery, he has traveled twice to China and Taiwan to research the book.

The proceeds of the work, published in both English and Chinese, are being donated by the author to the Pacific Cultural Foundation that furthers East-West relations and exchange.

Lucas, who teaches a course about China for the Honors College, admits to having a life-long interest in that area of the world.

"When the rest of the kids were listening to Grimm's fairy tales," he says, "I was hearing Chinese folk tales from my aunt, who was a medical missionary there."

"He always stressed the importance of a degree to the athletes," she says.

College prepares teachers with computer skills

"Microcomputers have brought computing to a desktop anywhere," says Dr. Lonnie Echternacht, associate professor of practical arts and vocational technology. The growing role computers in homes and businesses brings a need to include them in education.

Consequently, the College of Education is reallocating funds to create a microcomputer laboratory, headed by Echternacht, that will help the College prepare teachers with computer skills.

"Computers are natural in teaching business and math courses," Echternacht says. They also aid in teaching planning and organizational skills to younger students.

According to Echternacht, persons qualified to teach computer

skills are in great demand by those hiring teachers.

"School administrators are looking for someone who can teach students as well as their present faculty," he says.

The College now has eight Apple II computers. They are being used in an existing business lab to teach three new computer application courses.

Echternacht says students have demonstrated a great interest in the computer program. The biggest problem is having enough equipment to handle this interest.

Seven more Apple IIe computers are being added, and the entire collection is being moved to a renovated space in 201 Hill Hall. The new facility should be ready during the current semester.

Grants total \$2 million

The College of Education has been awarded \$2 million annually in grants and contracts from external funding sources during the past seven years.

Two-thirds of the grants are in the area of teaching and training. Other areas of grant receipts include curriculum development and inservice education.

The U.S. Department of Education and the Missouri Department of Elementary and Secondary Education are the two largest suppliers of funds.

Other sources include the National Science Foundation, the National Center for Research in Vocational Education, other colleges and universities, Missouri school districts, state agencies such as Social Services, Youth Services and Manpower Planning, and private corporations and foundations.

ENGINEERING

Free test measures home's energy efficiency

Homeowners with just a fire extinguisher and a few free hours may save many dollars on insulation.

An Air Infiltration Measurement kit has been developed by the Missouri Farm Electrification Council and the agricultural engineering department.

A trained agricultural engineering specialist releases a small amount of carbon dioxide in the house as a tracer and then measures its disappearance. The entire test, which is free, takes about 2½ hours.

"In winter, anywhere from 25 to 40 percent of a house's heat loss is due to air infiltration," says Albert Garcia, instructor of agricultural engineering.

The test measures energy efficiency of a home, and homeowners can then use this information to decide whether to insulate and which insulation would be best.

"The test's value is that it provides an indication of how much outside air is infiltrating into the house," Garcia says.

Persons in Missouri who are interested in this new testing service should contact their county extension center or Garcia in the agricultural engineering department, UMC, Columbia, Mo. 65211. His phone number is (314) 882-6328.

Four engineers honored

Four prominent engineers, three of them alumni, received the Missouri honor awards for distinguished service in engineering March 4.

The four are James M. Beauchamp Jr., retired UMC professor of industrial engineering and director of continuing engineering education; John E. Breen, MS '57, professor of structural engineering at the University of Texas in Austin; Kenneth E. Kalen, BS CE '49, president and chief operating officer of Panhandle Eastern Pipeline Co. and Truckline Gas Co. in Kansas City; and R. Max Peterson, BS CE '49, chief of the U.S. Forest Service in Washington.



Beauchamp



Breen



Kalen



Peterson

Placement rate drops for engineering grads

The horizon looks bleak for engineering graduates, once the envy of their peers.

Of the 165 December '82 engineering graduates, only 60 (36 percent) got jobs in their field. Last May, 85 percent of engineering graduates were getting good jobs at high salaries, according to the engineering placement office.

Reasons for the drop are numerous. The petrochemical industry has slumped; power plant construction is down; high interest rates have curtailed commercial building; and established engineers--victims of a natural weeding of companies forced to cut down--are competing

in stronger numbers with recent graduates.

Jack Morgan, director of engineering placement, says the picture doesn't look much brighter for May '83 graduates.

But students are not panicking yet. "I'm fairly confident I'll get a good job," says Brian Faust, senior civil engineering student from Raytown, Mo. "My grade point average is pretty good."

Morgan says top graduates are still finding jobs, and at higher salaries than ever before. The median salary reported by December graduates is \$25,344. But while some are getting more money, many are settling for less.

"I may have to go as low as \$21,000 to get the job I want," Faust says. "Civils aren't much in demand. If I can't get that, I'll go to graduate school."

Six percent of December graduates decided to do just that--pursue careers in law, medicine or a higher engineering specialization.

"I'm not making any predictions," Morgan says. "But I hope things will be starting up again for next December's graduates. Right now things are down."

Brooker retires after 31-year career

Don Brooker, a life fellow of the American Society of Agricultural Engineers, has retired as professor of agricultural engineering.

He won numerous awards for teaching during his 31-year career at UMC including agriculture's Gamma Sigma Delta award in 1973, the Halliburton College of Engineering award in 1979 and the AMOCO teaching award in 1981.

Brooker remains active by reviewing research papers and revising a textbook, *Drying Cereal Grain*, which he is writing with Fred Bakker-Arkema and Carl Hall.

Minority scholarships given

The College of Engineering awarded \$40,000 in scholarships to 47 minority engineering students during the 1982-83 academic year.

Scholarships were awarded on the basis of academic excellence

and need, says Dr. Jay McGarraugh, professor of civil engineering. In all cases, students are required to apply for financial aid through regular channels. Scholarships are awarded for additional need.

The College gives two types of minority scholarships, McGarraugh says. New student scholarships are awarded to freshmen and smaller scholarships to upper-level students.

New student scholarships provide recipients with total resources to complete the first year of schooling, including fees, books, supplies, and room and board. Seven new student scholarships were awarded this year.

The smaller scholarships awarded to upper-level students are based on an evaluation of students' needs and resources.

The National Council for Minorities in Engineering supplied \$11,700 of the scholarship moneys for 1982-83. The rest was given by various industries that support the College, McGarraugh says.

FORESTRY, FISHERIES AND WILDLIFE

Faculty members recognized

FF&W faculty members have reaped recent honors, achievements and appointments.

Dr. Richard C. Smith, professor emeritus of forestry, was honored with a yellow poplar tree planted near the Alumni Center. A brass plaque mounted on a slab of Missouri granite cited Smith's 35 years of outstanding service to his students, his profession and the University of Missouri. Smith also received a certificate of merit at the annual forestry alumni meeting and an honorary membership in the forestry division of the UMC Alumni Association.

Dr. Charles F. Rabeni, assistant professor of fisheries and wildlife, received a special achievement award from the U.S. Fish and Wildlife Service for his duties as assistant leader of the Missouri Cooperative Fishery Research Unit.

H.E. Garrett, PhD '70, professor of forestry, has been appointed editor of *Forest Science*, published by the Society of American Foresters.

Foresters honor UMC prof with 'beastly' award

The Karkhagne likes to hang around campfires or hide in dark corners of village saloons, but the Karkhagne Award seems to have a penchant for Mizzou.

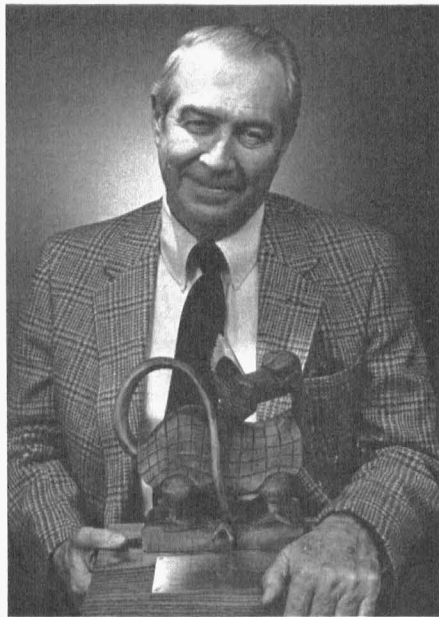
Dr. Lee Paulsell, professor of forestry, received the second annual Karkhagne Award in January from the Missouri chapter of the Society of American Foresters. Last year the award went to Dr. Richard C. Smith, professor emeritus of forestry.

The mythical beast was created in the fertile mind of a Missouri forester three decades ago, although some people claim the Karkhagne dates back to the era of the Blackfoot Indians. It prowls Missouri forests, pestering the foresters.

"In a way it is the most prestigious award I've ever gotten, and I've had a few," Paulsell says. "It means a lot, because it comes from other professionals whom I've known for years."

Additionally, the Society also named him Outstanding Forester of the Year.

Paulsell has been at Mizzou since 1953, and has been faculty adviser of the Forestry Club for 20 years. He confines his university work to student-related affairs and calls himself an odd-job specialist. He teaches, advises and counsels. He works with financial aid, student searches



Lee Paulsell receives Karkhagne. Cina Setser

and summer job recruitment.

Paulsell says that about 12 years ago he and a couple of other forestry faculty members decided that students needed more specialized attention. They took all the advising chores on themselves, and it's been that way ever since.

"Of course we make mistakes," he says. "But at least our mistakes are consistent."

Paulsell doesn't think it's significant that the forestry department has received the award two years running.

"There were a lot of other people they could have given it to," he says. "But I'm not offering to give it back."

Forestry Club adds \$5,000 to scholarship fund

The Forestry Club has added \$5,000 to the forestry student scholarship fund of \$10,000 established in April 1982. The club also will provide \$1,500 in scholarships for students attending forestry field studies this summer.

The club's annual Christmas tree sale provided most of the funding for the scholarship program, according to Dr. Lee Paulsell, Forestry Club faculty adviser. Paulsell says the club sold 950 trees in a three-day sale at Memorial Stadium in 1982.

HEALTH RELATED PROFESSIONS

Speech pathologist offers advice for stuttering

You're 15 years old. Adolescence at its finest. What could be worse?

Many things, says Shirley Patterson, speech pathologist and clinical adviser at the Speech and Hearing Clinic. In particular, you could be one of the thousands of teenagers who stutter.

Stuttering, which afflicts more than two million people in the United States, can turn normal situations into nightmares.

According to Patterson, more research has been done on stuttering than on any other speech disorder. Since stutterers have no apparent physical or mental abnormality, the exact cause of the affliction has yet to be determined.

Treatment varies and can include relaxation exercises, learning air-flow control through the mouth and attempting to locate a mental block that may be causing the problem.

Patterson emphasizes the role parents can play in helping a child overcome this dysfunction.

She says the first thing they should do is seek professional help. Sometimes a phone call can answer most of their questions. Parents should set good models of speech for their children to emulate.

Just as important, the parent needs to be a good listener. Each day, set aside time to help your child.

Above all else, be patient. Your adolescent's confidence fluctuates, regardless of speech dysfunction.

Moore honored as state's outstanding dietitian

Dr. Aimee Moore will be honored as Missouri's Outstanding Dietitian at the annual meeting of the Missouri Dietetic Association April 21 in Columbia.

Moore is director of dietetic education, which is offered by the School of Health Related Professions and the College of Home Economics. As part of the award, a donation will be made in her name to the American Dietetic Association Foundation.

Assistant professor named to accrediting commission

Dr. Andrew A. Lasser has been named a fellow of the accrediting commission on education for the Health Services Administration in Washington.

Lasser, assistant professor of health services management, will visit sites for accreditation during his term, which expires in December 1983.

Harting appointed to board

Dr. Roger Harting, associate director, recently was appointed a member of the board of directors of Alpha Eta, a national honorary in health related professions.

Harting will serve a three-year term.

Dean passes evaluation

Dean Beatrice Litherland will continue as dean, according to Provost Ronald Bunn.

UMC deans are evaluated every five years. They complete a self-assessment evaluation, faculty and alumni rate them and the provost surveys the results.

Litherland has been dean since July 1977. She previously was associate dean at North Dakota State University.

Five professionals honored

Five home economics and education professionals were honored during Home Economics Week in early April.

Receiving a citation of merit was Dr. Ann M. Messersmith, PhD '75, department head and associate professor of institution management at Oregon State University in Corvallis. Kathy Moore, BS Ed '75, manager of home economics for the Rival Manufacturing Co. in Kansas City, received the junior citation of merit.

Receiving honorary home economics alumni memberships were: Sen. Nelson B. Tinnin, BS Ag '33, of Poplar Bluff, Mo., chairman of the public and higher education and the agriculture committees; and Dorothy Schull of Carthage, Mo., president of the Missouri Extension Homemakers Association and member of the President's Extension Advisory Board.

Receiving a special citation for international service was Wattana Pratoomsindh, MS '70, department head of home economics at The Prince of Songkla University and director of the Food and Nutrition and Rural Development Center for Southern Thailand.

Martha Keys, former congresswoman from Kansas, delivered the seventh Margaret Mangel Lecture, which recognizes the contributions of the dean emeritus who retired in 1977.

Feather to participate in futures seminar

Dr. Betty Feather, assistant professor of clothing and textiles, is one of 14 selected to participate in the 1983 Futures Seminar of the National Association of College Professors of Textiles and Clothing. The seminar, to be held in Minneapolis, is designed to assess the field

Students buck tradition with home ec major

Child care has taken on a new meaning for three men in the College of Home Economics. Malcolm Dixon, Jim Horton and Ralph Lee are three of five men majoring in child and family development.

The decision to enter the female-dominated field was not difficult because of their interest in people and relationships.

"A child--that's your only natural resource," Dixon says. "You get to them early enough and teach them what's right... and they'll grow up all right."

Dr. Marilyn Coleman, head of the department, says she admires these men for entering a field that some might not consider masculine. "It's marvelous to see these huge men being gentle and caring with 2- to 5-year-old children.

"It's doubly hard for them to make this move," Coleman adds, "because the pay is traditionally low and they occasionally receive guff from other males."

Lee, also a volunteer fireman and paramedic, agrees that the pay is a deterrent. "I think the reason there aren't so many guys in this department is because they are out for a career that fits society's expectations, rather than checking out what life's about," he says.

Lee was kidded by fellow firemen about his C&FD major until those firemen came to the child care lab to give a talk. It was then that Lee's friends realized communicating with children on a one-to-one basis was not so easy after all. The kidding soon stopped.

Horton has received comments which could be termed, at best, reserved. "I think people have the attitude that this major rates right up there with basket weaving," he says.

C&FD study emphasizes human development, the three students stress, and it includes all age groups in all walks of life.

"I don't think there's enough

as it stands and evaluate any needed curriculum changes.

The field was established with the family and secondary education in mind, Feather says, but the current trend has been to emphasize business-oriented



Students, from left, Jim Horton, Ralph Lee and Malcolm Dixon enjoy studying child and family development.

awareness of how important family life and the early experience that we have really are," Horton says.

Apparently, it's never too late to learn. Though none of the men consider themselves narrow-minded, they agree that they have learned to accept alternative lifestyles and relationships.

"If I've learned nothing else," Horton says, "it's been to accept people for who they are, not for what they are."

Even though the job market looks dismal, these three are looking forward to the future.

"Even if I don't get a specific job title out of this degree," Lee says, "just the experience and being able to live it every day will be enough for me."

Horton also believes the study of human development and relationships is valuable. "If I grew one inch for every little bit I learned last semester," he once told a friend, "I would be 10 feet off the ground right now." You don't get a major out of this, you get more of a lifestyle."--Trisha Ratledge

merchandising. The seminar will allow leaders in the field to discuss these changes and whether their respective curriculums provide the education to meet the changes.

Feather has been researching clothing for the handicapped since 1975.

JOURNALISM

Four dean candidates interviewed on Campus

A journalism dean candidate who was offered the job last year, but declined is one of four candidates to be interviewed on Campus so far this year.

Returning for a second go-around was Paul Delbert Brinkman, dean and professor of journalism at the School of Journalism at the University of Kansas.

The other three candidates who were interviewed include Robert Phillips Clark, MA '48, president-elect and director of the American Society of Newspaper Editors; L. Edward Mullins, associate dean of the School of Communication at the University of Alabama in Tuscaloosa; and Kenneth Starck, professor and director of the School of Journalism and Mass Communications at the University of Iowa in Iowa City.

Elmer Lower, professor of journalism and former president of ABC News, is serving as dean this academic year. Former Dean Roy M. Fisher resigned as dean last August after 11 years in the position. He is spending this year on sabbatical in Washington.

'Nightline,' 'Viewpoint' to be broadcast live

ABC-TV will broadcast its late-night news programs, "Nightline" and "Viewpoint," live from Jesse Auditorium April 21 and 22.

The programs will air during Journalism Week April 18 through 22. Ted Koppel, anchor for "Nightline," will speak at the Journalism Banquet April 22 at Stephens College. The banquet honors winners of the prestigious Missouri Medal, one of whom is Koppel.

Throughout the week, other professionals from advertising, broadcasting, magazine, news-editorial and photojournalism will conduct seminars for the journalism students.

As part of the School's 75th anniversary celebration, a birthday party will be held April 18.

Students produce tabloid about minorities in media

A group of 25 newswriting students simultaneously sharpened their skills and learned a few lessons about their

chosen profession last semester.

The students gathered information, conducted interviews and wrote stories which were published in the tabloid, *Telling the Story of America*.

The publication, circulated with the *Columbia Missourian*, investigated the status of Blacks, Indians and Hispanics in journalism.

The special project looked at minority coverage and the discrimination experienced by minority journalists as well as efforts toward recruiting minorities for journalism careers.

Included were personal experiences by the students, profiles of minority journalists and a review of the Kerner Commission findings, a 1968 investigation of the effect of mass media on racially spurred riots.

The project, funded by the Dow Jones Newspaper Fund, was directed by Dr. Robert Knight, professor of journalism.

LAW

Proposed new building will solve space problems

The trials and tribulations of the Law School's space problems will be over with the construction of the proposed new building.

Currently, faculty offices are in both Tate Hall and Lowry Hall Annex; books also are stored there as well as in the basement of Ellis Library; and the *Missouri Law Review* offices are in a house on Kuhlman Court.

"It's more than a hassle," says Associate Dean Ken Dean. "It's a cumbersome and inefficient way to have things done."

The proposed law school will have 100,000 square feet to pull all the scattered offices and storage facilities into one building. Most of the space--60 percent--will be used for a library large enough to accommodate all 430 students. The rest of the space will be used for offices and classrooms, including one room especially designed for videotaping courtroom procedures.

The proposed building, which will cost about \$17 million, was designed by the Kansas City architecture firm of McCoy/Hutchinson/Stone in association with Leonard Parker Associates of Minneapolis. If legislative funding comes through in time, construction

will begin in mid-1984 at Conley Street and Missouri Avenue.

"The key factor is that the new building will give us more space in terms of student space, library space and study space," Dean says.

Review features article on insanity defense

The *Missouri Law Review*, in its 48th year, recently has published its largest edition.

The issue features an article by U.S. Attorney General William French Smith titled "Limiting the Insanity Defense: A Rational Approach to Irrational Crimes."

In light of the interest generated by David Hinckley's insanity plea, Smith reviews the status and major shortcomings of federal law concerning the insanity defense. He assesses three legislative proposals to change the law and concludes by outlining Senate Bill 2572, the single proposed change that he says "holds potential as a workable and humane approach to a very difficult national problem."

The *Review* is run by law students and has a circulation of 1,300.

New LSAT stresses writing over math skills

Aspiring law school students may have to brush up on their literary skills if they want to do well on the Law School Admissions Test.

The test, a predictor of how well-suited students are for a legal education, has been redesigned and the new format went into effect in June. The math section has been replaced with a section in which the students write an essay in 35 minutes.

Test scores on the old four-part exam ranged from 200 to 800, and the questions were multiple choice. Test scores on the new exam range from 10 to 50 and, for the first time, a writing sample is required.

These changes are a result of New York's truth in testing law, which requires disclosure of each form of the LSAT immediately after its use.

The Law School Admissions Council, as reported in the *Columbia Missourian*, decided to make the point values of the questions more equal and wanted to increase the grading speed.

As a result, each section of the test now has the same time limit.

LIBRARY AND INFORMATIONAL SCIENCE

Dean passes evaluation

Dean Edward P. Miller will continue as dean, according to Provost Ronald Bunn.

UMC deans are evaluated every five years. They complete a self-assessment evaluation, faculty and alumni rate them and the provost surveys the results.

Miller, who has been with the University since 1972, served as interim dean from September 1974 until his appointment as dean in May 1975.

Literary protests increase

What do the books *One Flew Over the Cuckoo's Nest* by Ken Kesey, *Slaughterhouse Five* by Kurt Vonnegut, and *The Catcher in the Rye* by J.D. Salinger, have in common?

They've all been taken off public and school library shelves around the country because of their explicit language or descriptions.

Dean Edward P. Miller says he's as opposed to censorship as censors are to a book they disapprove.

According to the American Library Association, protests against library materials are three times greater now than in the late '70s.

"Every censorship case is a strike against the freedom of information on which our society is based," Miller says. "The public library is the last bastion guaranteeing people access to information."

Parents of school children and other community members are questioning the moral fiber of the educational system, at times, at the expense of American literary classics.

Alumni to meet April 23

Alumni day for the School of Library and Informational Science is scheduled for April 23.

The day will begin with an Advisory Council meeting at 9 a.m. in N222 Memorial Union. The divisional alumni group will meet at 4 p.m. in Stewart Hall.

The annual awards banquet will begin at 6 p.m. in the Memorial Union Faculty-Alumni Lounge, followed by dinner at

7 p.m. in S214 Memorial Union.

The theme for this year's banquet will be a farewell to Bert R. Boyce, associate professor and chairman of information science, who is leaving UMC after 10 years to accept a position at Louisiana State University in Baton Rouge.

Advantages of statewide library network cited

A statewide library network bill, before the legislature this session, could legalize a system that saves libraries time and money.

If approved, the bill would provide legal basis for a system of sharing materials that exists between private, public, academic and other libraries in the state.

"The network probably will help get Missouri into the 21st century in this area," says Edward Miller, dean of library and informational science.

Sharing materials allows small-town libraries access to obscure literatures. Larger systems, such as Ellis Library, benefit when they can borrow, rather than buy, materials not often used.

With aid of microcomputer networks across the state, the system of sharing materials is becoming faster and more efficient.

The enabling legislation is just one more step in the development of this time- and cost-efficient library network.

The bill would cost the state nothing, according to Miller, who supports the legislation. He says membership fees paid by involved libraries support the network. Any other monetary support comes from the federal level.

MEDICINE

Temporary dormitories to be razed after 36 years

In an April 13 ceremony, medical school faculty and staff will say goodbye to TD-3 and TD-4, temporary dormitories that stood for 36 years behind the medical school and UMC Hospital and Clinics.

Bulldozers will raze the buildings to make room for the new 52,000-square-foot Health Sciences Library, partially funded by the largest private fund-raising campaign ever undertaken at UMC, and a 46,000-square-foot

Building for classrooms, offices and conference rooms.

TD-3 and TD-4 were trucked to Columbia from the Grand Island, Neb., Cornhusker Ordnance Plant, where they had stood during World War II.

The TDs were erected at the north edge of "GI City," a sprawling complex of more than five dozen barracks, most of which had been brought from Fort Leonard Wood, Mo., in 1946 to house the massive influx of war veterans.

GI City all but disappeared in the mid-1960s when the hospital and medical school were built, but TD-3 and TD-4, more substantial than the one-story Fort Leonard Wood barracks, remained to house single male students. In the '50s, they were used to house women students.

Since 1962, the barracks have been used for medical school offices. Faculty and staff from the medicine and child health departments were the last to leave the long, narrow hallways, small, drafty rooms and creaky, wooden floors.

Pharmacology head named



Kim

Dr. Hyun Dju Kim, professor of pharmacology and physiology at the University of Alabama-Birmingham, has been named professor and chairman of the pharmacology department.

Kim earned an AB degree in chemistry in 1962 and a PhD degree in physiology in 1968 from Duke University in Durham, N.C. After a postdoctoral fellowship in physiology at the University of California at Los Angeles, Kim taught at the University of Arizona in Tucson and at Duke University.

Membrane transport and metabolism in red blood cells and reticulocyte maturation and red cell aging phenomena are among Kim's research interests. He held a National Institutes of Health Research Career Development Award from 1977 to 1982, and currently is studying membrane-limited metabolism in mammalian red cells on an NIH grant funded through 1985.

Doctors recognized for professional service

The 26th citation of merit in medicine was awarded to Dr. Donlin M. Long, MD '59, professor and chairman of neurological surgery at Johns Hopkins Medical School and chief neurosurgeon at Johns Hopkins Hospital in Baltimore.

The second annual Young Physician awards were presented to Dr. Ann Johanson, MD '62, and Dr. John B. McCraw, AB '62, MD '66. Johanson is professor of pediatrics at the University of Virginia Medical Center in Charlottesville. McCraw is professor of plastic surgery at Eastern Virginia Medical Authority in Norfolk.

Special service awards were given to Drs. Norman D. Asel, MD '41, and Thomas E. Ferrell Jr., Arts '28. Asel was professor and chief of dermatology at UMC for more than 12 years. He retired from private practice in Columbia in 1982. Ferrell, a retired Springfield, Mo., surgeon, has served on the board of directors of the Medical School Foundation.

Honorary memberships in the Medical Alumni Organization were given to Dr. John Patton, former acting UMC chief of surgery of St. Louis, and Dr. Hubert A. Ritter, a practicing obstetrician/gynecologist in St. Louis.

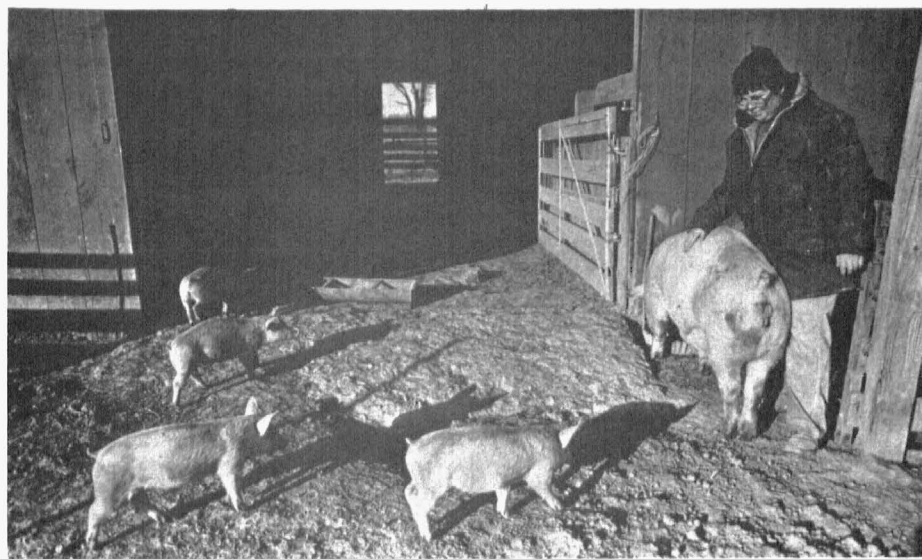
Program aims to reduce abuse in military families

In a unique pilot program at Fort Leonard Wood, Mo., the U.S. Army and the School of Medicine are making a major effort to reduce child and spouse abuse and neglect.

For many young military families, assignment to a remote post, such as Fort Leonard Wood, means cutting ties to neighbors, family and friends. The ensuing isolation may increase the risk of abuse or neglect, says Dr. Eleanor Shaheen, professor and associate chair of the child health department.

The Family Health Resources Program is funded by Army Community Services. The School of Medicine provides training and supervision for volunteers, directs the professional staff and is compiling a manual for use in other similar programs.

But the volunteers are the heart of the program, Shaheen says. Mature women, experienced in



Delores Husted's nursing skills come in handy when a sow delivers. Gary Allen/Columbia Missourian

NURSING

Dual lifestyle: nurse by day, farmer by night

Delores Husted, instructor of nursing, says pig farming is just another business.

The 41-year-old has wanted to own her own farm for a long time, and two years ago, her dream came true.

"I'm not really all that different from most of my neighbors," Husted says. "It's just that I struck out on my own, without a husband."

Though she doesn't have a spouse, Husted does rely on her two sons and her mother, who takes care of the house.

"Not having to do housework is a tremendous help," Husted says. "While other women come home from full-time jobs and do housework, I am able to come home and do farm work."

The 25-acre farm is not yet showing a profit, but does provide most of the family's food.

child-rearing and communications skills, serve as role models for new mothers and links to the community.

"It makes sense to teach important skills like understanding a child's needs and communicating," Shaheen says. "In other words, how to enjoy family life despite

They raise almost all of their own fruits and vegetables, butcher their own pork, catch fish from a stream that runs through the farm, and raise their own turkeys, rabbits and chicken.

Husted says farm life has taught sons Cory, 8, and Kyle, 7, about mechanics, carpentry and plumbing.

"It's a great place for kids to grow up," she says. "You never know what you might be doing next. Where else can they learn about responsibility, freedom, life and death?"

Husted's own experiences as a child on a Nebraska farm taught her to care for animals; her nursing skills come in handy when a sow has babies.

"When a sow is having babies, she can get pretty pooped," Husted says. "I inject her with a medication that increases the contractions of her uterus and it eases her work."

Though Husted's dual lifestyle requires late nights and early mornings, she's happy. She loves her farming and she loves her nursing.

"I don't see why I can't do both," Husted says. "Besides, I have to work to support my farm habit."

living in an isolated area."

When families served by the program are transferred, officials at their new post will be notified of the families' special needs through a tracking service that is being created as part of the program. "The Army realizes that any soldier who is concerned about his family life cannot function effectively," Shaheen says. "We hope to provide the support that every family needs."

Nursing symposium examines recent court ruling

A judge in the St. Louis County Circuit Court has ruled that a number of services routinely performed by Missouri nurses can only be done by licensed physicians.

A recent nursing school symposium examining this ruling drew an audience of more than 200 people, the largest group ever hosted by the School.

The turnout reflects the concern the court decision has aroused, and Mary Margaret Bayer, vice provost of extension and nursing instructor, was happy to see this display of concern.

Bayer explains that the University nursing program stresses nursing as a profession, and trains their students with the idea of independent functions.

"The ruling, if it stands, would change that concept, because it says nurses can't function independently at all," Bayer says.

"What's at stake here is the ability of a physician to give nurses a standing order," says Mike Sanford, Columbia city health department director.

Sanford explains that if the ruling stands, and is broadly construed, nurses would no longer be allowed to administer medicine, provide immunizations, or make examinations for venereal disease or pregnancy unless they were under the direct and immediate supervision of a physician.

The necessity of having a licensed physician present would greatly increase health-care costs, he adds.

Sanford sees the situation as more of a problem between a few physicians and a few nurses, rather than a clash between the two professions.

Bayer points out that if the ruling stands, it will affect the entire nursing profession in Missouri, from acute care nurses to county health departments.

"The symposium was a success from the standpoint that it allowed people to come forward and express their views, either in favor or opposition to the ruling," says Bayer.

Bayer was pleased to see evaluation comments, indicating many people intend to return to their homes and generate activities supporting the appeal of the ruling.

The Missouri Supreme Court will rule on the appeal of the lower court decision.

PUBLIC AND COMMUNITY SERVICES

Dean passes evaluation

Dean George F. Nickolaus will continue as dean, according to Provost Ronald Bunn.

UMC deans are evaluated every five years. They complete a self-assessment evaluation, faculty and alumni rate them and the provost surveys the results.

Nickolaus has been with the University since 1966 and served as interim dean from January 1977 until his appointment as dean in July 1977.

Fellowship winner graduates

The first winner of a \$5,000 graduate fellowship from the Boatmen's National Bank of St. Louis has completed graduate studies in community development at Mizzou.

Pamela Bosley, 26, was awarded a master's degree in December.

The fellowship assists in the education of an inner city resident who will return to work in St. Louis neighborhoods.

Bosley hopes to open a development agency in north St. Louis to help stabilize those neighborhoods for families.

The community development department trains graduate students to assist communities in making decisions and policies. The program is both nationally and internationally recognized as one of the first of its type in the world.

Lackey elected to board

Dr. Alvin S. Lackey, professor and chairman of community development, has been elected to the board of directors of the Community Development Society.

CDS is a worldwide professional organization of about 600 individual and 200 institutional members. Committees within the group establish policy for the profession.

Lackey will serve as the board liaison for the education committee. He also will retain his position as book review editor for *The Journal of the Community Development Society*.

SOCIAL WORK

Boettcher heads for Ohio



Dr. Richard Boettcher, director of the School of Social Work, recently announced that he has accepted a position as dean of social work at The Ohio State University.

Boettcher

During Boettcher's tenure at UMC since 1977, the School successfully achieved reaccreditation and status as a recognized professional program. The School's alumni organization also earned a seat on the Alumni Association board.

Boettcher helped establish several graduate concentrations, part-time programs in Kansas City and Columbia, and the Consortium of Social Work Education programs.

At Ohio State, Boettcher will be responsible for an independent college of social work with several departments, and will administer a doctoral program. A search committee to recruit Boettcher's replacement is being formed.

Concentration prepares social service managers

Social work's planning and administration curriculum has celebrated its first birthday.

The concentration, which began in January 1982, is designed to prepare students for management roles in social service agencies.

According to Paul Sundet, associate professor of social work, the number of agencies requesting students in this field has exceeded students available for placement.

Placement opportunities will continue to grow as more agencies become aware of the program, Sundet says.

Status offense laws improve juvenile justice

Juveniles in Missouri can be arrested for certain offenses that adults can't, and the youngsters may be better off for it.

In 1975, the Missouri State Juvenile Justice Board adopted the Juvenile Justice Delinquency and Prevention Act, which outlines the offenses that are illegal only when

committed by a minor.

Paul Sundet, associate professor of social work, former juvenile officer and chairman of the board, says the status offense laws are an extension of parental authority. Punishable offenses include smoking, truancy, consuming alcohol, breaking local curfew laws and running away from home.

The act helps parents protect their children because it prevents minors from automatically being labeled criminals. The court process is often eliminated, and a juvenile officer works closely with the minor and his parents. The officer can offer alternative treatments such as counseling or temporary placement in a relative's foster home.

The act also requires that status offenders and adult criminals be separated in jails, and keeps status offenders from being placed in state correction homes for offenses such as running away.

Sundet says the act is an improvement for the system, since more than 87 percent of the children who have come in contact with the juvenile court aren't repeat offenders.

But there's no way of knowing whether the act was responsible for the apparent rehabilitation of the juveniles or whether some other factor was responsible.

Gathering uniform statistics in Missouri is difficult, Sundet says. Each court has its own definitions for each crime, and statistics are reported voluntarily.

"Right now," Sundet says, "we have a hard time telling how many kids have even appeared in juvenile court."

VETERINARY MEDICINE

Jensen listed in *Who's Who*

Dr. Harlan E. Jensen, PhD '71, has been named to the 1982 edition of *Who's Who in the World*.

The veterinarian retired from the University in 1980 as professor emeritus of veterinary medicine. Dr. Louis A. Corwin, interim chairman of veterinary medicine and surgery, notes that Jensen, who was interested in animal eye disorders, developed both a national and international reputation as a veterinary surgeon.

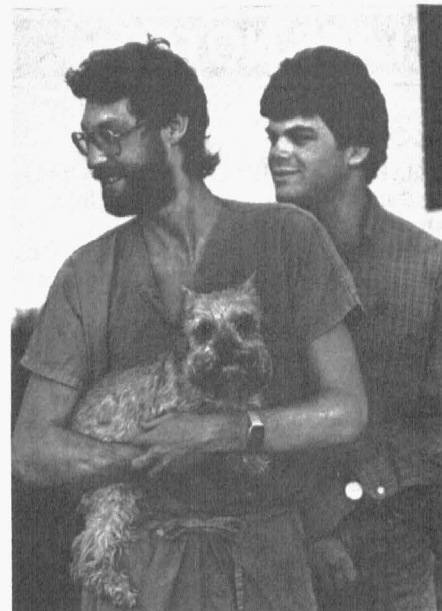
Pacemaker perks up Pepper's sluggish heart

At 8 years old, Pepper, a miniature schnauzer, was a victim of sick sinus syndrome, an ailment that caused her heart to beat too slowly. Exertion made her pass out.

Pepper's heart rate had fallen to 60 beats per minute, about half the normal rate for a dog her size. The only answer to the dog's dilemma was a pediatric pacemaker.

The pacemaker was implanted during a 20-minute operation in March. A team from the veterinary hospital's medicine, surgery, radiology and anesthesiology departments cooperated in the surgery.

Pacemakers have been placed in humans since the late 1950s, but the procedure for dogs became routine only about five years ago. It is an affordable option with great chance of success for dogs who are good candidates for the surgery, says Dr. Allen Hahn, professor of veterinary medicine and surgery. The pacemaker's battery should last five years, at which time it can be replaced in a 10-minute surgical procedure.



Charlie Leight/Columbia Daily Tribune

Dr. Alex Walker, left, and Bob Burns, a senior veterinary medicine student, helped implant Pepper's pacemaker.

Hahn says Pepper's prognosis is very good. She recuperated for several days in intensive care and then went home to her St. Louis owners Josephine and Gus Lodholz with a steady heartbeat of 102 beats per minute.

Pepper should be able to live a life as a happy, functional pet, says Hahn. The pacemaker has given Pepper a new leash on life.

VMA names Boever Veterinarian of the Year



Dr. William J. Boever, an adjunct assistant professor of veterinary pathology, has been named 1983 Veterinarian of the Year by the Veterinary Medical Association.

Boever,

BS Ag '66, DVM '70, is senior staff veterinarian at the St. Louis Zoo. He also serves as vice president of the Veterinary Medicine Alumni Association.

Program rehabilitates injured birds of prey

Not many people, including veterinarians, know what to do with an injured hawk or owl, says Dr. John Robertson, instructor of veterinary medicine and surgery.

But a raptor rehabilitation program co-sponsored by the School of Veterinary Medicine, the

Missouri Fish and Wildlife Department and private donors has been educating prospective veterinarians in this area of animal care for 10 years.

The program's focus is on care of birds of prey that have been found injured or sick. The goal is to return the raptors to their natural habitats once they've recuperated.

The recuperation period includes a reconditioning of their natural instincts, such as hunting and killing skills, Robertson says.

Some birds never recover enough to make it back to the wild, however. These birds are given to zoos, kept for research or sent to other rehabilitation centers.

Although veterinarians will deal infrequently with these birds and get little pay for the effort, Robertson sees a greater reward.

"By demonstrating and teaching vet students how to deal with these type of birds, they can benefit the world, keeping nature in balance, by returning them to the wild."

CLASS NOTES

'23

MARION HUMFELD, AB, MA '42, of Baltimore, has written eight short essays titled "An Ozarks Diary," which were published in the Nov. 28 *Star*, the Sunday magazine of the *Kansas City Star*. Her painting of the interior of old Jesse auditorium recently was presented to the University's Museum of Art and Archaeology.

'31

RALPH W. PHILLIPS, MA, PhD '34, retired in 1981 as deputy director general of the Food and Agriculture Organization of the United Nations. Phillips, who lives in Arlington, Va., is listed in the 1982-83 editions of *Who's Who in America* and *Who's Who in the World*.

'32

EMANUEL "Manny" SPACK, BJ, of Kansas City, celebrated 50 years as an agent for the New York Life Insurance Co. on Feb. 6.

'36

SAM SEMPLE, JD, of Moberly, Mo., recently retired after 27 years as judicial circuit judge for Randolph and Howard counties.

'38

JOHN CAVE, AB, of Fulton, Mo., retired Dec. 31 after 18 years as a circuit court judge.

VIRGINIA GARTON Young, Journ, Arts, received an honorary doctorate of humane letters from UMC in August.

Young, a Columbia resident, is an internationally known lecturer and author on library development and trusteeship, and a 1972 recipient of a UMC Faculty Alumni Award.

'39

WILLIAM M. KIMBERLIN, JD, of Harrisonville, Mo., retired Dec. 31 as Johnson County circuit court judge. He had spent almost 29 years on the bench.

LAMBERT STAMMERJOHN, BS EE, MS '40, retired in 1982 as head of the integrated memory systems department at Bell Laboratories in Allentown, Pa. He had been with the company for 42 years.

BEN H. WEIL, BS ChE, of Warren, N.J., retired in September from Exxon Research and Engineering Co. where he had been a senior staff adviser.

'40

NELSON H. THUESEN, BS BA, retired in August after 42 years as an executive with PPG Industries in Pittsburgh. He now lives in Naples, Fla.

'46

H. BAKER GARRISON, BS CE, of Corpus Christi, Texas, retired Nov. 30 from Du Pont. Garrison, who was a construction project manager, had spent 30 years in the company's engineering department, primarily in construction division.

'47

DONALD T. McPHEE, BS CE, has been elected senior vice president of system power operations for the Kansas City Power and Light Co.

CHARLES B. RIDGWAY, BJ, of Maitland, Fla., has been

named publicity director for Walt Disney World. He had served as publicity manager since 1969.

'48

RAY BUTCHER, BS ME, recently was named an executive partner of Black and Veatch in Kansas City. Butcher, power division engineering manager, has been with the firm for 33 years and was named a partner in 1964.

JIM HEITMEYER, BS Agr, MS '62, retired Dec. 31 from the Missouri Cooperative Extension Service after 34 years as an area livestock specialist. Heitmeyer of Carrollton, Mo., is a UMC Alumni Association district director.

RALPH E. JONES, BS Agr, of Concord, Calif., recently retired after 29 years as an education adviser with the Agency for International Development. While at Mizzou from 1946-48, he was manager for Sparky Stalcup and the varsity basketball squads.

VIRGIL E. TIPTON JR., BJ, retired Dec. 31 after 22 years of service with the Illinois State Bar Association in Springfield. He was director of publications and editor of the *Illinois Bar Journal*. In his honor, the association has established the Virgil E. Tipton Jr. Publications Award.

'49

JOHN A. APPELQUIST, JD, of Springfield, Mo., has been appointed circuit judge of Division 2, Judicial Circuit 31.

JACK PETTIT, JD, executive vice president of Shelter Insurance Co. in Columbia, has been elected to the company's board of directors.

'50

WILLIAM M. COOPER, BS Agr, has become vice president of sales for Phillips Roxane Inc. Cooper, who lives in St. Joseph, Mo., had

News About Alumni

been a regional sales manager for American Cyanamid Co.

LARRY JINKS, BJ, former vice president with Knight-Ridder Newspapers Inc. in Miami, has been promoted to senior vice president/news.

JAMES A. MCKINNEY, BS BA, recently joined Centerre Bank of Columbia as vice president and assistant senior lending officer.

BILL NUNN, BJ, of Jefferson City has returned to *Missouri Life* magazine as its editor. Nunn founded the publication in 1973 and was its editor and publisher until 1977.

'51

WENDELL L. HOLMES, BS Agr, has been appointed regional vice president for the Travelers Insurance Cos. of Hartford, Conn. Holmes' office is in Chicago.

'53

DON EFFREIN, BS BA, became president and chief executive officer of Ozarks Federal Savings and Loan in November. Effrein joined the Farmington, Mo., business in 1973 and was named director in 1981.

C. BRUCE NORMILE, AB, JD '55, second judicial court judge of northeast Missouri, has been elected chairman of the board of trustees of the Kirksville College of Osteopathic Medicine.

ALBERT H. RENNE, BS CE, has been appointed assistant chief engineer of administration for Santa Fe Railway at Chicago.

'54

DAVID W. LEWIS, BS BA, has been elected board chairman and chief executive officer of United Missouri Bank of St. Joseph.

ROBERT J. McCLOUD, BS CE, has been named an executive partner and head of the civil-environmental division with Black and Veatch in Kansas City.

'55

CHARLES N. HUGHES, BS EE, of Milford, Mich., has been promoted to assistant chief engineer in charge of the product assurance group for General Motor's Chevrolet division in Warren, Mich.

Panitt awarded Poor Richard medal



Merrill Panitt, Journ, Arts '38, recently received the Poor Richard Club's 1983 Gold Medal award from retiring president Loretta Bove Smith. Mrs. Panitt, center, holds the medal. The club is the world's oldest for communicators and includes sellers, buyers or users of advertising, and public relations personnel.

The award, presented annually since 1937, is given to people of national renown who exemplify the multi-faceted talents of Ben Franklin. Panitt is editorial director of Triangle Publications Inc. in Radnor, Pa., and a member of the Alumni Association's communications committee.--Sue Richardson

'56

HAROLD H. BURNINE, BS Ed, has been appointed assistant director at the Veterans Administration Medical Center in Houston.

WILLIAM L. WILT, BS BA, is retired after 23 years of owning and operating an accounting practice in Brookfield, Mo.

'57

In December, JOHN C. CROW, AB, JD '59, a Greene County, Mo., circuit judge, was appointed to the Missouri Court of Appeals, Southern District.

United Technologies of Hartford, Conn., recently named MAX J. KNAPP, BS BA, vice president of finance in its electronics sector.

'58

WILLIAM H. GONDRING, AB, received the Midland Empire Arthritis Center Ruth Warrick Humanitarian Award in October for outstanding and dedicated service in the field of arthritis. Gondring, an orthopedic surgeon with St. Joseph (Mo.) Orthopedic Associates Inc., also received the center's past president award.

Wilson Foods Corp. of Oklahoma City elected JOHN T. HANES, BS Agr, senior vice president of fresh pork and lamb. Hanes joined the company in 1961 and was named vice president of processed products in 1980.

ELSWORTH HARTZELL, M Ed, is superintendent of the Fair Play, Mo., R-2 schools.

WILLIAM K RAY, M Ed, EdD '72, of Columbia, former assistant executive secretary of the Missouri State Teachers Association,

has been named president of the Missouri Association of Community and Junior Colleges.

'59

LEROY BOECKELMAN, BS Agr, of Quincy, Ill., has been awarded the certified life underwriters designation by the American College at Bryn Mawr, Pa.

DON L. HENRY, BS BA, former vice president of business affairs at Stephens College, now is vice president for administrative and fiscal affairs at Stephen F. Austin State University in Nacogdoches, Texas.

'60

J.P. CARMAN, BS Agr, owner and manager of Carman Chemicals Inc. in Paris, Mo., recently was promoted to a colonel in the U.S. Marine Corps Reserve. He is the commanding officer of the Marine Corps' Mobilization Training Unit in St. Louis.

'61

THOMAS E. BLAKE, BS ChE, was promoted from director to principal associate at the Chicago Firm of Technomic Consultants.

JIM THOMPSON, M Ed, EdD '67, of Columbia has been named Garst Seed Co.'s district sales manager for south central Missouri.

'62

JOSEPH F. DOUGLAS, MS, recently was elected vice chairman of Region 2 of the Institute of Electrical and Electronics Engineers Inc. Douglas is an associate professor of engineering design technology at The Pennsylvania State University in Middletown.

CHARLES HASSER, BJ, MA '66, has been elected a senior vice president of the New York City advertising agency of Batten, Barton, Durstine and Osborn Inc.

RICHARD LEE REIMER, AB, is the administrative director of medical education at St. Francis Regional Medical Center in Wichita, Kan. Formerly, he was coordinator of continuing medical education at the University of Nebraska in Omaha. Reimer organized and served as first president of UMC's Washington state alumni organization.

'63

J. RONALD BOPP, AB, MD '67, an obstetrician-gynecologist in

Holifield strikes hard-to-get oil

Most oilmen had written off the limestone formation, known as the Austin chalk, as too unpredictable and costly. All but one of the many wells drilled there dried up for no apparent reason. Then Ray Holifield, BS Ed '59, MA '64, hit the jackpot.

"I had been a peon geologist with Texaco and other places. I was a log analyst for two years. I got some experience in the Middle East. I worked offshore and was almost a geophysicist," says Holifield, who parlayed the knowledge gained in these jobs into a better way to interpret seismic maps and well logs of the Austin chalk.

Holifield figured the City of Giddings No. 1, the only successful well in the five-county Texas oilfield, had hit a fault system, rich in honey-colored oil. The dry wells missed the intricate network of crevices, Holifield believed.

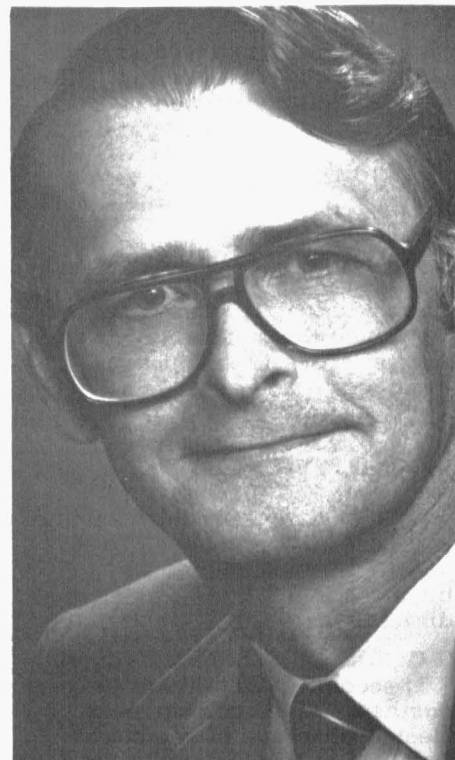
After about six months of studying geological information on the area, Holifield was ready to tap the fault.

His clients raised enough money to drill several thousand feet. "Whether or not I really hit the same fault, I don't know." The oil was there and a boom was on the way.

It's been estimated that the Austin chalk may contain billions

of barrels of oil. The 90-mile by 10-mile Giddings field is studded with about 2,000 producing wells and Holifield was involved with more than a third of them.

Holifield has an impressive record. Some 98 percent of the sites he located were commercially productive.



Joplin, Mo., recently was named chief of staff at Freeman Hospital.

In November, BARRY CONNELLY, BJ, senior vice president with the Association of Credit Bureaus in Houston, was elected to the Texas state House of Representatives. He represents the 126th District, northwest Harris County.

JACK B. HART, BS ME, MS '65, PhD '71, is a senior engineer in the equipment development division at RCA in Indianapolis.

Lt. Col. GERALD T. KALT, AB, of Oceanside, Calif., retired from the U.S. Marine Corps and now works in real estate in southern California.

HAROLD A. KYSER, JD, has reopened his law practice in Butler, Mo., after serving nine years as the 27th judicial circuit judge for Bates County.

A. LOUISE LEE Hart, BS Nur, completed a master's degree in nursing at Indiana University in Indianapolis and is working toward a doctorate degree there.

MARTICIA MOORE Madory, BJ, has been appointed director of marketing for the National CPA Group in New York City. She is president of Madory and Associates, a public relations and communications services firm in Poughkeepsie, N.Y.

'64

MICHAEL RUBY, BJ, recently was promoted from managing editor to assistant managing editor of *Newsweek International*.

DENIS L. SHORTAL, BS Agr, a U.S. Marine Corps Reserve lieutenant colonel, recently became commanding officer of Volunteer Marine Ground Reserve-234. Shortal, who lives in St. Charles, Ill., is an Eastern Airlines pilot.

JUAN J. WALTE, BJ, a former reporter with United Press International, has joined *USA Today* as a foreign affairs correspondent.

AL WILEY, BS BA, is president and chief executive officer of First National Bank of Carrollton, Mo.

DAVID L. WILLIAMS, BS Agr, has been promoted to purchasing manager with Fred's Frozen Foods Inc. in Noblesville, Ind.

'65

WILLIAM J. FULLER, BS PA, is employed with Taft Corp. as a business manager for its Columbus television and radio stations, WTVN and WLVQ. Formerly, he was a business manager for WBRC-TV in Birmingham, Ala.

Landscape Planning, a book written by WILLIAM MARSH, MA, was published by Addison-Wesley in March. Marsh is chairman and associate professor of physical geography at The University of Michigan in Flint.

'66

DAVID ELMORE, BJ, is a sales manager for WBAL-TV in Baltimore.

RICHARD D. MOORE, AB, JD '69, recently was awarded a certificate as a civil trial specialist by the National Board of Trial Advocacy. Moore is an attorney in West Plains, Mo.

'67

ROY HAGER, BS BA, region controller with Weyerhaeuser Co. in Atlanta, is enrolled in the executive MBA program at Georgia State University.

GEORGE L. LEISHER JR., BS BA, is listed in the current edition of *Who's Who in the World*. Leisher is director and corporate vice president of personnel and industrial relations at KV Pharmaceutical Co. in St. Louis.

RICHARD NIEMIEC, MA, has been elected vice president of the underwriting statistics and membership division of Blue Cross and Blue Shield of Minnesota. Formerly, Niemiec was manager of that division's actuarial research and systems development department.

JOHN C. ROSE JR., BS BA, is vice president of Taft Broadcasting Co. and general manager of WDCA-TV in Bethesda, Md.

JAMES I. SPAINHOWER, MA, PhD '71, former Missouri state treasurer, was appointed president of Lindenwood Colleges in St. Charles, Mo.

The Kansas City Star's "Starbeams" column, written by WILLIAM D. TAMMEUS, BJ, now can be read by subscribers of CompuServe Information Services as part of "The National Satirist." CompuServe, an H&R Block Co., is one of several national firms that, via telephone hookups, provide computer owners with news and information on their terminal screens.

RONALD G. WASSON, BS EE, MS '73, of Blue Springs, Mo.,



Stammerjohn '39



Butcher '48



Holmes '51



McCloud '54



Gondring '58



Douglas '62

has been elected vice president of purchasing for the Kansas City Power and Light Co. Formerly, he was manager of fossil fuels.

SUZANNE WHITE Yeager, BJ, MA '71, has been named director of information services for Toledo (Ohio) Public Schools. The free-lance writer formerly published and edited *Connections*, a monthly newspaper for women.

NORMA WORTHINGTON Caldwell, BS HE, and her husband, Richard, of Houston, announce the birth of a son, Marc Christopher, Dec. 9.

'68

DAVID P. AINSWORTH, BS CE, has been named a sales consultant with Butler Construction of Kansas City, a subsidiary of Butler Manufacturing Co.

LAWRENCE DANKS, MBA, of Medford, N.J., has written a book, *Passing the Real Estate Sales Person's Examination*, which is being distributed through Prentice-Hall. He is a member of the business faculty at Stockton State College and director of Danks Real Estate School.

CECIL M. PHILLIPS, AB, is a partner in the Atlanta law firm of Alston and Bird.

ROYLE J. VAGLE, M Ed, recently was named manager of EDCO Information Systems, a micrographic services and word processing equipment firm in Springfield, Mo.

'69

STEPHEN G. CRONIN, BS Agr, of Hutchinson, Minn., has been elected president of the Minnesota Plant Food and Chemical Association. He is an account representative for PPG Industries.

HARRY L. KLUG, BS BA, is vice president-controller of the Tappan Co. in Mansfield, Ohio.

MARY ROHAN STRACK, BS BA, has been appointed director of marketing for the Executive Development Center at the University of Illinois in Urbana-Champaign.

KATHY SUE ROWLAND, BS Ed, received a nursing degree in November from the Barnes School of Nursing in St. Louis.

RAY SEIDELMAN JR., BS CE, former director of sanitary engineering in Kearney, Neb., has been appointed assistant superintendent of water production for Lafayette, La.

'70

RICHARD M. GOZIA, BS BA, of Richardson, Texas, has been elected vice president for finance and chief financial officer of Harte-Hanks Communications Inc. For the past four years, Gozia was employed with Campbell Taggart Inc., a wholesale baker.

CHARLES W. HANOR, BS ME, has become a partner in the San Antonio, Texas, law firm of Cox and Smith Inc. He is a patent attorney in the litigation section.

MARGARET MAESSEN Blake, BJ, and her husband, Timothy, of Coral Gables, Fla., announce the adoption of a daughter, Margaret Caroline. Blake is president-elect of the Junior League of Miami Inc.

'71

In Houston, JOANNE DAVID Herrera, BJ, works as a senior employment representative with the Reed Rock Bit Co. Her husband, CHARLES HERRERA, BS Agr, BJ, is a senior account executive with W.B. Doner and Company/Southwest.

GARY E. GRIES, BS Agr, MS '72, former product manager with ICI Americas of Wilmington, Del., has been promoted to marketing research manager.

Maj. REBECCA KIDWELL Huber,

BS Nur, is the head nurse on the orthopedic ward at Fort Polk (La.) Hospital. Huber is with the U.S. Army Nurse Corps.

NORA SANTELLA Simpson, BJ, received a bronze quill award in the newsletter category of the 1982 competition sponsored by the Kansas City chapter of the International Association of Business Communicators. Simpson is editor and public relations associate at Western Electric in Lee's Summit, Mo.

GENE C. WUNDER, MBA, an assistant professor of marketing at Ball State University in Muncie, Ind., is listed in *Who's Who in the Midwest* and *Who's Who in Finance and Industry*.

'72

BARRY BASS, AB, MD '77, recently began practicing medicine in Salem, Mo.

FRANK HOLDMEYER, BS Agr, has been promoted to managing editor of *Wallaces Farmer* in Des Moines, Iowa. He joined the publication as field editor in 1972.

JOHN S. JOHNSON, AB, former assistant manager of marketing with the Missouri Division of Community and Economic Development in Jefferson City, has been selected economic development director for Jefferson County.

GREGORY KUNESH, PhD, director of the University of Oklahoma School of Drama at Norman, has been elected president of the Southwest Theater Conference.

RICHARD JAY MILLER, BS Agr, BS AgE, formerly an agricultural engineer with Cuckler Buildings Systems in Monticello, Iowa, is an engineering manager with Hastco Engineering and Construction in Emporia, Kan. His wife, the former MARSHA HAYSLETT, BS Ed, is employed as a resource teacher with the Flint Hills Special Education Cooperative of Emporia.

SUSAN B. NICHOLS, BS Ed, MD '76, is in group practice in obstetrics and gynecology in Concord, N.C.

FRANK C. VOTAW, BS CE, an engineer with Stone and Webster Engineering Corp. in Houston, and his wife, Andrea, operate Spectrum Design Group, an interior design and signage firm.

Capt. CHARLES H. WELLS, BS Ed, M Ed '73, has been assigned to the U.S. Air Force Academy in Colorado Springs as a member of the history faculty. Formerly, he was a combat crew training instructor navigator in the KC-135, a strategic tanker aircraft at Castle Air Force Base, Calif.

'73

ANNE BARNTHOUSE Baber, MA, former associate editor of the *Missouri Alumnus* magazine, has been promoted from manager to director of information and publications at United Telecommunications Inc. of Kansas City. Recently, she received the accredited business communicator designation from the International Association of Business Communicators.

JULIA DELCOUR, BJ, received

Missouri Alumnus surveys indicate the News About Alumni section is a popular part of a well-read magazine.

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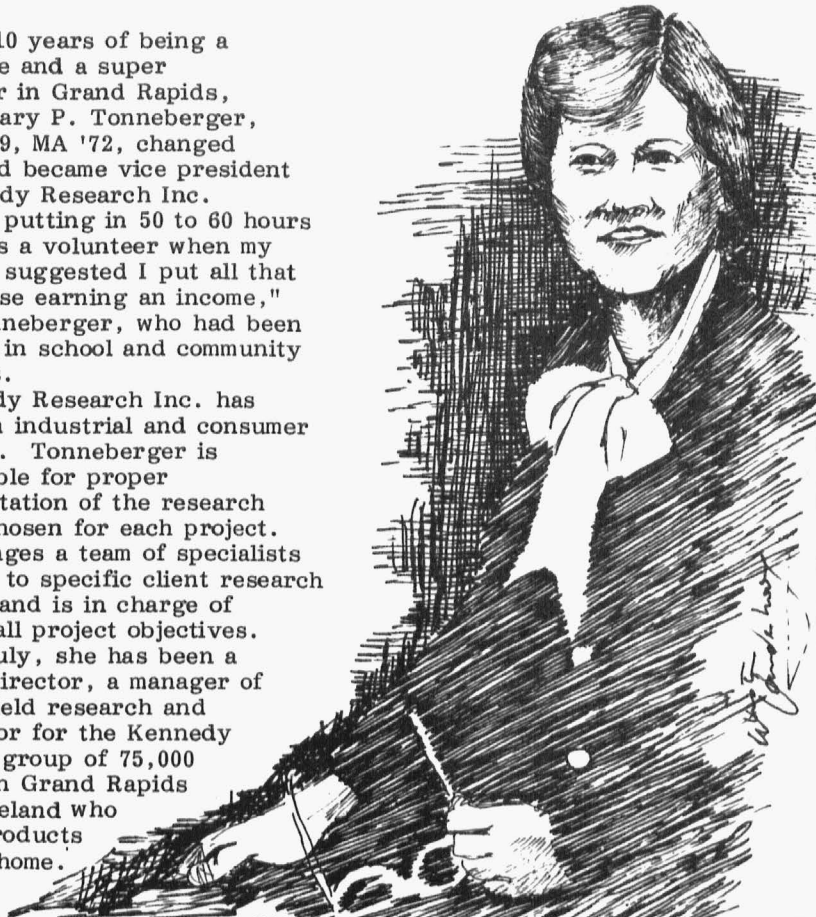
Tonneberger succeeds in research

After 10 years of being a housewife and a super volunteer in Grand Rapids, Mich., Mary P. Tonneberger, BS Ed '59, MA '72, changed gears and became vice president of Kennedy Research Inc.

"I was putting in 50 to 60 hours a week as a volunteer when my husband suggested I put all that time to use earning an income," says Tonneberger, who had been involved in school and community activities.

Kennedy Research Inc. has clients in industrial and consumer research. Tonneberger is responsible for proper implementation of the research design chosen for each project. She manages a team of specialists assigned to specific client research projects and is in charge of meeting all project objectives.

Previously, she has been a project director, a manager of special field research and supervisor for the Kennedy Panel, a group of 75,000 families in Grand Rapids and Cleveland who tested products in their home.



a liberty bell award from the Oklahoma Bar Association for contributions to the administration of justice and service to the association. She is an assignment reporter for the *Tulsa World*.

PATRICK J. FARRELL, AB, has accepted a position as management training center director with Rax Systems Inc. in Columbus.

PAUL GEBHARD, MA, was promoted from district geologist to regional manager with Cabot Oil and Gas Corp. of Charleston, W. Va.

MARJORIE GLASS Pinkerton, MA, has been named director of Dulany Library at William Woods College in Fulton, Mo.

BELINDA McCULLY, BS Ed, M Ed '75, PhD '82, recently became an assistant professor of education in the curriculum, instruction and media department at Southern Illinois University in Carbondale.

RUSSELL F. METCALF, BS BA, was selected for the Honeywell Aerospace and Defense Group's top performer award. Metcalf is a senior marketing representative at ADG's San Bernardino, Calif., office.

JAMES H. O'BRIEN, BS ChE, MS '74, and his wife, the former R. KELLY WRAY, BJ '71, MA '72, announce the birth of a son, Nicholas James, Aug. 15. She is chief executive officer of Comcraft Services, an advertising and public relations agency in Chicago, and O'Brien is a senior environmental engineer with ARCO.

DENNIS W. SCHAAF, BJ, has been named publisher of the *Ironton (Mo.) Mountain Echo*, and vice president of Echo-Press Inc. Previously, Schaaf had been associated with several Missouri newspapers.

LINDA VOIGTS, PhD, associate professor of English at UMKC, has been elected to the executive committee of the Modern Language Association's division on old English language and literature.

SANDRA WATTS Barks, BJ, of Hermann, Mo., has been named

editor of *School and Community*, a Missouri State Teachers Association publication.

JOSEPH A. WEBER, BS Agr, MA '75, and his wife, the former MARGARET PRICE, PhD '77, of Stillwater, Okla., announce the birth of a son, Travis Alan, June 25. The Webers are faculty members at Oklahoma State University.

'74

DINAH BEAR, BJ, has been appointed general counsel of the Council on Environmental Quality in Washington.

CHARLES EDWARDS, BS PT, a physical therapist, opened his own practice in St. Joseph, Mo., in December.

PATRICK T. FISH, AB, JD '81, has been named house legal counsel for Great Southern Savings and Loan Association in Springfield, Mo.

DAVIS MINTON, BS Agr, of Dexter, Mo., received a 1982 Jaycee Outstanding Young Farmer award.

GERRA WILLOUGHBY, BS Ed, was appointed to the nutrition education staff of the Southwest Missouri Division Dairy Council in Springfield, Mo.

'75

E. ALLEN FOGEDING, BS Agr, MS '78, recently joined the food science department at North Carolina State University in Raleigh as an assistant professor.

JULIE H'DOUBLER Thomas, BS Nur, of Highland, Mo., is a community health nurse at the Christian County Health Department in Ozark, Mo. She and her husband, Brad, announce the birth of a daughter, Becky Ann, Oct. 17. He is self-employed.

CHRISTOPHER J. HAWF, BS Ed, M Ed '77, is an associate director of development at Woodhaven Learning Center in Columbia.

VICTOR B. PETERS, BS Ed, JD '78, formerly associated with the Platte City, Mo., law firm of Witt and Boggs, has become an assistant prosecuting attorney for Platte County.



Hall named J-teacher of the year

Homer L. Hall, BS Ed '60, journalism teacher and publications adviser at Kirkwood (Mo.) High School, was named 1982 National High School Journalism Teacher of the Year by the Dow Jones Newspaper Fund.

With his emphasis on teamwork, staff morale and personal development equaling his emphasis on good journalism, Hall has guided hundreds of students toward rewarding work on publication staffs. Many professional journalists remember Hall as the person who gave them the inspiration and guidance they needed to pursue their career.

One year after he began teaching, he received a Newspaper Fund Fellowship to attend a University of Minnesota seminar for advisers in 1965, his first journalism course.

He left junior high teaching in 1968 to take a school newspaper advising position at Shawnee Mission (Kan.) East High School. The newspaper received its first All-American rating from the National Scholastic Press

Association.

Since then, All-American ratings have come regularly. *The Call*, the student newspaper at Kirkwood, has received 16 consecutive All-American ratings.

The yearbook, *The Pioneer*, is one of two school yearbooks in the nation to receive six consecutive All-American ratings.

In the nine years Hall has taught at Kirkwood High School, his students and publications have received 574 national, regional, state and local journalism awards.

But Hall does more than collect awards for his students and publications. He is a teacher of teachers.

The speaker and workshop leader at high school and college press associations across the country has written the popular text, *Junior High Journalism*, and writes for a variety of trade publications.

With all this, the 1982 Teacher of the Year still has time to be close to his students. Of course, that is the priority in Homer Hall's philosophy of education.

'76

JANET DEPPE, BS Ed, director of speech pathology-audiology at the Audrain City-County Health Unit in Mexico, Mo., was chosen the city's 1982 Outstanding Young Woman.

JOHN R. "Jay" GIULVEZAN, AB, has been named manager of the Dallas branch of Pitney Bowes Facsimile Communications Systems. Previously, he was with Exxon Office Systems.

'77

The Blue Springs, Mo., school district recently named DANA SUE COAD, BS Ed, M Ed '82, Outstanding Young Educator of the Year.

MARK W. HUFFHINES, BS BA, is a financial specialist with the Federal Highway Administration in Nashville, Tenn. He and his wife, Leslie, announce the birth of a daughter, Laura Elizabeth, July 10.

DAVID LOHMEYER, MD, a pediatrician at the Hannibal (Mo.) Clinic, recently became a fellow of the American Academy of Pediatrics.

PEGGY MATTHEWS Foegeding, BS Agr, recently joined the food science department at North Carolina State University in Raleigh as an assistant professor.

SANDY MEINERS Drusch, BJ, and her husband, Pete, announce the birth of a son, Nicholas Andrew, June 25. They live in Corinth, Texas.

THOMAS H. NULLMEYER, BS BA, MBA '78, has been promoted to terminal manager with Roadway Express at Paducah, Ky.

LOU ANN PFIEFER Gorsuch, BJ, recently was appointed director of public relations with *The Sporting News* in St. Louis.

SHARRON S. QUISENBERRY, MS, PhD '80, is an assistant professor of entomology at Louisiana State University.

MORLEY SWINGLE, AB, JD '80, formerly associated with the Cape Girardeau, Mo., law firm of Spradling and Spradling, has become an assistant prosecuting attorney for Cape County.

'78

RICHARD ATKINSON, MS, has joined the University of Missouri extension staff as a 4-H youth specialist for the HOST area. His office is in West Plains, Mo.

MICHAEL BEST, BS BA, former internal auditor with the Johnson County National Bank and Trust Co. in Prairie Village, Kan., has been promoted to trust officer.

PHILIP G. HERWIG JR., BS BA, has been promoted to assistant vice president for South Side National Bank of St. Louis.

CINDY JOHANNESMEYER Purcell, BS HE, is a sales representative for Kimberly-Clark Corp. in Atlanta.

DENNIS R. LEA, EdD, superintendent of the Fulton, Mo., public schools, was selected by the Kingdom of Callaway chapter of the American Business Women's Association as 1982 Boss of the Year.

TERRY L. MADDOX, BS EE, an electrical engineer with Illinois Power Co., was transferred to Philadelphia to develop an energy control system for electric power and natural gas.

'79

RENE ASTON Sheahan, BS HE, is employed at Helen Wolff Inc., a St. Louis specialty shop.

HENRY BRINKER, BS ChE, and his wife, the former DIANE MEYER, BS HE '80, of Manchester, Mo., announce the birth of a daughter, Megan Elizabeth Kristin, Oct. 31. He is employed with Monsanto Co. in St. Louis.

TIMOTHY JAMES HENDERSON, AB, recently passed the Texas bar examination and is employed with Pendergraft and Associates in Houston.

ALAN E. HUFFINE, BS BA, of Denver, has been promoted to branch manager with HBE Leasing, a St. Louis corporation.

KIRBY P. RUST, BS Agr, is employed with Elanco Products Co. of Indianapolis as an animal products sales representative. He works out of the Fort Dodge, Iowa, area.

LYNN SHAFFER, MD, practices family medicine in Branson, Mo.

ROB STAMER, MS, has been named management consultant services supervisor with the St. Louis accounting firm of Ernst and Whinney.

'80

DANNY GUTSHALL, BS Agr, M Ed '82, teaches vocational agriculture in Tonganoxie, Kan. Recently, he was honored by the U.S. Department of Agriculture for the high quality of education in the school's vocational agribusiness program.

JOB COLUMN

UMC Alumni Association members are invited to submit, for a one-time-only publication at no charge, their availability notices in 50 words or less. Names will not be published. PROSPECTIVE EMPLOYERS are requested to respond to the member number assigned to each. Your correspondence will be forwarded unopened to the proper individual. Address all correspondence to: Job Column, C/O Tom Schultz, 132 Alumni Center, Columbia, Mo. 65211.

#1

May 1983 graduate, BS BA marketing. Seeking entry-level marketing or management trainee position that will utilize background in business administration. Member of Phi Gamma Delta social fraternity, Alpha Kappa Psi business fraternity, Marketing Forum and Business Logistics Association. Significant work experience during college. Willing to relocate anywhere in United States.

#2

1974 BJ graduate seeking move to larger market. Eight years' reporting, editing, shooting and anchoring experience as sports director in small market. Willing to relocate.

#3

Mechanical engineer (PhD) with background in thermodynamics and energy sciences. Seeking small- to medium-sized organization with problems in energy technology and related areas. Multi-disciplinary skills in chemical kinetics, heat transfer, laser physics and thermodynamic cycle analysis valuable to growing firms with emerging technology problems.

#4

I have more than eight years of television sports reporting, editing, photography, producing and on-air work. Willing to work in all or one of these areas. Love sports; heavy on local sports coverage and also experienced in radio sports reporting and on-air work.

#5

Recent graduate with consumer journalism focus seeks work

in consumer-public relations for business or industry, or as a consumer writer for a newspaper or magazine. Also qualified as a personal finance counselor of over-extended families, and for extension and teaching. BS and MS degrees from UMC.

#6

J-School honors graduate with seven years' experience as reporter and copy editor for a Chicago daily, seeks news or public relations position with Chicago west suburban press, business, or educational institution. Applicant is intelligent and capable, with excellent job and community activity background. Full resume and references available.

#7

Publisher/communications director: top flight professional with 10 years' experience as owner/publisher of community newspaper seeks management level position on daily paper or with corporation in communications-public relations area. Finely tuned, versatile skills, top references. Now located in northwest, but willing to relocate.

#8

Journalism graduate currently working as a library assistant seeks a job in public relations, marketing or advertising. Let me help you with your research, writing, editing and layouts. My typing skills are good and I'm willing to start at the bottom. Prefer the St. Louis area.

#9

Journalism graduate available for publication staff position or public relations opportunity; also, free-lance copywriting of magazine articles, press releases, newsletters and promotional brochures. Will travel, but not relocate from Greater Kansas City.

#10

Journalism degree, seven years' experience in data processing/technical environments. Computer systems user's guides, product user's manuals, instructional documentation, training material, military specs, proposals, promo/recruiting material. Knowledge of publication production aspects and scheduling. Lead editor on numerous projects. Currently employed in Dallas. Single, will relocate with minimal expenses. Available now!

DALE J. McDERMOTT, BS BA, recently was named branch manager for the ITT Thorp office in Pekin, Ill.

'81

DAVID KORMANN, MPA, former assistant director for operations with the Missouri Department of Revenue, has been appointed director of the Division of Motor Vehicles and Driver Licensing in Jefferson City.

DOUGLAS K. NEWLAND, BS Agr, is assistant county supervisor for Farmers Home Administration in Marshfield, Mo.

JANET S. POLLENS, MA, is an interlibrary loan librarian at Rice University in Houston.

LOUANNE STREIFF Danner, MPA, recently was named a University of Missouri extension community development specialist for the nine-county Green Hills area. Her office is located in Grundy County.

JOHN WELLMAN, BS Agr, an account executive with Clayton Brokerage Co. of St. Louis, co-wrote an article titled "There are Several Ways To Turn Your Money To Gold" that was published in the Nov. 8-14 *St. Louis Business Journal*.

'82

DANIEL R. BALABAN, BJ, is a reporter for the *St. Clair* (Mo.) *Chronicle*.

BRET S. BEALL, BS, received the 1982 Oliver R. Grawe award from the Missouri Association of Geologists. Beall is a master's candidate at the University of Michigan in Ann Arbor.

KAREN COFFEY, JD, of Lincoln, Mo., has been named prosecuting attorney of Benton County.

ROBERT D. CRAWFORD, JD, an attorney in Carrollton, Mo., has been appointed to the probate and trust law committee of the Missouri Bar Association.

STEVEN G. GEGG, BS ME, received a fellowship to Stanford University where he is pursuing graduate studies in mechanical engineering.

RALPH E. GREENWAY, BS Agr, recently was appointed credit officer for the Federal Land Bank Association of Northeast Missouri. His office is in Shelbina.

KENT R. HOPPER, BS Agr, has been named credit officer of the Federal Land Bank Association of East Central Missouri in Union.

SANDRA SCHAEFER, BS Agr, of St. Charles, Mo., recently completed cartographic training at Defense Mapping Agency Aerospace Center in St. Louis and is employed as a geodesist.

JAMES R. SWEARENGEN, DVM, has opened the Green Hills Veterinary Clinic in Milan, Mo., and is the resident veterinarian at the Milan Livestock Auction.

VICTOR F. WAVADA, BS Ed, and his wife, the former THERESA NORTON, BS Nur '77, announce the birth of a daughter, Sara Melissa, in July. He is an elementary science teacher in Trenton, Mo., and she is a part-time instructor for the allied health department at Trenton Junior College.

WEDDINGS

'70

PATRICIA COUGHENOUR, BS BA, and JAMES DALE ROLLS, M Ed '72, Nov. 12 in Moberly, Mo., where they live. She is employed with Community Federal Savings and Loan. He is president of City Bank and Trust Co. and is engaged in farming.

'72

PATRICIA ANNE DAVIS, BS Ed, M Ed '75, and E.L. REED, Grad '63, Nov. 27 in Chillicothe, Mo., where they live. She teaches in the public school system and he is employed with Reed's Seed Co.

DALE E. DRESSEL, BS ME, and Carroll A. Dale April 24, 1982, in Jerseyville, Ill. They live in Ballwin, Mo. He is an engineer with Monsanto Co. and she is employed with McDonnell Douglas Corp.

'73

JAMES LIU, BS, MS '76, PhD '81, and Melanie Louie Oct. 2 in San Francisco. They live in Diamond Bar, Calif. He is a

staff medical physicist at City of Hope Medical Center and she is a radiation therapy technologist.

RAYMOND W. WILLIAMS, BS ChE, MS '76, and Kathleen Erna King July 31 in Liberty, Mo. They live in Kansas City where he is employed with Black and Veatch and she is an elementary teacher in the North Kansas City school district.

'74

GREGORY A. ANDERSON, JD, and Maria D'Souza Sept. 5 in Kirksville, Mo. They live in Tulsa, Okla., where he is an attorney and tax consultant for Peat, Marwick and Mitchell.

JOYCE LOFSTROM, BS HE, and CHARLES MALLORY, AB '81, July 31 in Kansas City. They live in Columbia where she is employed with the American Diabetes Association and he with the *Columbia Daily Tribune*.

'75

CAROL LOUISE PICKETT, AB, and Louis E. DeMoll III Aug. 14 in Columbia. They live in Austin, Texas, where she is a PhD candidate and he is a postdoctoral fellow at the University of Texas.

SANDRA SUE RYALS, AB, JD '79, and DAVID RICHARD ALIG, AB '75, Oct. 16 in Kansas City where they live. She is associated with Hyatt Legal Services and he with the law firm of Schleicher, Shapiro, Callaway and Latz.

'76

TRUDY ALLEN, AB, and Robert G. Matarese Aug. 28 in Vail, Colo., where they live and are employed with Vail Associates.

JAMES S. BARRESI, BSF, MS '81, and Lynn M. Thurman Oct. 9 in Columbia. They live in Manahawkin, N.J.

D. GREG GOLLER, BS BA, and Janelle Fischer Oct. 9 in Jefferson City where they live. He is employed with the CPA firm of William Keepers and she is employed with Southwest Animal Hospital.

CAROLYN R. HARDING, BS HE, and CHRISTOPHER W. BROWN, BS BA '81, Oct. 1 in St. Louis County. They live in Columbia where she is employed with Boone Hospital Center and he with Casey's General Stores.

Wherli retires in winning style



He sat quietly amid a kaleidoscope of wildly celebrating teammates.

Roger Wehrli, BS Ed '70, exited with a bang, not a whimper.

At 35, it had seemed all behind him when he announced his retirement after 14 seasons with the Big Red.

Sunday, Dec. 12, was to be his Busch Stadium farewell. He might get in for a few plays.

So if Wehrli seemed a little dreamy, perhaps he was wondering if he had indeed dreamed it all. "We decided, after looking at films of the Giants, it might work. First quarter. Fourth down. Scoreless game. The Big Red set up for a 46-yard field goal attempt. Wehrli, as he has been for a decade, the holder.

The ball is snapped. He handles it surely, rises, sprints to his left.

"The first thing I was thinking was getting the first down. I saw the sticks and I knew I had that, easy. Then there was a block and I broke outside and went down the sideline. It was wide open, really."

Touchdown!

And what a touchdown it was-- the difference between victory and defeat. One which earned his team a playoff berth.

He has played in 193 games as a St. Louis Cardinal, and perhaps No. 193 was the best. The last one at home. Surely, none could have been better.

--Rich Koster, BJ '69

both teach in the Meramec Valley R-3 school district in Pacific, Mo.

MARCIA CLOSE, AB, and John Hoelscher Nov. 20 in St. Louis. They live in Manchester, Mo., and both are employed with McDonnell Douglas Electronics Co. in St. Charles, Mo.

MEHRDAD FOTOHIGHAM, MS, and Pamela Wood Sept. 11 in Columbia where they live. He is an energy conservation and electrical design coordinator at UMC.

EDWARD HAMILL, Agr, and Lucia Lee Bumpus Nov. 13. They live in Perry, Mo. He is executive director of the Ralls County Agriculture Stabilization and Conservation Service office.

JODY A. HENGEL, BS Agr, and Ed Glauert Aug. 7 in Columbia where she is employed with Williamsdale Nurseries and Landscaping Inc. He is self-employed and attends Mizzou.

TERESA JEAN HOWLAND, BJ, and John K. Döbitz Aug. 14 in Des Moines, Iowa. They live in Houston where he is a research engineer with Getty Oil Co.

RONALD LONGWELL JOHNSON, AB, and Connie Louise Ray Dec. 26 in Benton City, Mo. They live in Columbia where both are employed with Pathology Laboratories Inc.

DEBORAH SUE KILEY, BS Ed, and EUGENE J. TWELLMAN, BS BA, Aug. 14 in Baring, Mo. They live in Columbia where she is employed with Boone County National Bank and he is a law student at UMC.

JOSEPH M. LOLLIS, BS BA, and Jacqueline Gaspard Nov. 5 in Sedalia, Mo., where they live. She is a school teacher and he is an assistant vice president of Central National Bank.

KAY MARIE NORTON, BS Ed, and Leslie Barton Johnson Oct. 9 in Columbia. They live in Parsons, Kan., where he is employed with Southwestern Bell Telephone Co.

BRUCE G. RUMSEY, AB, MD '82, and Jennifer White Oct. 23 in Dallas where he is a resident at St. Paul Hospital. They live in Irving, Texas.

DEBORAH K. TRAMMELL, BS Ed, and Richard G. Johnson in Kingdom City, Mo. She is employed with C.M. Tilly Co. in St. Louis and he with Mac's Texaco. They live in St. Charles, Mo.

'77

MARY BETH JOHNSTON, BS HE, MS '79, and Mark A. Einerson Jan. 1 in Valencia, Calif., where they live. Both are employed with Carnation Research Laboratory-- she as a senior food scientist and he as manager of technical applications.

MATTHEW F. LEDBETTER, BS Agr, and Patricia M. Vessell Oct. 30 in Eldon, Mo. They live in Farmington, Mo., where he owns and operates Matt's Plants and she teaches at St. Joseph School.

GAYLA D. PURDY, BS Nur, and Roger H. Maier Aug. 14 in Columbia where they live. She is employed with Columbia Regional Hospital and he with Boone Hospital Center.

JANIS E. SCHULTE, BS Nur, and TRENT LEE ARNOLD, MA, July 10 in Washington, Mo. They live in Aiken, S.C., where he is a partner in the accounting firm of Arnold, Costigan and Co. She is an assistant head nurse at Medical College of Georgia in Augusta.

'78

JANET C. BOWERS, BS Ed, and BILL M. HUBBARD, BS Ed '74, June 11 in Chesterfield, Mo. They live in Catawissa, Mo., and



Enrique Shore/Columbia Missourian

Clawson studies habits of Missouri bats

Rick Clawson, MS '75, has become a real-life batman. He's a researcher, not a comic book hero.

Clawson studies feeding habits and environments of the Indiana and gray bats, both of which have large populations in Missouri, but are on the endangered species list.

He's learned that their feeding patterns vary with the moon. They will hunt food along the edge of the water when the moon is shining.

Since bats eat insects, they are especially vulnerable to pesticide poisoning, Clawson says. The Indiana bat consumes moths and beetles while the gray bat eats mayflies and midges. However, both species are very opportunistic and will eat any insect "if it's efficient to do so," Clawson says.

The gray bat, which Clawson has studied most recently, weighs less than 13 grams. It lives primarily in caves scattered across the southern half of the state. It will not live in just any cave, though. The caves must have special atmospheres which trap and hold cold air inside them. The bats attach themselves to rocks and remain there during the winter provided the temperature remains at a constant 40 to 45 degrees Fahrenheit.

Clawson found that they hibernate for nearly half a year. The life-expectancy of a gray bat is 20 to 25 years, so this amounts to a dormancy time of more than 10 years.

When they are not hibernating, female gray bats migrate to other caves where they give birth. These "maternity caves" usually are found near rivers.

While their mates are busy giving birth and raising the young, the males retire to "bachelor caves" where they remain throughout this period.

Young bats mature very quickly and can fly within 30 days of their birth. They are mature enough to leave their mothers a few weeks later.

This nursing period is an especially delicate time for the animals. Any disturbance could prove fatal, for the mother will abandon her young if she is disturbed. --Randy Clawson

pursuing graduate studies at the University of Georgia and he is employed with Beltone-Townsend Hearing Aids.

CARSON LEE CARRINGTON, BS BA, and Jayne Ellen Dwiggin Sept. 18 in Columbia where they live and are employed with State Farm Insurance Cos.

CHRISTINE CRAMER, BS Ed, and Todd Ray Keilholz Aug. 20 in Columbia. They live in Jefferson City. She is a band director in the Ashland, Mo., school system and he is employed by Keilholz Construction in Chamois, Mo.

BARBARA P. GREENBERG, Educ, and WILLIAM D. GREENBLATT, BS Ed '77, M Ed '81, Nov. 27 in St. Louis where they live. She is employed with Worldwide Travel and he is a sports photographer.

CYNTHIA L. LEWIS, BS BA, and David A Sitomer Nov. 27 in St. Joseph, Mo. They live in Overland Park, Kan., and are employed with IBM in Kansas City, Mo.

MELANIE A. MARGREITER, BS HE, and David S. Emshoff Nov. 20 in Chesterfield, Mo. They live in Ballwin, Mo. She is a buyer for Brown Shoe Co. and he is a salesman for Fry-Wagner Moving and Storage.

DIANA RANLY, BJ, and Richard Juergens Sept. 19 in Columbia where they live and are employed in the College of Engineering.

KIM ROEDER, BS Agr, MBA '81, and Perry Brooks Jr. Aug. 14 in Columbia where they live. He is a graduate student at Mizzou and teaches at the Columbia Area Career Center.

KENNETH M. SKOUBY, AB, MSW '81, and Denise D. Stroad Dec. 4 in St. James, Mo., where they live. He is a social worker with Boys Town of Missouri.

J. KEITH SPACKLER, BS Agr, and Deborah J. Bruce Sept. 18 in Columbia. They live in St. Louis where he is a research analyst with Clayton Brokerage Co. and she is a surgical nurse at St. Johns Mercy Hospital.

MARY NELL WOOLFOLK, BS Ed, BS HE, and Clement E. Brooke III Sept. 3 in Centralia, Mo. They

MARY LYNN TURNER, AB, and Gregory E. Martin Nov. 24 in Madeira Beach, Fla. They live in St. Petersburg Beach, Fla., where she is employed with the *St. Petersburg Times*. He is employed with The House of Midulla of Central Florida in Tampa.

CARLA SUE VANCE, BS HE, and Yale Klepner Aug. 28 in St. Louis. They live in St. Charles, Mo., and work in St. Louis. She is employed with United Van Lines and he with Roland Industries.

DONALD WAYNE WOODSON, BS Agr, and Catharine Phillips Oct. 23 in Fulton, Mo., where they live. He is employed with the police department and she with the Missouri Division of Family Services.

'79

JEFF ANGLIN, AB, and Lissy Litton Aug. 7 in Columbia. They live in Baltimore where he is studying medicine at Johns Hopkins University and she is an advertising director with Metro Networks.

KAREN LaRUE CAMPBELL, DVM, and Lawrence Motsinger Sept. 4 in Sullivan, Mo. They live in Athens, Ga., where she is

Montgomery builds body and pride



Body building is a sport of perfection. "We are molding our bodies into living works of art," says 1st Lt. Michael Montgomery, AB '79, executive officer of Walter Reed Army Medical Center's Company B.

The former Marching Mizzou drum major and member of the Tiger track team started body building in 1979 to strengthen a college knee injury. Then he read Arnold Schwarzenegger's book and became serious.

Montgomery put on about 50 pounds of muscle and won second place honors in the Mr. East Texas Contest in 1980, first place in the United States-Korean Friendship Body Building Contest in 1981 and third places in both the Mr. Nation's Capital and Mr. Metro in 1982.

"I hope to be able to enter national competition within the next year, and I'm aiming at the Mr. America title within two or three years," says the 6-foot-2, 210-pound Montgomery, who measures his success with a tape.

The hopeful future Mr. America says that body building has improved his health. "My cardiovascular system is better, I have more endurance and I have more energy. The sport has improved my agility since, to perform the required poses, I incorporate flexibility training into my schedule."

Following a rigorous routine of diet, workout and rest, Montgomery probably consumes more high-protein foods and takes more vitamins than the average person, but it is offset by workouts. He's committed to years of sweat, strain and sacrifice because "being the best is the ultimate reward."

live in Columbia where he is employed with Coy's Moving and Storage. She teaches in the Hallsville, Mo., school system.

'80

JACKIE R. DEVENPORT, BS Ed, and Robert J. Orton Aug. 14 in Moberly, Mo., where they live. She teaches at Higbee (Mo.) High School and he is employed with Art's in Moberly.

CINDY HELLER, BS Ed, and Bruce Young July 17 in Columbia where both are employed with Woodhaven School Inc. They live in Fayette, Mo.

SHERYL LATINO, BS Nur, and Steven Gregory July 31 in Columbia. They live in Kansas City where she is employed with Stuart Pharmaceuticals and he with Trinity Lutheran Hospital.

LAURA LINNEMAN, BS Ed, and ROBERT HENGEL, MS '76, Aug. 14 in Columbia. They live in Houma, La., where he is employed with Schlumberger Well Services. She teaches at Terrebonne Parish in Montegut, La.

CHALLY JOYCE MORRISON, BS, and GREGORY GALVIN, BGS '78,

Aug. 7 in Columbia. They live in Kansas City where he is employed with Steak and Ale restaurants.

LAURA SAUNDERS, BJ, and Thomas E. Bernhardt Sept. 11 in Evanston, Ill. They live in Glenview, Ill.

DIANE SIEMER, BS BA, and John Hehmeyer Nov. 13 in Florissant, Mo. They live in Overland Park, Kan., where he is an engineer with the Marley Co.

TERRI TROCHUCK, BS PT, and TOM FITZGERALD, BJ '79, Sept. 18 in Mount Prospect, Ill. They live in Hacienda Heights, Calif. He is a public relations specialist for Aerojet Ordnance Co. in Downey, Calif., and she is a registered physical therapist at Rancho Los Amigos in Downey.

JAMES DARIEL WATTS, AB, and Karen Elizabeth Harms Aug. 14 in Kansas City where they live. She is employed with the Hyatt Regency Hotel and he is a law student at UMKC.

HILLARY ANN YOUNG, BS Ed, and MARK DRURY, BS CE '79, Dec. 29 in Hazelwood, Mo. They live in Kansas City. He is employed with Bendix Corp.

'81

CHERYL KAY AKRE, BS HE, and WILLIAM GREY POWELL, BS BA '67, MS '80, Oct. 30 in Jefferson City. They live in Kansas City where she is employed with Harzfelds on the Plaza and he with Mid-America Regional Council.

KENNETH P. ASTON JR., AB, and LORI ANN SHIKANY, Educ '80, April 17, 1982. They live in St. Louis. He is an apartment investment specialist with Coldwell Banker in Clayton, Mo.

MARK WYNNE CASTEEL, BS BA, and Mary McHaney Jan. 1 in Jefferson City. They live in St. Petersburg, Fla. He is a law student at Stetson University.

NANCY CHRISTINA DAUGHERTY, BJ, and EDWARD CONNELLY DOUGHERTY, BJ, Aug. 21 in Springfield, Mo. They live in Cedar Rapids, Iowa, where she is an assignment editor with KCRG-TV. He is employed with Frank N. Magid Associates in Marion, Iowa.

WILLIAM C. DAVIS, BSF, and Christine M. Fenton Nov. 6. They live in Corpus Christi, Texas. He is a survey engineer for Sperry-Sun's gulf coast offshore region.

ANN KINROTH, BHS, and James Lindemann Aug. 7 in St. Louis. They live in Durham, N.C., where she is a microbiologist at Duke University and he is completing an MBA degree.

CAROLYN S. KISO, BHS, and PATRICK G. YOUNG, MD, Sept. 25 in Marshall, Mo. They live in Dallas where she is a respiratory therapist at Medical City Dallas and he is a resident at Parkland Memorial Hospital.

CRAIG MORGAN, BS Agr, and Donna Jean Williams Aug. 1 in Paris, Mo. They live in Holliday, Mo.

NANCY RAE PEMBERTON, BS BA, and KURT ARTHUR REDIG, AB, BS BA, Sept. 4 in Springfield, Mo. They live in New Orleans where she is employed with Touche-Ross and he with Shell Oil Co.

MELISSA RIDGE, BS Ed, and KELLY F. DOBYNS, AB '78, July 21 in Columbia. They live in Tuscaloosa, Ala., where both are pursuing master of fine arts degrees at the University of Alabama.

GALEN SIGHTS, BS, and GREG MATHEWS, BS, Sept. 5 in Columbia. They live in Denver and he is a sales representative for Home Life Insurance Co. of New York.

STACIA THOMAS, BS Ed, and GREGORY COOPER, BS BA, July 3 in Columbia. They live in St. Louis where he is employed with McDonnell Douglas Corp. She teaches at St. Catherine of Alexandria Elementary School in St. Louis County.

LINDA P. TRASK, BS Ed, and LARRY W. McDANIEL, BS BA '82, Aug. 28 in Columbia. She is employed with Business Men's Assurance Co. in Kansas City and he with Hallmark Cards Inc. They live in Gladstone, Mo.

'82

SUSAN ATTEBERRY, BJ, and Barry Lewis Smith Sept. 18 in Springfield, Mo., where they live.

GARY DOUGLAS BEGGS JR., BS Agr, and Mary Beth Scherer Nov. 6 in Benton, Mo. They live in Blodgett, Mo., where he manages Beggs Brothers Farms. She is employed with M.D. Limbaugh Construction Co. in Sikeston, Mo.

KATHY BRISCOE, BS Ed, and LEROY SHARP III, BS Agr '81, Aug. 7 in Columbia where they live. He is employed with Buchroeder's and she teaches in the Fayette, Mo., school system.

JAN ENGELBERG, BS HE, and 2nd Lt. GEORGE M. TUCKER, AB, Dec. 18 in St. Louis County. They live in Fort Rucker, Ala., where he is a U.S. Army helicopter pilot.

RANDALL G. EZELL, DVM, and Janis Knoetzel Oct. 23 in Springfield, Mo. They live in Las Vegas, Nev., where he practices veterinary medicine.

CHERYL LYNN MEHLE, BS BA, and Robert William Martin July 24 in Columbia. They live in Boulder, Colo., where he attends the University of Colorado.

STEVEN RAY MILLER, BS Agr, and Karen Sweeney June 6 in Carrollton, Mo. They live in DeWitt, Mo., where he is engaged in farming. She is a dental assistant for Robins-Smith in Carrollton.

JULIE SAUPE, BS Nur, and JOHN DAVID HORN, AB, Sept. 25 in Columbia. They live in Memphis, Tenn., where he works for Pfizer Pharmaceutical Co.

TONYA SWINEY, BS HE, and TIMOTHY DeLAPP, BS BA '79, Aug. 21 in Columbia. They live in St. Louis.

DEATHS

LETHA REED McGregor, AB, BS Ed '10, of Kansas City, Sept. 3 at age 95.

JANE M. ROLLMAN McCormick, AB, BS Agr '14, of Phoenix, Ariz., Nov. 26 at age 90. Survivors include her husband, PAUL W. McCORMICK, BS Engr '23.

RUTH FERN SEDWICK Blakey, AB, BS Ed '14, May 1, 1982, in Springfield, Mo., of cancer at age 90. She was a retired school teacher.

CLAUD PORTER TALBOT, BS ME '14, of Shreveport, La., June 18 at age 90.

AVON HERSCHEL MURRAY, BS Agr '15, Jan. 20 in Mound City, Mo., at age 89. Murray was a native of Oregon, Mo., where he was a grain farmer and a fruit grower. Survivors include a son, three daughters (including LOUISE MURRAY Willis, BS Ed

'43, M Ed '46, and FRANCES MURRAY Bedford, BS Ed '46), and a brother, HANSON MURRAY, BS Agr '17.

JOHN STAPEL, BJ '15, Feb. 6 in Columbia at age 90. He was a member of the board of directors of the Missouri Publishing Association for more than 60 years, and former president of Farmer's Mutual Insurance Co., (now Columbia Insurance). He was active in UMC alumni activities, a theater owners association and the Missouri Press Association. Survivors include his wife and a daughter, LILLIAN STAPLE Blakemore, BJ '39.

MARY COCHRAN Farris, BS Agr '17, of Nashville, Tenn., Jan. 26 at age 88.

BERTHA FERGERSON Needham, BS Ed '19, Jan. 9 in Lee's Summit, Mo., at age 87. She was head librarian at Kansas City Junior College before retiring in 1966.

ROBERTA LEE HERRING Bass, Arts '19, Jan. 7 in Enid, Okla., at age 84. Survivors include two daughters.

JAMES BUFORD ROGERS, BS Ed '19, of Los Angeles, Sept. 17 at age 91. Survivors include his wife, the former DANNETT PRATT, AB '21.

HATTIE BIHR Wood, BS Ed '20, Dec. 29 in Lee's Summit, Mo., at age 85. Survivors include two sons and two daughters.

JASPER ROSS FLEETWOOD, BS Agr '21, MA '24, Jan. 7 in Columbia at age 83. Fleetwood, professor emeritus of agronomy, retired from UMC in 1966. Survivors include his wife and three sons.

LAURA SMITH Stowers, AB '21, Nov. 10 in Kansas City at age 86. She was a real estate broker from 1949 until she retired in 1978, and had worked primarily for the Paul Hamilton Co. in Kansas City. Survivors include two sons.

THELMA PHILLIPS Cheavens, BS Ed '23, Dec. 17 in Houston at age 79. Survivors include a son and two daughters.

ROGER S. WILLIAMS, AB '23, Feb. 3 in Columbia at age 81. He recently retired after almost 50 years with the Missouri Bookstore, having served as director of book activities and manager. Williams established the Clinical Speech Pathology Award for UMC students in 1970. In 1976, he received the Reynolds Award for distinguished service to the bookstore industry.

WALLACE GRAY, BS Agr '24, Jan. 13, 1982, in Troy, Mo., of an apparent heart attack at age 83. Survivors include his wife, the former MARJORIE THOMAS, BS Ed '25, and two sons.

FEROL STARK Koerper, BJ '24, Jan. 12 in Scottsdale, Ariz., at age 79. Formerly of Kansas City, she had been secretary of the board of Children's Mercy Hospital and the Missouri-Kansas chapter of the American Red Cross. She was a former director of the American Royal Association. Survivors include a son.

CAROLYN BOONE Skelton, BS Ed '25, Dec. 5 in Lexington, Mo., at age 79. She was active in church and community organizations, and the Democratic Women's Club. She organized the Lexington kindergarten class that was combined into the public school system in 1945. Three sons are among the survivors, including U.S. Rep. IKE SKELTON JR., AB '53, JD '56, and JOHN BOONE SKELTON, BS Ed '65.

WILMA SCHMIDT, Arts '25, Nov. 19 in Leavenworth, Kan., at age 76.

WILLIS V. SHEPARD, AB '25, Feb. 3 in Kansas City at age 79. He was owner of the Shepard Brokerage Co. Survivors include his wife.

ROY WESSENDORF, MA '25, Oct. 17 in Boca Raton, Fla., at age 80. He was a retired vice president of the Springfield (Mass.) Monarch Insurance Co. Survivors include his wife, a son and two daughters.

PAUL WOBUS SR., MA '25, Dec. 11 in Concordia, Mo., of an apparent heart attack at age 89. He was an ordained minister and had served several Missouri congregations before retiring. Survivors include his wife, two sons and one daughter.

RAYMOND CECIL HASE, BS Engr '28, of St. Louis, Sept. 26 at age 76.

ELBERT HASENRITTER, BS Engr '29, of Havertown, Pa., Jan. 22, 1982, at age 75. He was a purchasing agent and general traffic manager with CertainTeed Products of Valley Forge, Pa., for 40 years until he retired in 1969.

PEGGY NEUBAUER Phillips Burris, Arts '29, Nov. 13 at age 72 in Allentown, Pa., where she had been public relations director at Cedar Crest College. Formerly, she had served in Columbia as director of the Stephens College news bureau, public relations director at Christian College and associate director of the J-School's 50th anniversary celebration. Survivors include her husband and daughter.

NORINE HIRRON Doyel, BS Ed '30, Dec. 13 in Fort Smith, Ark., at age 75. She was a retired school teacher. Survivors include her husband.

ROY R. SULLIVAN, MA '30, Jan. 21 in Roseville, Minn., at age 77. He was vice president of International Acoustical Testing Laboratories Inc. in St. Paul, Minn., until he retired in 1970. Survivors include his wife and two sons.

JAMES M. BAKER, AB '31, BS Med '32, Feb. 3 in Columbia at age 75. He played tackle for the Tigers and lettered in 1929-30. Baker became the first resident at Boone Hospital Center in 1937 and, subsequently, served as its chief of staff. He was appointed UMC's sports physician in 1938 and served in this capacity until retiring in 1978. Survivors include two daughters and a son, JAMES D. BAKER, BS Ed '69, M Ed '70.

LUCIEN R. GALLAIS, BS Ed '31, M Ed '42, Oct. 15 in Florissant, Mo., of an apparent heart attack at age 76. He was a retired school teacher and administrator. Survivors include his wife and two daughters.

M. FRED HUBBELL SR., BS Engr '31, MA '33, Nov. 10 in St. Louis at age 74. He retired in 1972 after 40 years with Union Electric Co. Survivors include his wife, the former MARJORIE SEWARD, BS RPW '33, and three sons.

HUGH COZEAN, B&PA '32, Dec. 2 at age 71 in Farmington, Mo., where he was owner of the Cozean Funeral Home. He was active in business and civic affairs and had been in the funeral business for 40 years.

Survivors include his wife and 15 children, including foster children.

JUSTIN HARRY DOAK, BS Agr '32, Oct. 29 in Princeton, Mo., at age 71. Doak, a retired school teacher, had been employed with MFA, Farm and Home Administration, and Taylor Equipment. Survivors include a daughter and a son.

ALTA ELISABETH FRAME Winter, MA '32, Aug. 14 in Walnut Creek, Calif., at age 81.

RHODA A. KAIN, MA '32, of Jennings, Mo., Oct. 6 at age 90.

J. ALBERT McCOLLUM, BJ '32, of West Hartford, Conn., in October at age 71. Survivors include his wife.

DOROTHY WASSON Baldry, BS Ed '32, of Rancho Santa Fe, Calif., Nov. 27 in San Diego at age 71. She was past president of the Book Club and a member of the Garden Club in Rancho Santa Fe. Survivors include a son and a daughter.

TENNESSEE WILLIAMS, Journ, Arts '32, Feb. 25 in New York City at age 71. The Pulitzer Prize-winning author was most noted for his plays "A Streetcar Named Desire," "Cat on a Hot Tin Roof" and "The Glass Menagerie." The original manuscripts of two one-act plays written while a student--"Beauty is the Word" and "Hot Milk at Three in the Morning"--are maintained in the UMC archives. Williams signed the works in 1969 when he returned to Campus to receive an honorary doctor of humane letters degree. He and Elmer Lower, J-School dean, were classmates and Alpha Tau Omega fraternity brothers. "There's no question he had potential," Lower says. "I don't think anybody could have predicted he would have turned out to be one of our greatest playwrights, though."

VINCENT V. HOLMBERG, BS Engr '33, July 28 in Lake Geneva, Fla., at age 71. He retired in 1978 as vice president and vice chairman of the board of Ellington Miller Co. in Chicago. Survivors include his wife, two sons and a daughter.

HARTFORD BUCKMINSTER, MA '35, of Oak Ridge, Tenn., Dec. 31 at age 75.

LOUIS H. GOODSON, AB '35, Dec. 9 in Kansas City at age 69. He worked for the Midwest Research Institute for 34 years and had been head of the biochemistry department since 1974. Survivors include his wife and three daughters.

FRANK JACKLE, MA '35, Dec. 18 in Glendale, Ariz., of an apparent heart attack at age 73. He was professor emeritus and retired chairman of the modern languages department at the American Graduate School of International Management in Glendale. Survivors include his wife.

LUCILE HOLMES, MA '36, Dec. 25 in Marshfield, Mo., at age 80. She was a retired school teacher.

J. LOUIS CRUM JR., BS ME '37, Dec. 18 in Columbia of an apparent heart attack at age 69. He was president of the J. Louis Crum Corp. Survivors include his wife, two sons and a daughter.

GEORGE H. HORTENSTINE, JD '37, of Portland, Ore., Oct. 17 at age 68.

ROBERT GALLAGHER, MA '38, of Bethlehem, Pa., Oct. 12 at age 77.

TRAVIS VERN HOPKINS, MA '39, Dec. 21 in Kansas City at age 72. He was a teacher and coach in Independence, Mo., for 32 years before retiring in 1976. Survivors include his wife and a son.

BILL N. NIMNICHT, BS BA '39, of Jacksonville, Fla., Nov. 16 of an apparent heart attack at age 64.

EUGENE MAX PHILLIPS, AB '39, Feb. 15, 1982, in Washington, D.C. at age 65. Survivors include a sister, MAUREEN PHILLIPS Ontrich, Arts '34, and a brother who also attended UMC.

MARTIN O. WRIGHT, MA '39, of Basin, Wyo., Nov. 20 at age 74. Survivors include his wife.

BOYD WATTS LUCAS JR., Arts '40, of Belmont, Calif., June 23 at age 61.

NORMAN PERLSTEIN, BJ '41, of Stamford, Conn., in 1982 at age 63.

CHARLES A. VANDIVORT, BS Agr '41, of Cape Girardeau, Mo., Nov. 23 at age 67. Survivors include his wife.

CHARLES ROGER SETTLE SR., M Ed '42, Nov. 23 in Overland Park, Kan., at age 82. He was a retired school teacher and administrator. Survivors include a son and a daughter.

VIRGINIA LEE BAILIFF Biggs, Agr '45, Nov. 22 in Poplar Bluff, Mo., at age 62. She was active in church, community and school affairs. Survivors include her husband, FRED J. BIGGS JR., AB '36, BS Med '38, a son and a daughter.

MARY ANN CLINKSCALES Miller, BS Ed '45, of Boonville, Mo., Jan. 17 in Columbia at age 59. She had been a kindergarten teacher in Boonville and was active in community and scouting activities. Survivors include her husband, two sons and one daughter.

DORRIS McCOY Willard, BS Ed '45, Dec. 30 in Warrensburg, Mo., at age 61. She was a retired school teacher. Survivors include her husband, three sons and a daughter.

J. HOWARD CHEUVRONT, M Ed '47, of Phoenix, Ariz., Sept. 25 at age 76.

JAMES R. HART, Arts, Engr '47, Oct. 16 in El Cajon, Calif., at age 58.

TOM BRANTLEY MOBLEY, JD '47, Dec. 9 in Kennett, Mo., at age 64. He had served as president and chairman of the board of Senath (Mo.) State Bank. Mobley, a native of Kennett, had practiced law there. He also had been a prosecuting attorney for Dunklin County and a state assistant attorney general. Survivors include three sons and one daughter.

ROBERT FRANK BOEHME, BS BA '48, Oct. 30 in Houston at age 60.

DAVID HULL NICHOLSON, EdD '48, March 13, 1982, in St. Louis at age 74. He was a retired vice president of Sunnen Products Co. and former president of the industrial relations club of St. Louis. Survivors include his wife and a daughter.

JAMES T. HAGUE, BJ '49, of Jefferson City, Nov. 21 in Columbia at age 82. He retired in 1966 after serving as director of information for Missouri Division of Employment Security. Survivors include his wife and two sons.

RUDOLPH C. LEDBETTER, BS Agr '49, M Ed '56, Nov. 8 in

Vandalia, Mo., at age 59. He retired in 1982 after 23 years as principal at Van-Far High School. Survivors include his wife, the former ERMA CLARK, BS Ed '61, M Ed '64, a son and a daughter.

GERALD FRANCIS McPHEE, BS Agr '49, Dec. 29 in Rock Port, Mo., at age 60. He was president of Rolf's Fertilizer and Supply Co.

CLAYTON GENE BRATTON, BJ '50, Sept. 19 in Ames, Iowa, at age 55. Bratton was an advertising instructor at Iowa State University. He also had taught journalism at the University of Kansas and Wichita (Kan.) State University. Survivors include his wife and two sons.

WANDA PIONTKOASKI Connelly, BS HE '50, Nov. 11 in Baton Rouge, La., at age 58. Survivors include her husband, JAMES L. CONNELLY JR., AB '49, MA '50, and seven children.

CHARLES L. HUGHES, JD '51, of Aurora, Ill., Nov. 16 at age 60.

WILLIAM DANIEL MAGEE, BS BA '51, MA '52, of Springfield, Ill., Sept. 23 at age 52.

SIDNEY F.H. RIXMAN, BS BA '51, of Denver, Dec. 8 at age 57.

MARTHA "Marty" BRIAN, BJ '52, March 25, 1982, at age 51. She began teaching journalism at Ohio State University in 1967 and was promoted to an associate professor in 1977.

DON MOTTESHEARD, BS Agr, DVM '52, Jan. 26 in Marshfield, Mo., of an apparent heart attack at age 56. He established and was co-owner of the Marshfield Veterinarian Clinic. Survivors include his wife, a son and a daughter.

HANNAH SISLER Avery, BS HE '53, Dec. 2 in Denver at age 52. Survivors include her husband and two daughters.

DWIGHT CREACH, BS Agr '54, DVM '65, Aug. 8 of an apparent heart attack at age 48. He had been a school teacher and a veterinarian. Survivors include his wife, three sons and a daughter.

WILBERT W. BERBERICH, BS BA '55, Nov. 20 in St. Louis of an apparent heart attack at age 49. He was owner of Berberich's Delivery in St. Louis and the Hotel Governor in Jefferson City. Survivors include his wife, the former JANICE EVANS, BS Ed '58, two sons and two daughters.

PAUL LAWRENCE DuNARD, BS Agr '55, Jan. 18 in Columbia at age 67. For the past 20 years, he had been a photographer at UMC. Earlier, he was employed as an agronomist with the Charles H. Lilly Co. in Seattle. Survivors include his wife, two sons and three daughters.

JAMES C. WILSON, BS BA '55, of Ashland, Mo., Dec. 17 in Jefferson City at age 58. He retired in 1982 after 17 years of service with the Missouri Department of Education. Survivors include his wife, a son and a daughter.

JASPER A. CLARK, PhD '56, July 13 in Bolivar, Mo., of cancer at age 72. He had taught at Southwest Baptist University in Bolivar for 44 years. Survivors include his wife, a son and a daughter.

MARVIN P. EVENSON, M Ed '56, April 26, 1982, in Santa Rosa, Calif., of cancer at age 77. He retired from the U.S. Navy in 1956 and became the western regional director for the American Friends of the Middle East. Survivors include his wife, a daughter and three sons.

CAROLE LANGTON Adams, AB '56, Nov. 15 in Kansas City at age 48. She had been a teacher at Graceland College in Lamoni, Iowa.

CARL RAY BARTEL, EdD '59, of Tempe, Ariz., Dec. 7 at age 56.

RICHARD L. WELTY, Grad '60, Nov. 2 in Mesa, Ariz., at age 62. He was director of high school choruses in Gallup, N.M., for 27 years before retiring in 1978. Survivors include his wife, the former MARY MERCER, BS Ed '49, and two daughters.

MICHAEL J. HAYNES, AB '61, MA '72, Feb. 2 in Parsons, Kan., at age 44. He was employed at Parsons Children's Mental Health Hospital. Survivors include his wife and a daughter.

MARJORIE HUNT Kunkel, BS Ed '62, Dec. 18, 1981, in Rochester, Minn., at age 52. She was a teacher at Monroe Elementary School in Mankato, Minn. Survivors include her husband, BYRON KUNKEL, BS Agr '51, a son and a daughter.

ALAN WEISMAN, BJ '62, Dec. 25 in Winfield, Ill., at age 42. Weisman was employed with Sears, Roebuck and Co. for almost 20 years and had served as an advertising executive for the firm since 1979. Survivors include his wife, a daughter and a son.

FEREYDOON "Fred" MIZANI, BS CE '64, Dec. 14 at age 44 in South Bend, Ind., where he was a partner in an engineering consulting firm. Formerly, he was employed with the Missouri State Highway Department. Survivors include his wife, a son and a daughter.

ROBERT RAY HATCHER, BS EE '67, Dec. 31 in St. Joseph, Mo., at age 39. He was head of the family electronics business and, for almost 15 years, had served as youth director at Woodson Chapel Christian Church.

DAVID MORGAN, PhD '68, of Radford, Va., Jan. 23 at age 48. He had taught for 11 years at William Woods College in Fulton, Mo. Survivors include his wife and a daughter.

DAVID T. SCHNEIDER, BS Agr '71, of California, Mo., Dec. 10 in Jefferson City at age 39. He had taught vocational agriculture in high schools at California and Kirksville, Mo. Survivors include his wife and two sons.

JAMES F. LOUDENSLAGER, BS Ed '72, M Ed '82, Feb. 4 in Columbia at age 31. Survivors include his wife, the former JANICE DEE, BS Ed '72.

JON ANN PURSLEY, BS Ed '74, M Ed '75, of Bolivar, Mo., Feb. 10 in Marietta, Ga., of cancer at age 30. She was a former music teacher and, most recently, had worked in the advertising division at Slingerland Drum and Deagan Co. in Niles, Ill.

VALERIE SHERMAN Blair, MA '80, of Portsmouth, N.H., March 18, 1982, at age 24. Survivors include her husband.

RICH R. FLANAGAN, BS BA '82, from injuries suffered in an Oct. 21 automobile accident in Houston where he was employed. He was 23.

MARK ADAM ROTH, BS Agr '82, of Webster Groves, Mo., in an Oct. 19 automobile accident in Boulder, Colo., at age 24.

WESLEY JACK ISAACS, Agr '83, Feb. 3 in Columbia at age 19. Isaacs was a sophomore agricultural education and animal science major.

Faculty death

EARL J. MOORE JR., Jan. 11 in Columbia at age 52. He was an associate professor of education. Survivors include his wife, four sons and three daughters.

BOOKS

By alumni

A Way With Words: How to Improve Your Relationships Through Better Communication

by Tonette Kowalski Brouger, MS '71.

The book, which illustrates common errors in communication and more effective ways of expressing oneself, includes a chapter on non-verbal communication. Nelson Hall, Chicago. \$22.95 hardback, \$11.95 paperback.

Across Our Wide Missouri, Volume I, January through June
By Bob Priddy, BJ '63.

This book contains some of the true, historical short stories about Missouri men and women that the author developed for a radio program several years ago. The stories, told on a daily basis, present interesting, little-known facts about Missouri, including its outlaws, lawyers, politicians, sports figures, cities and small towns, colleges and prisons. Independence (Mo.) Press. 378 pp. \$15.

American Magazines for the 1980s
by William H. Taft, BJ '38, MA '39.

Taft's study seeks to present an overall view of today's American magazine scene, noting it is one of the most fluid industries alive. Hastings House, New York City. 382 pp. \$24.95.

How to Market Professional Design Services, second edition
by Gerre Jones, BJ '48.

This revised and updated edition contains 90 percent new material about professional design services marketing. McGraw-Hill, New York City. 338 pp. \$32.50.

CALENDAR

Coming events of special interest to alumni

April 4 to 18, Tourin' Tigers, Austria, Hungary and West Germany
April 7, Franklin County chapter telefund, Washington, Mo.
April 9, Home Economics Alumni/Friends Day, Columbia
April 12, Sullivan County chapter telefund, Milan, Mo.
April 12, Walter Williams Club meeting, San Francisco
April 14, Adair County chapter telefund, Kirksville, Mo.
April 15, Memphis chapter meeting, Memphis, Tenn.
April 15, St. Charles County annual

meeting/dinner, St. Charles, Mo.
April 15 and 16, Class of 1933's 50th reunion, Columbia
April 19, Faculty recognition ceremony, Columbia
April 19, Kansas City engineering alumni meeting, Kansas City
April 23, Communications committee meeting, Columbia
April 23, Tour committee meeting, Columbia
April 23, Black and Gold football game, Columbia
April 23, Student board oozeball games, Columbia

April 25, Miller County chapter meeting, Eldon, Mo.
April 26, Cass County chapter meeting, Harrisonville, Mo.
April 27, Ft. Lauderdale chapter meeting, Ft. Lauderdale, Fla.
April 30, Jefferson Club dinner, Columbia
May 6 and 7, Alumni Association National Board of Directors meeting, Columbia
May 14, Commencement, Columbia
May 22, St. Louis engineering alumni picnic, St. Louis

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An incorporated organization of graduates and former students

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Small animal expert receives top award

Dr. M. Joseph Bojrab, head of small animal surgery in the College of Veterinary Medicine, has been named the Small Animal Veterinarian of the Year by the American Animal Hospital Association. The award, recognized by veterinarians as the most prestigious in small animal medicine, is one of several Bojrab has won recently. In 1981, he received the Bourgelat Award, an international award for contributions to his field, from the British Small Animal Veterinary Association. Bojrab, who came to Mizzou in 1973, also has edited an easy-to-use surgery textbook which is printed in five languages and used in most veterinary schools in this country.

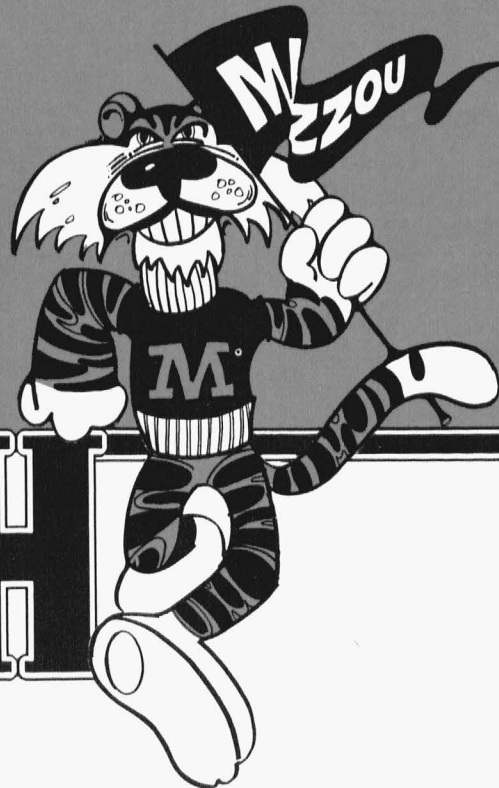
Gifts help geology fund new microscope

A new scanning electron microscope will give the geology department a research-grade instrument with a magnification power of 250,000, thanks to \$97,500 in contributions from Amoco, Chevron, Marathon, Mobile, Phillips and Texaco oil companies. Another \$32,500 has been pledged. "The new microscope will more than double our magnification capabilities. No other geology department of our size will have the equivalent of our research facility when we get this instrument," says Dr. Dave Houseknecht, assistant professor of geology. Delivery is expected in late April or May.

Tigers win fourth Big 8 crown

The Missouri Tigers are Big Eight Champions for the fourth straight time, the first time any Big Eight team has achieved that distinction. Kansas won the old Big Six four times in a row in the early '30s, before Colorado and Oklahoma State joined the league. Only 19 teams in basketball history have won four or more conference championships, the last being UCLA in 1979. In their drive for the title, Mizzou also set a conference record in winning 11 straight Big Eight games on the road, maybe the biggest feat of all. During the four-year Steve Stipanovich/Jon Sundvold era, the Tigers had won 100 games up until the start of NCAA tourney play. Only Virginia, North Carolina and Louisville won more. And for the first time in its history, Missouri had two All-Americans in the same season, Stipo and Jon.

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.



Mizzou
RAH

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COLLEGETOWN USA

Campus feud. Computer dating. Mizzou mosque. Sex \$ells. Easy listening. Another Arthur Bryant's? A magic way to pay for school.

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PROGRAMMED FOR INDEPENDENCE



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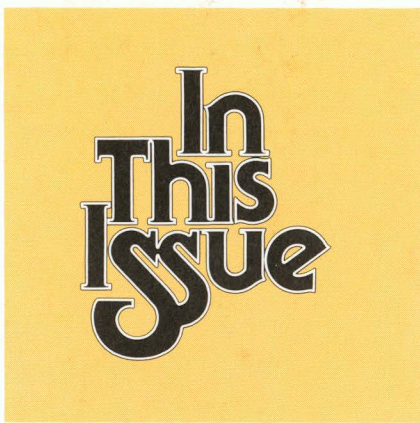
DONOVAN RHYNSBURGER: FATHER OF THE THEATRE

The former director of the Missouri Workshop will be 80 years old in April.

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A NEW BOARD OF CURATORS

Recent appointments change the configuration of the University's governing body.



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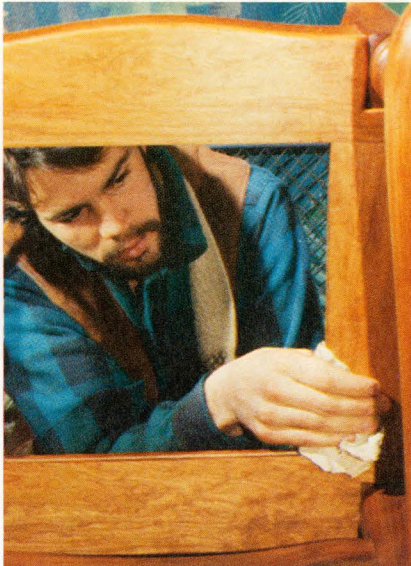
HOOKED ON TEACHING

Some of UMC's finest professors gather at a retreat to talk about creativity in the classroom.

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SCIENCE UPDATE

Stepping out. Ms guided. Hog herpes. No hole in the head. Memories are made of chips.



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STUDENT CRAFT CENTER PROVIDES FREE-TIME FUN

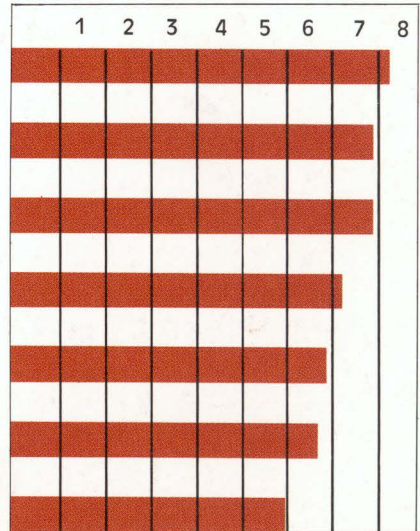
ABOUT THE COVER

In a scenic setting south of the Campus, disabled students learn computer skills that can help them successfully compete with the able-bodied for well-paying jobs. Here, Lonnie Hingpgen works at a terminal. The story begins on page 6.

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DAVE HART: FIVE YEARS LATER

Mizzou's athletic director assesses his impact on Tiger sports and looks ahead, too.



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YOU'RE THE CUSTOMER

The results of the Alumni Association's marketing survey.

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MIZZOU RAH!

Veterinarian receives top award. Gifts help geology acquire powerful microscope. Tiger cagers win fourth straight title.