

MISSOURI

ALUMNUS

February 1960

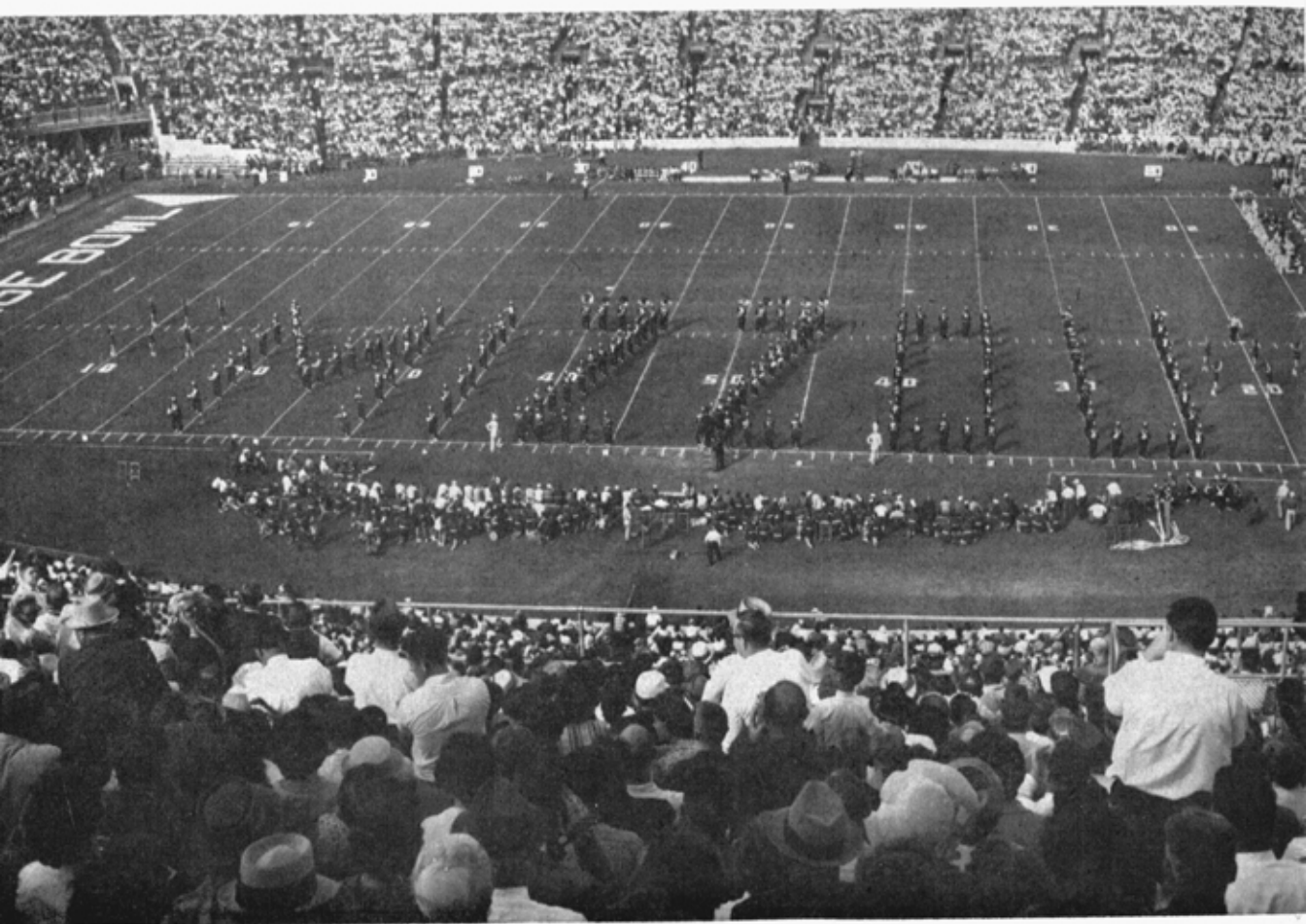


Photo by Kirk Rosenhan

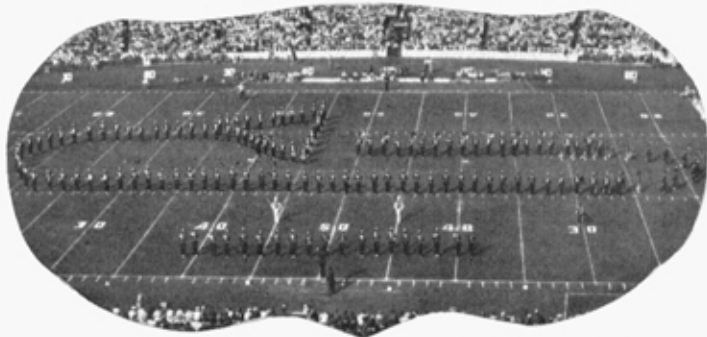
It's half-time at the Orange Bowl, and the Marching Mizzou Band is performing for 75,820 in the stands and millions looking in on television. More views on pages 8 and 9.



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MISSOURI ALUMNUS

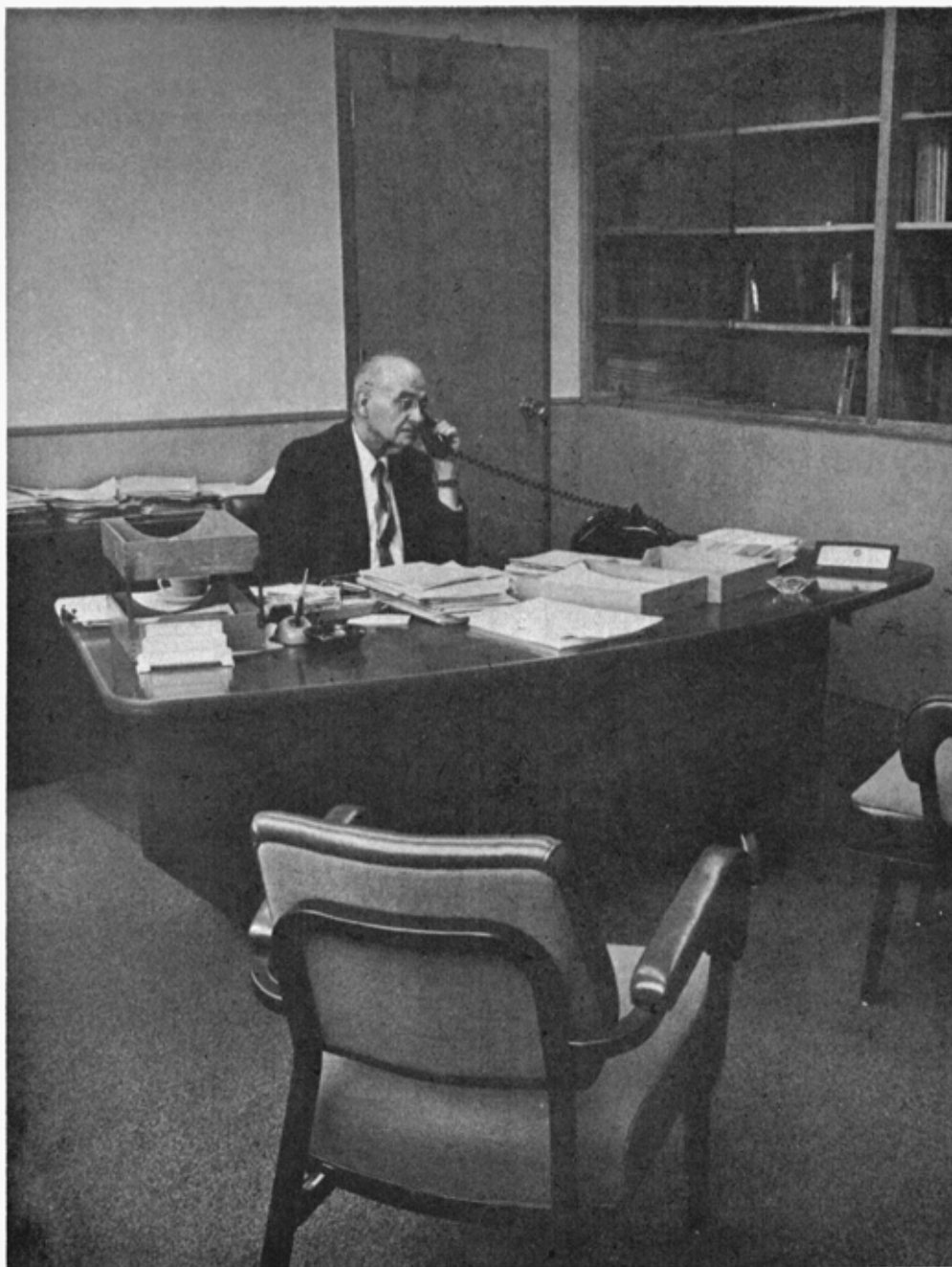
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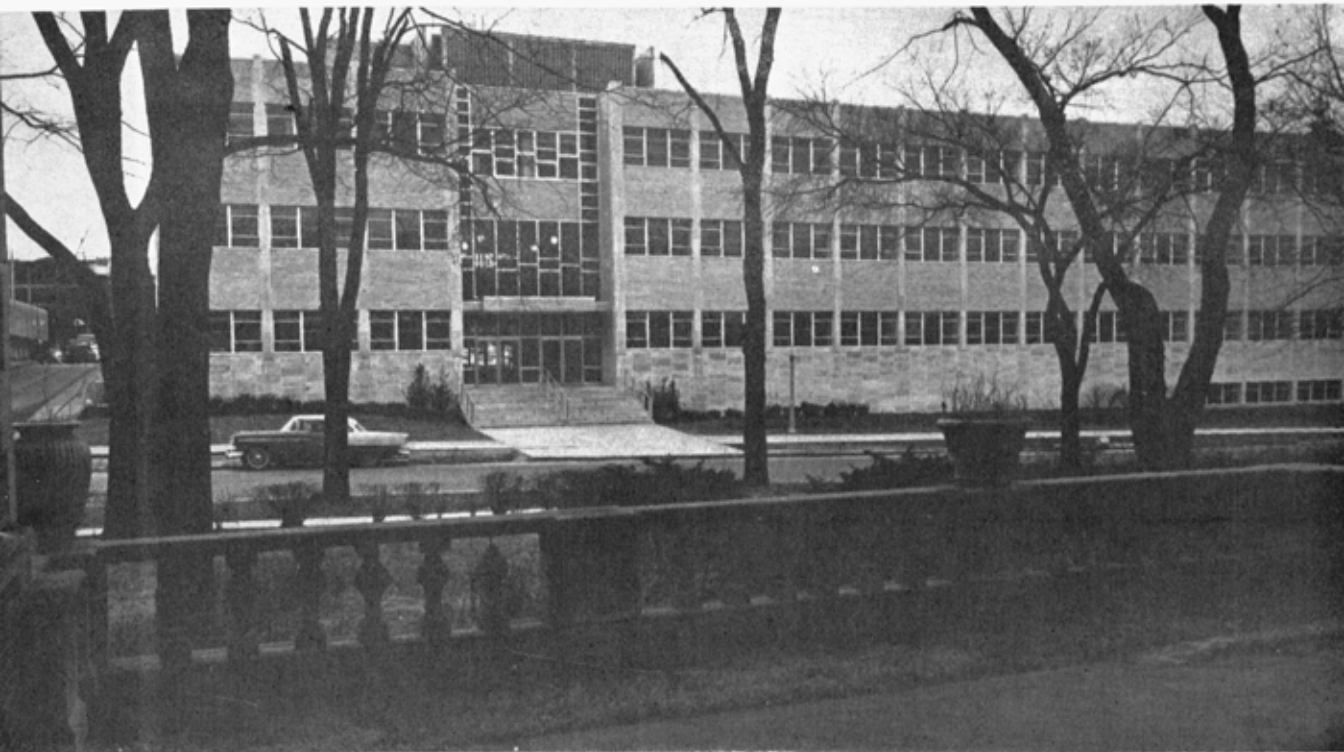
THE MISSOURI ALUMNUS is published monthly except July, August and January by the University of Missouri Alumni Association, 101 Read Hall, Columbia, Missouri and mailed to all active members in the Association. Entered as second class matter under the act of March 3, 1879. Active membership \$4.00 a year; life membership \$80. Member, American Alumni Council.

About the cover: This is the main entrance to the new Business and Public Administration building which faces on University Avenue between South Ninth and Hitt streets. Other views begin on the following page.



Dean William L. Bradshaw, in his attractive office on first floor of the \$1,500,000 building. Faculty and administrative staff occupied their quarters in December.

B & PA School's fine new home



The 230-foot front of the new School of Business and Public Administration, as viewed from the north side of University Avenue. The building has 28 classrooms of various types; offices are in the east wing.

Now comfortably settled in its modern new quarters, the University's School of Business and Public Administration has written a bright chapter to a rags to riches story that has dragged on for perilous decades. After years of living in comparative squalor and shuttling about the campus for space to hold classes, the School is finally housed under one roof and for the first time has a place of its own to call home. This it can do proudly.

Home is the large gleaming structure on University Avenue, between South Ninth and Hitt streets, about a block from the old homestead on Francis Quadrangle. It was completed last fall at a cost of \$1,500,000, made available by the State Bond Issue.

Already the School's new classrooms and auditorium are being utilized daily by a number of classes not connected with the B & P A curriculum. The functional structure embodies the most modern features practical for office, classroom and laboratory use. Many of its features can only be described as spectacular when compared with their counterparts (where any existed) in the old building.

Dean William L. Bradshaw has noted that from the standpoint of morale, the attractive new surroundings have had an appreciable effect on both faculty and students.

"We never had a place where we could accommodate students and staff," he said. "Now we have adequate quarters, modern and bright. We have fine classrooms well equipped, with facilities to do a better educational job than we have ever been able to do before. We have something to be proud of."

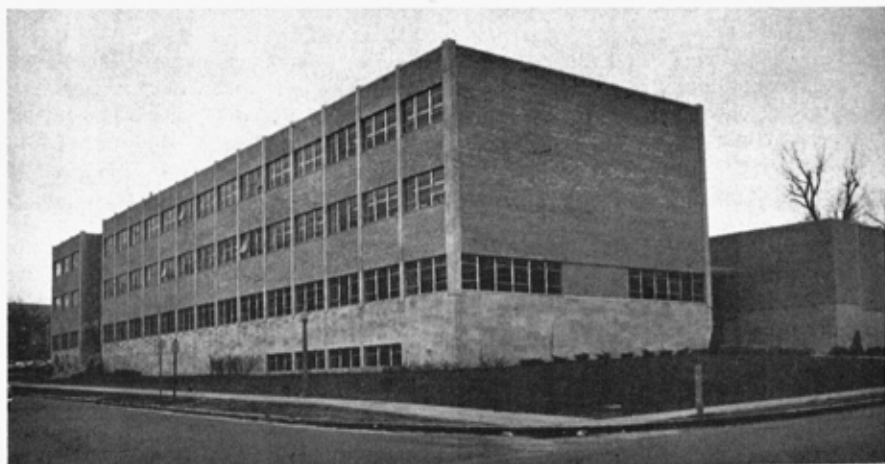
Roughly, the first floor is devoted largely to political science classes, the second to economics and business, and the third to accounting. Classroom equipment differs for each. Desks in the first floor classrooms are like those pictured on page four; the second floor classrooms are referred to as "horseshoe" rooms because of seating arrangements designed for case courses and discussion sessions; and on the third floor are long tables for accounting students.

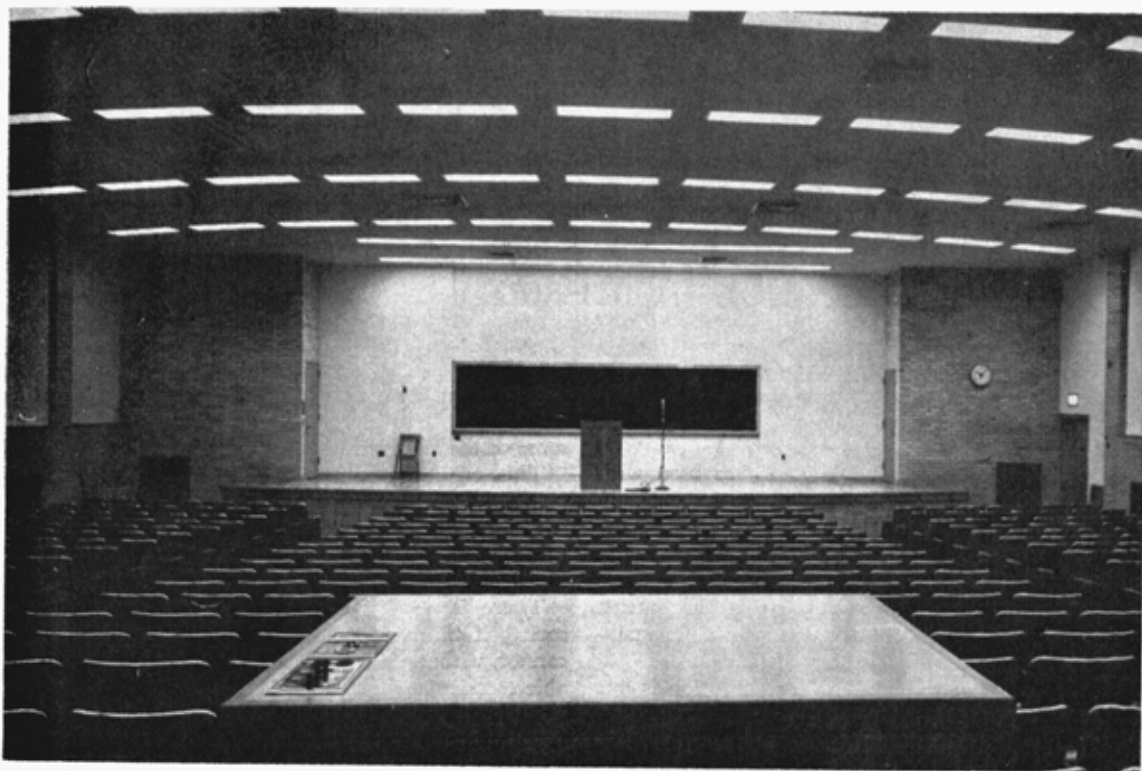
Space on the ground floor has been allotted to the University School of Social Work. Quarters are also provided there for an electronic computer center. Office suites are provided on upper floors for the University's Bureau of Government Research and the Bureau of Business and Economic Research, both administered by the School.

The new building, its exterior walls of Missouri gray brick and cut limestone, has three floors above the ground floor. The 230-foot front is set back far enough for landscaped lawns. It is a U-shaped



Entrance on University avenue is one of the most attractive on the campus. All classrooms are equipped with the latest, modern furniture. Below, the B & P A Building as seen from South Ninth Street; the smaller building at right is the auditorium which gets heavy use.





The 500-seat auditorium, used five or six hours daily and often at night for campus events. It forms wing on west side, with entrance on South Ninth.

structure approximately 156 feet deep; wings extend south at each end, one of them being the 500-seat auditorium. The auditorium is connected with the main building by a vestibule forming one of the three main entrances. There are three other lecture rooms with sloping floors and with projector cabinets similar to the one in the auditorium.

Several of the classrooms on the second floor are equipped with continuous U-shaped tables for seminar-type classes; in two of these the outer row of tables is elevated to give every student an unobstructed view of the instructor and blackboard.

The entire east wing of the building is used for offices of faculty and staff, and for the dean and his administrative aids. The dean's office suite includes a reception room, a room for his administrative assistant, and a conference room. An adjoining suite provides space for the placement officer and interview rooms. Everywhere the lighting is excellent in the many-windowed building.

Each department chairman has a two-room office. Other faculty members have private offices. Graduate students serving as assistant instructors have office space where a number of desks are arranged; students have already dubbed this "the bull pen."

At the west end of the first floor is a study hall. Adjoining it will be a student lounge, for which furnishings are being obtained. There are nearly 700 students enrolled in the School.

One of the many facilities in the new building welcomed by faculty members is the conference room. In the old building, conferences had to be held in the basement under adverse conditions. One faculty member, showing a visitor around the new building, said the change was "like moving from the slums to Fifth Avenue."

The School had occupied the old building, once the Law Barn, in 1928 after moving from its section of Swallow Hall. It waited a long time for a home of its own, but the home it has now was worth waiting for.

The support of higher education in Missouri



Following are excerpts from an address by Dr. Elmer Ellis, President of the University of Missouri:

The problem of growing numbers has been with us a long time. We doubled our enrollments in higher education in the United States in the past 20 years. It only became more acute with the rise of Soviet competition and the great expansion of our birth rate beginning after 1940. It seems clear that enrollments will have to double in the next ten years if we maintain our present position in the world.

The problem of financing higher education is one of the great problems before the American public today. The enormous expansion of higher education since the war has spotlighted as never before the problem of paying the cost of this increasingly essential function.

* * *

One aspect of the controversy of financing higher education in the future is the question of *who* is going to pay the bill. In some quarters we have had a rash of suggestions that the parents should pay the whole bill or most of it.

The principles of public higher education were founded on the same philosophy as the public high school—to give everyone qualified the chance for education, regardless of his financial standing or that of his family. It was, and is, part of our democratic philosophy that education should be *available* to all because education is *valuable* to all. Anyone who attacks this theory at the college level also attacks it at the elementary and high school levels, because there is no difference in principle.

* * *

It is clear that as inflation has gone on, salaries of five, six and seven thousand dollars a year do not leave much margin, without great family sacrifice, to pay the charges of board and room, books and supplies, and transportation, in addition to fees or tuition charges. As our new families are coming up with sev-

eral children in a relatively short age span, any increase in college costs means almost invariably that some of the children must stay out of college.

This strikes immediately at one of the fundamental principles of equality in education. The public institutions were established to prevent this sort of thing happening, because a democratic philosophy is based above all else on equality of opportunity.

There is no real equality of opportunity in our society if children of families who have low incomes cannot, without extraordinary exertion and unreasonable sacrifice, secure as good an education as children from families of great wealth. Let us turn it around for a moment and look at it from the other side. The Ivy League of eastern private universities is a group of prestige institutions. They educate the children of many of the wealthy families and, through scholarship programs, a number of exceptional students from less wealthy families. Do any of these institutions charge the full cost of education to their students? Even those students who come from families of the very highest incomes in the country do not pay anything near the cost of their education. Who pays the rest of it?

Actually for the most part it is paid by the same taxpayer who supports the public institution. The money is raised from various funds and contributions that are tax deductible, in some cases as high as 90%, which deduction increases the tax rate of every other taxpayer in the country.

* * *

The system in both public and private institutions of keeping tuition as low as possible, considering other sources of income, and devoting some of their resources and a great many private gifts to assisting students who cannot pay the charges, is historically what seems to meet American needs. We do not have enough of this sort of money, of course, and, speaking for the University of Missouri, we could use large additions to our loan and scholarship funds and ad-

ditional part-time jobs in order to meet the needs of our students.

* * *

Those who work in universities have cause to wonder what these advocates of full cost charges to students know about the actual cost of higher education. Every university man knows that if you charge medical students full cost there would soon be no MDs because none could afford it. Likewise there would be no social workers, no teachers, and no graduate students at all, except perhaps those who carry a course or two while employed full time in order to earn that cost as well as a living.

* * *

In our free society with its admirable system of public and private institutions, there are only three sources aside from churches from which the funds can come for states to finance higher education. One of these is direct taxes in appropriations, invidiously called "subsidies" in some quarters. Another is individual and corporation gifts and grants which are deductible from taxes in state and federal systems. The third is student fees.

So far as Missouri is concerned this situation is more simple than it is in most states, because, of these three sources of funds, appropriations, tax deductible gifts, and student fees, the only source from which Missouri meets the national norms or the average of other states is student fees. In our public and private institutions we charge as high fees as do universities and colleges in other states. We lag behind somewhat in gifts and grants and we lag behind in tax support in a degree that is shameful.

With this situation in the United States, and being as laggard as we are in state taxes, it is quite amaz-

ing that anyone in Missouri would urge that we solve our problem by increasing our income from the *one* source where we now meet the national norms and by decreasing further that source of income that is already a blight upon the state's good name.

* * *

One of the side issues on this controversy that uninformed people sometimes believe is that it costs the taxpayers of our state large sums of money to educate students who come from other states.

In our state we profit tremendously by the in-state and out-state migration of college students, because for every two students that come to Missouri to attend a public college or university, three go out of state to attend a public institution. The reasons for this are clearly evident if you examine the geography of the state university and college locations. This is added to the fact that we do not at the University of Missouri supply all the professional schools or all the graduate work that more completely developed universities such as Illinois and Wisconsin provide.

* * *

Missouri is one of the most backward states in this region in higher education measured either by the percentage of our young people of college age in college or by the percentage of college graduates in the adult population.

Any significant increase in the fees for either public institutions or the private ones in Missouri, regardless of any other measure, would increase that differential still more.

* * *

The complete text of President Ellis' address, which was delivered before an alumni meeting at St. Louis in December, has been prepared in brochure form. Copies available upon request from the Alumni Office, 101 Read Hall, Columbia, Mo.



Missouri Band Shows Winning Ways

Photos by Kirk Rosenhan





The University of Missouri Band, allotted five minutes for its performance between halves of the Orange Bowl game, made every second count.

In a succession of interesting formations and tuneful melodies, the Band quickly won the admiration of the spectators and a national television audience. It was another in a series of triumphs for "Marching Mizzou," a quality performance of precision and musicianship by its 165 members.

Missouri fans in the stands thrilled to the colorful show, and those who saw it on television were equally impressed. Prof. Charles L. Emmons, the director, and Russell L. Hills, assistant director, have had congratulatory messages from all parts of the country. Numerous alumni wrote of their pride in the performance. On two occasions Director Emmons received a standing ovation at a State Music Educators meeting.

Into the five-minute show went 17 hours of intensive drills over a three-day period after the Band

reached Miami. Only one of the routines had been used before; the others were learned after the arrival. Topping off two six-hour drills and one five-hour session, the Band marched in the parade through downtown Miami the night before the game. "Marching Mizzou" presented a sharp appearance on that occasion, too, although the three-mile march brought on an epidemic of foot blisters, along with a few cases of fallen arches and muscle strain.

The Band also makes an excellent impression even when it is not performing. Adults who were passengers on the special train that took the Band (including twelve baton twirlers) to Florida were high in their praise of the orderly behavior of the group. Most impressive are the discipline and *esprit de corps*. On the train, in the two hotels where they stayed in Miami, wherever they went, the bandmen drew favorable comments. The University of Missouri Band is a strong and loyal organization, with intense pride. It reflects credit on the University and the state.



Columbia Missourian photos by Mike Andersen

New Year's Day was warm and sunny in Miami as the Missouri team came onto the Orange Bowl field to meet Georgia before 75,280 fans. Missouri's cheerleaders form a corridor for the Tigers, led here by Russell Sloan.

'A ton of base hits but no runs'

At the appointed hour Missouri's underdog Tigers appeared in Miami's Orange Bowl on New Year's Day, in uniform and ready to play Georgia's Bulldogs. If you had been reading the Miami sports pages all week you would have put this down either as rank effrontery or a resigned gesture to make the best of a hopeless situation. For, the way the experts had matters analyzed, the encounter bore the earmarks of a mis-match, the outcome would be lopsided in favor of Georgia, and it was rather foolish to go through with the arrangement, except for the half-time show.

This view did not keep 75,280 persons from showing up to form the third largest crowd in the Orange Bowl's 26-year history. They sat in 76-degree temperature under bright skies and saw a contest that was much closer than they had been led to expect.

The oddsmakers, as usual, had a practical outlook. They foresaw Georgia winning by twelve points, and thus almost hit it on the head. The 14 to 0 score by which Missouri lost does not begin to tell the story of this game between the Southeastern champ Bulldogs, the nation's No. 5 team with a 9-1 season record, and the Tigers, ranked No. 19 with a 6-4 record and second place in the Big Eight.

On this particular day the Missourians revealed something of a split personality. Between the 15-yard stripes they looked like champions; inside the 15,

they were fumbling, penalty-ridden, and frustrated. Georgia, on the other hand, showed professional skill in executing two perfect pass plays of 29 and 33 yards for its two touchdowns, but never got that close again and had its hands full coping with the Tigers.

Those were the only two occasions when the Missouri pass defense broke down to allow any damage, and both scoring plays were engineered by Francis Tarkenton, Georgia's junior quarterback. The first score came with only 14 seconds left in the opening quarter; Tarkenton was rushed badly by a trio of Tigers but he slammed on the brakes just before he reached the sideline and heaved a 29-yard pass to Bill McKenney on the eight, who went over. Georgia's second counter came early in the third quarter after Tarkenton accounted for 63 of 71 yards on three successive passes, the last one going 33 yards down the middle to Aaron Box. Durwood Pennington kicked both extra points and that was the day's scoring.

Three times the Tigers seemingly had good chances to score. Twice they reached the 10 and once the 15, but something went haywire each time. Early in the second quarter Norm Beal returned a kickoff 35 yards to the 39. With Bob Haas, Beal, Donnie Smith and Mel West running well, the Tigers reached the Georgia 30 in five plays. Smith left-handed a running pass intended for end Tom Carpenter. When defender Bobby Towns went up with Carpenter on

the 17, the ball bounced off Carpenter's helmet and was snared by tackle Ed Blaine who took it to the 22. West, who made 34 of his 37 yards in the first half, turned right end to the 16 and Smith got another yard. Trying to run left end, Smith was thrown for a two-yard loss by end Gordon Kelley, a key defensive play. The bench called on West for a field goal try but the boot was low and wide, ending the Tigers' first threat.

Four minutes before halftime, the Tigers started at their 14 and hammered downfield as Phil Snowden hit Smith for 20 yards and pitched to end Russ Sloan for 12 and 29-yard gains. On the latter play Sloan almost went all the way after catching the ball at the 20, but Bobby Walden, Georgia's great kicker, got an ankle and cut Sloan down on the 10. On the next play West tried a pass, but the Tigers had a lineman downfield and the penalty put the ball back on the 25. Snowden passed to West for 11 yards to the 14, but a third-down Snowden pitch was intercepted on the goal line by Georgia quarterback Charley Britt, a demon safety man all day, and returned to the 10 with 10 seconds left. End of threat No. 2.

Again, late in the third quarter, Snowden intercepted a Bulldog pass hurled from the 33; he caught it at the 5 and got to the eight. Eighty-two yards the Tigers traveled, but once more they were halted at the 10. On the first play of the last quarter, Snowden shot a quickie pass to Sloan, who lateralled off to West for a 28-yard gain to the 36. Snowden's 11-yard pass to Smith and a personal foul penalty on Georgia took Missouri to the Bulldog 36 where Smith got 13 yards in three rushes. From the 23 Snowden hit Carpenter for eight and a penalty against Georgia made it first down on the 10. However, on the first down, Snowden pitched back wildly and Smith had to ac-

cept a 13-yard loss. The Tigers gained back 10 yards in three tries, but had to surrender the ball on the 13 and so threat No. 3 fizzled out.

The Tigers appeared to still have a chance for a save-face score as Beal ran a punt return back 44 yards to the Georgia 48 where Britt made a "last man" tackle to keep Beal from going all the way. Haas passed 15 yards to Carpenter, and his next aerial was intercepted at the 25. In the last seconds, Tiger center Bill McCartney intercepted a Britt toss and ran eight yards to the Bulldog 39, but time ran out before another play could start.

Although the Tigers have yet to win a bowl game—they have lost in all six appearances—they made a commendable showing in this one and actually dominated in several departments. They turned in their best work of the year in pass completions and in punt returns. Snowden had one of his best days, connecting on 11 of 17 passes for a total of 152 yards. Sloan gathered in six tosses for 73 yards. West averaged 4.1 yards per carry on nine tries. Beal's kick returns helped to offset somewhat the advantage Georgia had in Walden's spectacular punting.

Statistics, it is said, are for losers, and Tiger followers could find some solace in that field. Missouri was ahead in first downs 17 to 14; in passing yardage 180 yards to 128; in pass completions, 14 out of 24 attempts to Georgia's 9 (all by Tarkenton) of 21 attempts; and in total offense, 260 yards to 216. Unfortunately, Missouri suffered more in penalties—72 yards to 44, lost three fumbles to Georgia's one, and lost the ball by interceptions three times to the Bulldogs' two. In rushing yardage, Georgia wound up with an eight-yard advantage, 88 to 80, after both teams lost 42 yards on the ground. In punting, each team kicked seven times; Walden, the nation's No. 1 punter in 1958, averaged 46.9 yards (one of

Donnie Smith hurdles to a gain in the Orange Bowl classic before red-shirted Georgia defenders close in. Neither team got much on the ground (80 yards for Missouri, 88 for Georgia), but the Tigers gained 180 yards by air to 128 by Bulldogs.



his kicks went 68 yards) for an Orange Bowl record. Haas averaged 38.7 on his punts for Missouri.

When it was over, Georgia Head Coach Wally Butts told the press: "We didn't play our best game. Our morale was not good. It definitely was our worst game of the year. Missouri played a great game. They did a better job getting ready. I thought the Missouri boys were playing for keeps. Our tackling was good at times, but our open field tackling was very poor. The boys did a good job, considering all the stories in the newspapers and the big build-up."

Missouri Head Coach Dan Devine said: "We came down to win, but the best team won. We planned to rush the passer, and the two touchdowns they got were when their passer got away from our rushing. Georgia is an excellent, all-round football team."

Virtually all wire accounts of the game took note of Missouri's unexpected showing. One, by the Associated Press, was more generous than some others: "The Tigers ran and tackled with such fierce abandon that not until the final quarter could Georgia feel sure it would win. . . . Not even Georgia's far greater depth in manpower made any difference. Expected to wilt in the last half as the Bulldogs alternated their two equally potent teams, the Tigers in-

stead were more ferocious at the end than when they started. . . . The bombs of Tarkenton were all that would work against a fiercely fighting Missouri team that more than salvaged the pride of the Big Eight Conference."

Along the same line, Whitey Kelley wrote in the Charlotte Observer: "The Tigers fought the favored Bulldogs to a standstill on the ground but had no answer to Tarkenton's throwing skill. His ability to nail receivers on long strikes was a thing of beauty."

Bob Broeg reported to the St. Louis Post-Dispatch: "Because Georgia scored from far out and Missouri couldn't score from close in, the champions of the Southeastern Conference were football kingpins of this winter wonderland today. They won't remember this game as among the most exciting, but it offered closer competition than either the score would indicate or most people expected."

Wally Provost, Omaha World-Herald: "Missouri lacked both poise and punch when in scoring position. And it lacked the remedy for the pro-type passing of Quarterback Fran Tarkenton."

Perhaps Volney Meece of the Daily Oklahoman made the most succinct observation when he reported: "Missouri got a ton of base hits but no runs."

At the end of the game, things didn't seem too bad for Missouri even in defeat, if you overlook Skip Snyder's glum expression, at extreme right. Otherwise, Bill Brinkman is sought out by a young fan, two Tiger cheerleaders manage a smile, and Bob Haas and Charley Britt (17) exchange pats as Phil Snowden looks on.



Another promotion for O. M. Scott

Orland M. Scott, '44, a division general manager of International Business Machines Corporation, has been promoted to the new position of divisional president. He is now president of the General Products Division, which manufactures intermediate and small computing systems and punched card accounting machines.

Mr. Scott has been associated with IBM since 1938 when he joined the company as a sales representative in St. Louis. He later held branch manager posts in Terre Haute and Fort Wayne, Ind., and in 1952 was promoted to district sales manager with headquarters in Cincinnati. He was named accounting machine sales manager at IBM headquarters in 1953, and three years later became general sales manager for accounting machines. In 1957 Mr. Scott was elected president of the Service Bureau Corporation, an IBM subsidiary. He held that post until he was named general manager of the General Products Division last May. In 1957 Mr. Scott was honored on the University campus when he received the Citation of Merit from the B & P A School and the University Alumni Association.



Orland M. Scott, '44



Dale Miller

Bridge named for Miller

A bridge spanning the Intercoastal Canal cutoff channel on the Port Aransas (Texas) Causeway has been named the Dale Miller Bridge, in honor of a 1930 graduate of the University's School of Journalism. He is Alfred Dale Miller, executive vice-president of the Inter-coastal Canal Association of Louisiana and Texas, with offices in the Mayflower Hotel in Washington, D. C. The dedication ceremony was a highlight of the 54th annual convention of the association, which was held in Corpus Christi in September.

The bridge, constructed through the joint efforts of Federal, state and local governments, was named in Miller's honor in response to a resolution passed by the Aransas Pass City Council. The resolution cited Miller for his efforts in securing federal appropriations of more than three million dollars for the cutoff channel route that is now more than half complete, and for other work as executive vice-president of the canal association in securing improvements to waterways in the Corpus Christi area. The 2,096-foot bridge over the channel is the largest of four on the causeway.

Miller is a member of the University Alumni Association, Sigma Delta Chi, Kappa Tau Alpha, and Alpha Delta Sigma.

Jung heads Pakistan program

Chris W. Jung, A.M. '42, Missouri-born-and-trained educator, will head for Indiana University a new three-year \$552,000 teacher training program in Pakistan. Professor of education and summer sessions director at the Hoosier state university, Jung is a native of Higginsville and a graduate of Central Missouri State College. He is a former teacher and school administrator in Peculiar, Latour, and Warrensburg.

The project for which Prof. Jung will be chief of party in Pakistan is being financed by the U. S. International Cooperation Administration as part of its technical assistance programs. It will establish and provide graduate training for teachers at the new college of education of the University of Punjab.

To accept the new assignment Prof. Jung has been given a two-year leave of absence from the University's School of Education where he has been a member of the faculty since 1949. He also has resigned as Indiana state P.T.A. president and Indiana chairman of the North Central Association of Colleges and Secondary Schools.

Dedication of the Margaret McCall Pool was held on October 12 at Alabama College, Montevallo, Ala. The pool is named in memory of the late Margaret McCall, for years director of the department of health, physical education and recreation at Alabama College. She had also taught at Baylor University. Formerly of Laddonia, Mo., Dr. McCall was a leukemia victim in May, 1958. She received two degrees from the University, a B.S. in Ed. in 1929 and A.M. in 1931. She was awarded the Ed.D. from New York University in 1942. Dr. McCall was the 1952 recipient of the Honor Award of the Southern District of the American Association for Health, Physical Education and Recreation.



Elmer Lower

No leisure for Lower

Elmer W. Lower barely had time to move into his office and meet his staff at NBC News, Washington, before he was caught up in two history-making events—President Eisenhower's trip to Europe and Premier Khrushchev's visit to the United States.

Lower had no sooner checked in as NBC's newly appointed Washington Manager of News and Special Events last Summer than he was off to London to supervise the network's coverage of the President on his diplomatic mission to West Germany, Great Britain and France.

Two weeks later he was back in the NBC control room in Washington as producer of the special program covering Premier Khrushchev's arrival in this country. The telecast, using 19 remote cameras and a mobile unit, was fed to the other networks and was widely commended for its fast-paced precision.

In the next 13 days, Lower produced four more Khrushchev specials, including NBC's exclusive colorcast of the Premier's farewell address. Khrushchev threw the production into a minor flap when he showed up in a dark suit, white shirt and light tie, then refused any makeup to tone down the gleam of his bald head.

Lower has learned to take large events and small problems in stride during 26 years of news work for an array of mass media which includes two newspapers, three wire services, two national magazines and two major networks. Between news assignments he has served in foreign posts with two U. S. propaganda agencies.

Lower got his start in 1933 as a reporter with the Louisville (Ky.) Herald-Post and the Flint (Mich.) Journal. He joined United Press as bureau chief first in Jefferson City, Mo., then in Cleveland, where he covered the first of the sit-down strikes, and moved on to become overnight editor in Washington.

In 1937, as the new age of pictorial journalism got underway, he was signed by NEA to write its new rotogravure service, and in 1938 was sent to Europe to cover the Munich crisis. He joined AP as photo assignment editor in Chicago in time to set up coverage of the Democratic convention in 1940, then was moved to New York to take over the AP assignment desk there.

Lower was recruited by Gen. William Donovan's propaganda agency in 1942, stayed with it when it became the Office of War Information and followed

the Allied forces through North Africa and up the Italian peninsula. From London he organized a network transmitting radiophotos to 12 European and African capitals outside the Nazi orbit.

He was signed by Life magazine in 1944 to reopen its bureau in newly-liberated Paris, where he engineered such exclusives as the first picture story of the French Communist Party. Life brought him home in 1948 to become West Coast Editor, and 18 months later sent him abroad as roving correspondent in the Far East and as Time-Life anchor man in Tokyo during the early months of the Korean War.

He was named U. S. information chief in Germany in 1951, supervising the biggest propaganda effort the U. S. has ever made in a single country. With a staff of 1,700 and a budget of \$10,000,000 a year, he operated a radio station, newspapers, a monthly magazine, a nation-wide news service and units for film production, exhibitions and publications.

He joined CBS Television as Director of News and Public Affairs in Washington in 1953, and in 1954 was named Director of Special Projects in New York, which included assignments as general manager of election coverage in 1954, 1956 and 1958. He was appointed Director of Operations in 1958, a job that added supervision of film production and sports to his other activities.

Lower is a graduate of the School of Journalism of the University of Missouri and has received the Award for Distinguished Service to Journalism presented by the University. He recently completed a year of graduate study for his M.A. in public law and government at Columbia University as a Fellow of the Fund for Adult Education.

On his foreign assignments, he has often been accompanied by his wife, the former Gilberta Stengle, and his two sons, Louis Gordon, 14, and John Wilson, 11, both of whom have shown a flair for languages. During a stay in Siam, when John was only 18 months, the boy learned Siamese from his nurse before he could speak English. He communicated with his parents through an interpreter—his brother Louis.

Max E. Femmer, formerly Associate Director of Research for the International Business Machines Corporation at the Lamb Estate Research Laboratory, Cortlandt, N. Y., has been appointed Manager, Engineering Plans, on the staff of the Vice-president—Research and Engineering, in the Corporation offices at 590 Madison Avenue, New York City. Femmer, who received a B.S. degree in Electrical Engineering in 1943, joined IBM in 1946 as a laboratory engineer and has had a steady series of promotions in various engineering programs. He was in the Army for three years after his graduation. Femmer is a senior member of the Institute of Radio Engineers, a regular member of the Association for Computing Machinery and Eta Kappa Nu, and a life member of Tau Beta Pi. He is married and has a son and daughter. The family lives at 27 Valley View, Chappaqua, N. Y.

Earl Schooley to N. Y.

C. Earl Schooley, veteran Bell System official, has left Indiana Bell to accept an appointment as assistant vice-president of the American Telephone and Telegraph Company in New York. He assumed his duties on December 1. Schooley had gone from New York to Indianapolis early in 1958 with his election as vice-president and a director of Indiana Bell. He previously was director of customer products planning for A. T. & T. and had been that company's assistant chief engineer.

Schooley began his Bell System career 32 years ago with the long lines department in Missouri and later was chief engineer of the Southern Bell Telephone and Telegraph Company. He holds an engineering degree from the University and is one of the strongest boosters for the Class of 1928.



Dr. O. E. Reed, '08, left, and H. L. Shrader '14, took off from Washington November 27 for New Delhi, India. They are among a group of specialists representing the U. S. Department of Agriculture at the first World Agricultural Fair. Dr. Reed was for many years chief of the Bureau of Dairy Industry and was director of livestock research in the Department when he retired in 1955. Mr. Shrader retired last year as poultry specialist for the Extension Service in Washington. They will be in India for the duration of the fair, and will have circled the globe when they return in the early spring. They were photographed at the November meeting of Washington Alumni. Harold C. Bryson '40, Area Information Officer, Agricultural Marketing Service, USDA, stationed at Dallas, Texas, will handle communications at the fair.

Cauley speaks in capital

John Cauley (B.J. '32), chief of the Washington Bureau of the Kansas City Star, and Stewart Hensley (B.J. '34) of the United Press International, gave first-hand reports of two historical trips at the November meeting of the Washington, D. C., Alumni Association.

Cauley accompanied Vice-President Nixon to Russia last summer and Hensley was one of the newsmen assigned to cover Chairman Khrushchev's U. S. tour. In brief speeches, touching particularly on the highlights of the two trips, they gave their impressions of Khrushchev the man and Khrushchev the head-of-state. They submitted to several minutes of lively questions, which revolved around the effect of the two visits on US-USSR relations.

Dean Henry Bent, on a year's leave of absence from the Graduate School and now with the Office of Education, Department of Health, Education, and Welfare, was present.

President William L. Browne presided and introduced the speakers. Arrangements for the meeting were made by Herschel Schooley, B.J., '25.

The Bonneville Power Administration has granted a meritorious performance award to Mrs. June Lockwood Fredericks, 6122 N. E. 9th Street, Portland, Ore., "for sustained superior performance of duties," according to William A. Pearl, administrator of the Department of the Interior agency. She was cited for making "noteworthy contributions" to the program of the agency which markets electric power in four northwestern states. The administrator said the recognition is granted only to employes of exceptional merit, and is also supplemented by a monetary award. Mrs. Fredericks received a B.S. in Education from the University in 1930.

Ray E. Klinginsmith of Unionville, Mo., has been awarded a Rotary Foundation Fellowship for study abroad during the 1960-61 academic year.

One of 121 outstanding graduate students from 27 countries to receive this honor, Klinginsmith will study sociology, in preparation for a teaching career at the university level, at one of the major universities in Africa. He was graduated from the University with a Business Administration degree in 1959. He is currently employed as the assistant manager of a retail appliance store in Unionville.

At the University, Klinginsmith was a member of Alpha Kappa Psi, commerce fraternity; Phi Eta Sigma, freshman honor society; Alpha Pi Zeta, social science honorary; the Inter-Fraternity Council, and the Society for the Advancement of Management. He won the Chicago Tribune Gold Medal Award for performance in the Reserve Officers Training Corps.

Current officers of the Fort Worth Alumni Club are: President, Frank Abt, B.J. '49, 5408 Wheaton Drive; Vice-President, John Park, B.S. in B.A. '32, 2136 Pembroke Drive; Secretary, Fran (Mrs. Donald L.) Carlson, '48, 3928 Mattison Avenue; and Treasurer, Bob Ellis, B.S. in Agr. '49, 5105 Cockerell Avenue.

Lecture series honors donor

An annual series of lectures on ethics has been established at the University in honor of the late Paul Anthony Brick of Buffalo, Mo., who bequeathed an estate to the University for this purpose. Dr. John H. Longwell, acting president while President Ellis is in India, said the first lectures under the provision will be given here next March 23 and 24 by Dr. Herbert W. Schneider, director of the Blaisdell Institute for Advanced Study in World Cultures and Religion and a former professor of philosophy and religion at Columbia University.

Dr. Schneider's lecture series will be on the general theme of "Morals for Mankind," Dr. Longwell said, and will include one general University Assembly Lecture and two evening lectures. They will be open to the public.

Mr. Brick bequeathed the residue of his estate, after some specific bequests, to the University to finance lectures "to advance the science of ethics." Dr. A. C. Benjamin, chairman of the University committee administering the series, said the lectures will be designed for a general audience, but will be authoritative and scholarly in content, and given by men who have an established reputation for competence in the field. The lectures will be published by the University.

Paul Anthony Brick was not a native Missourian, but he spent his late years as a resident of Buffalo. According to his attorney, Mr. Brick left the residue of his estate to the University "for the sole reason that he loved the State of Missouri and wanted his money to go for educational purposes."

He had attended the University of Nebraska, majoring in chemistry, and later spent many years as a foreign representative of the International Harvester Company.

New 'Teaching Speech' edition

The third edition of "Teaching Speech," by Dr. Loren D. Reid, professor of speech at the University, published last month by Artcraft Press, Columbia, has been completely reorganized, re-written, and reset. It places special emphasis on college and university teaching, although it still retains basic material and techniques making it a valuable text for teaching in high schools.

Previous editions were published by Artcraft Press in 1952 and 1956. They were used in about 150 colleges and universities as textbooks in courses in the teaching of speech. Dr. Reid said much new material included in the new edition gives attention to the fact the book is used by teachers of subjects other than speech or drama in learning to use techniques of speaking, or discussion, in their special fields.

The second edition of Dr. Reid's book was among

American books selected by a poll of speech teachers for presentation to the German Speech Association at its annual convention in Coburg, Germany.

This latest edition contains more than 400 pages and includes 19 chapters. Five appendices also include sentences for testing voice and articulation; a survey form for voice and articulation; a list of graduate departments of speech; a list of firms, publishers, and associations supplying materials and aids in the field; and a list of long and short plays suitable for high school and college production.

Dr. Reid has served on the teaching staff of the University of Missouri since 1935.

'Historic Missouri' popular

The attractive booklet, "Historic Missouri," compiled and published in August by the State Historical Society of Missouri, has created a heavy demand and is already in its second printing of 25,000 copies, according to Floyd C. Shoemaker, secretary.

The unprecedented demand is not surprising to many members of the faculty of the University who have praised the booklet and predict an increasing demand for it.

"Historic Missouri" is classified as "a brief pictorial narrative of our State." The volume has only 44 pages. Included in its contents are 88 illustrations, some of them half a page in size, depicting Missouri from the earliest Indian inhabitants up to the recently completed Harry S. Truman Library at Independence. And yet, in the relatively little space left for narrative, the reader finds the answer to almost every conceivable question on Missouri history.



Dr. Cecil Elder

Dr. Elder heads conference

Dr. Cecil Elder, chairman of the department of veterinary pathology at the University School of Veterinary Medicine, was elected president of the Conference of Research Workers in Animal Diseases at a recent meeting of the organization in Chicago. The Conference is composed of some 400 research workers in the United States, Canada, and Mexico, all of whom must be authors of published works in research to be eligible for membership. Dr. Elder was vice-president of the conference during the past year, and previously served four years on the executive council.

Peden edits story collection

Dr. William H. Peden, professor of English and director of the University Press at the University of Missouri, is editor of a new collection of short stories, titled "29 Stories," published in January by Houghton Mifflin Company, Boston.

Both master and contemporary writers are represented in the collection, which is drawn from American, British, Irish, Scandinavian, Continental, and South African sources.

The stories are for the most part arranged chronologically and reflect the historical development of the short story type of fiction from Edgar Allan Poe to the present. In addition to Poe the writers of the nineteenth century include such authors as Nathaniel Hawthorne, Henry James, Anton Chekhov, and Stephen Crane. Among the more recent writers are V. S. Pritchett, William Faulkner, Ernest Hemingway, and Nadine Gordimer.

In an introductory essay, Dr. Peden examines the development and nature of the short story, analyzes fictional elements such as point of view, plot, and symbols, and suggests ways in which the student may gain the most from his reading. Brief biographical-critical notes and study questions follow each story.

Wrench Memorial Loan Fund

The Jesse E. Wrench Memorial Loan Fund in memory of the late Jesse E. Wrench, who taught history at the University for 42 years, has been established by the Board of Curators to make loans to student co-operatives officially recognized by the University. The fund was made possible by contributions totaling approximately \$2000 by friends and members of the family of Prof. Wrench.

Interest received from loans is to be added to the fund, and any part of the fund not on loan will be invested by the University. At such a time as the income from the fund shall reach \$100 annually, the University plans to consider establishing a scholarship in archaeology in memory of Prof. Wrench.

The fund will be administered through the office of Allan W. Purdy, director of Aids and Awards, at the direction of the Student Loan Committee of the University. Contributions are still being accepted through the Alumni Association office, 101 Read Hall, and the Aids and Awards office, 16 Jesse Hall.

The Curators of the University have approved contracts totaling \$717,891 for construction of a new Clinic Building for the School of Veterinary Medicine here. The clinic building will be a two-story structure with overall dimensions of approximately 204x270 feet and about 39,000 square feet of floor space. It will be located on the south side of Rollins Street at South William Street.



Col. Robert E. Hill

Col. Hill to M. U. staff

Col. Robert E. Hill, USMC, former head of the Naval ROTC at the University of Missouri and recently retired from the U. S. Marine Corps with the rank of brigadier general, has assumed his duties as Assistant to the Dean of Extra-divisional Administration at the University, taking over many of the administrative details handled through the office of Dean Thomas A. Brady.

Col. Hill was professor of naval science and chairman of the department of naval science at the University from 1951 until 1954. Following his tour of duty here, he was assigned to the Third Marine Division in Japan for a year, and has most recently served in the headquarters of the Navy's Department of the Pacific at San Francisco.

He was elevated to the rank of brigadier general and retired from active duty with the Marine Corps on Sept. 30, after which he made a trip around the world.

Col. Hill was born in Stuttgart, Ark., Sept. 14, 1907. After two years in the College of Engineering at the University of Arkansas, he was appointed to the U. S. Naval Academy, where he was graduated with a B.S. degree in 1930 and was commissioned a lieutenant in the Marine Corps.

Serving on active duty throughout World War II, with combat duty in the South Pacific, Col. Hill was assigned, in 1948, to the Marine Corps Headquarters in Washington, D. C., and served there for a three-year tour of duty, after which he was assigned to the University.

Speech group names Griffith

Dr. Bart L. Griffith, supervisor of instructional television at the University, was elected vice-chairman of the Radio Television Interest Group of the Speech Association of America during its recent national convention in Washington, D. C. This group represents 500 of the country's 800 teachers of radio and television. Dr. Griffith will set up the radio-television program for the next Association convention, to be held in St. Louis. He will be chairman of the interest group in 1961. He is assistant professor of speech.

class notes

83 STERLING PRICE REYNOLDS, C.E., chief engineer for the Upper St. Francis Levee District at Caruthersville, Mo., celebrated his 98th birthday in November by telling a group of dignitaries he intends to stick with his job "forever." He is celebrating his 59th year as Chief Engineer. In a recent ceremony honoring Mr. Reynolds, he was given an engraved brass nozzle from the old Mississippi steamer on which he was often a passenger.

89 WARREN R. WOODSON, BL, 166 Mantebello St., Chula Vista, Calif., writes: "At the age of eighty-two, my feet seldom itch to visit strange places, and I am content to live in my home town with people I already know. However, if I ever get ambitious enough to re-visit Columbia, which sixty years ago had a population of about six thousand, I may decide to see the old Columns, and a few of the buildings that I remember. I was one of the gang that on a rainy pitch dark night swiped the extension ladder from the power house, and used it to mount the Columns and place thereon dummies of the basket girl in bloomers, which contained a barrel full of excelsior, and a Freshie in a high chair. The eight janitors who finally found a way of removing those horrible figures in daylight had a tough job. Then I recall another night, when some enterprising chap had the inspiration to use a gallon of orange colored paint and another of black paint to change the hue of the cast-iron lions on top of the Administration building to tigers, after a football victory. But now I have grown up, and am through with such foolishness."

07 WILLIAM RANDOLPH BENSON, BS CE, Tau Beta Pi and Q.E.B.H. member, retired in 1955 after 28 years with the Missouri State Highway Dept., and was later employed by Sverdrup & Parcell for two and a half years. The Bensons recently celebrated their golden wedding anniversary at the home of their son and daughter-in-law in Ladue, Mo. The Bensons live at 106 W. Monroe Ave., Kirkwood 22, Mo.

EBEN L. TAYLOR, LLB, 4922 E. 32nd, Tulsa, Okla., is a District Judge.

08 Dr. OLLIE E. REED, BS Agr., MS '10, is in New Delhi, India, as a special representative of the U. S. at the World Agricultural Exposition. After the fair ends Feb. 14, Dr. Reed will fly on to Japan, Hawaii and San Francisco. There he will be joined by his wife, and they will visit their daughter in Palo Alto. Dr. Reed served as professor of dairying at Michigan State College, Kansas State College, and Purdue University, and as Chief of the Bureau of Dairy Industry at Washington, D. C. Later he was promoted to director of research in agriculture, from which he retired a few years ago. The Reeds live at 4927 30th Pl., N.W., Washington 8, D. C.

WALTER O'BANNON, Sr., BS CE, 2249 East 32nd St., Tulsa, Okla., is the owner of Walter O'Bannon Co., Tulsa, which supplies equipment for oil fields, and has representatives in seven states.

Mrs. Redmond S. Cole (MARY THOMPSON CROSS, BS Ed.), 1312 S. Owasso, Tulsa 20, Okla., sends news of her daughters: OLIVIA HARRIS COLE, AB '35, is Mrs. J. D. Cole, 1321 W. Broadway, Muskogee, Okla., and the mother of three children. VIRGINIA BEDFORD COLE, AB '42, is the wife of ROSS L. COLLINS, AB '40, LLB '42, who is a consul. The Collins' have four children. Their mailing address is Amcogen B.P. 817, Yaounde, Cameroun, Africa. Redmond S. Cole died last July 16.

14 ERNEST H. WIEGAND, BS Agr., was honored in September by the University of Oregon as a pioneer and outstanding contributor to food processing technology. In 1919 he organized the program in food technology at Oregon State, and headed the department for 32 years. Prof. Wiegand's pioneer experimental work on frozen fruits and vegetables has meant much to Oregon industry. His contributions are reflected in food processing plants throughout the nation. Prof. Wiegand's home address is 302 N. 29th St., Corvallis, Ore.

16 TRUMAN D. GLAZE, AB, BS Ed, AM '27, is a retired teacher, and a Boeing Aircraft inspector. He and Mrs. Glaze, the former GLADYS PENNINGTON, AB '12, BS '12, live at 1004 Litchfield, Wichita 3, Kans.

RENA JENKINS, BS Ed, has recently retired as state extension agent at the University. She had served Missouri homemakers since World War I. She worked in Montgomery and Greene counties, and in the '20's was assistant

4-H club state leader in the Columbia office. For 20 years she supervised home agents in S.W. Missouri, and from '38 to '45 supervised home agent work in 50 Missouri counties. Miss Jenkins was among extension workers given special recognition last Spring for outstanding work by Epsilon Sigma Phi, national honorary extension fraternity. Miss Jenkins' home is at 208 S. Garth, Columbia, Mo.

17 ROSS WARREN, BS Eng., former ROTC instructor at the University 1924-28, retired (as a Colonel) from the Army in 1952, after 35 years' service, and is now in business for himself as a transportation consultant in Corpus Christi, Tex. His home address is 402 Buccaneer Dr., Corpus Christi. Mrs. Warren is the former RUTH SPENCE, BS Ed. '18.

21 Dr. VIRGIL F. PAYNE, AM, professor of chemistry at Monmouth College, has recently been elected chairman for 1960 of the American Chemical Society's division of history of chemistry. He received his Ph.D. from the University of Kentucky in 1931; from '23 to '42 was in the department of chemistry at Transylvania College; joined the U. S. Army Research and Development Lab at Fort Monmouth, N. J., becoming chief chemist there in 1951. He held this position until his retirement in 1957, when he accepted the teaching position he now holds. His home address is 400 Atlantic Ave., Long Branch, N. J.

LOLA ANDERSON, BS Ed, BJ '27, AM '31, has a new job with the Florida Grower Press Publications. Her new address is Wilkist Apts., Apt. 20, 215 North Boulevard, Tampa, Fla. She was formerly on the copy desk of the Mobile Register.

22 Mrs. Carl I. Duncan, formerly MARGUERITE GREER, BS Ed, has two married sons and two grandchildren. She lives at 1636 S. College, Tulsa, Okla.

WALTER O. ESSMAN, AB, AM '23, 231 Hazel Blvd., Tulsa, Okla., is the senior partner in the firm of Essman & Gaaney, Tulsa.

Mrs. Hugh S. Chancey, formerly GRACE M. HENDON, BS Ed, 3747 E. 47th Pl., Tulsa, Okla., is president of the Portable Drilling Corp., has three daughters, Rosemary, Helen and Margaret, and eight grandchildren.

23 BENJAMIN M. LOEB, BS BA, 1300 Washington, St. Louis, Mo., has recently become a life member of the University Alumni Association.

25 LEON S. PICKENS, BJ, 621½ S. Vine, Wichita, Kans., is a deputy sheriff.

Dr. DAVID F. VOTAW, Sr., AM, has been named a regional coordinator for Project TALENT—the forthcoming national census of aptitudes and abilities of high school students, a project of the University of Pittsburgh, and supported by the U. S. office of education and other government agencies. Dr. and Mrs. Votaw (the former VIVIAN SNOW, '25) live at San Marcos, Texas, and their mailing address is Box 587.

Mrs. Albert M. Cole, formerly EMILY CORBIN, former student of '25, writes of the arrival of two granddaughters in November. Mr. Cole left government service last year and is working with Reynolds Metals. They live at 2700 Wisconsin Ave., Washington 7, D. C.

26 Dr. EUNICE JOHNS, BS Ed, superintendent of secondary social studies of the Wilmington (Del.) public schools, was elected president of the National Council for the Social Studies. She received her master's degree from Columbia U., and a doctor's degree at N.Y.U. She was co-author of an American History map series with Dr. James Quillen of Stanford. Dr. Johns lives at 2801 N. Franklin St., Wilmington 2, Del.

I. J. ENGLISH, AB, for 28 years in India with Standard-Vacuum Oil Co., is now in New York City with Standard-Vacuum at 1850 Lincoln Bldg., 60 E. 42nd St., and lives at 40 E. 78th St., Apt. 16e, New York 21.

WALLY EASTER, BS BA, is an associate realtor with Adams & Leonard, Tulsa. His home address is 2626 S. Evans-ton, Tulsa, Okla.

27 NELL TERRILL BURTON, AB, BS Ed '36, AM '36, lives at 9 W. 9th St., Apt. 527, Tulsa, Okla.

CARL F. CANNON, BS BA, 6 Drury Lane, Wichita 7, Kan., is president of Realty Maintenance, Inc.

STEPHEN G. PRICE, former student, is president of Naegele Outdoor Advertising Co. He and Mrs. Price and their two daughters live at 904 St. James Pl., Wichita, Kan. Stephanie is 20 and a senior in M.U. Journalism School; Pamela, 16, is a junior in high school, and plans to come to M.U. in 1961.

MILES A. ELLIFF, AM, is superintendent of the Rain and Hart Insurance Bureau, and lives at 432 Fabrique, Wichita, Kan.

JACKIE AGNEW West, EJ, has been elected a vice-president of Cunningham & Walsh, Inc. Advertising Agency, 360



Jackie Agnew West, '27

Madison Ave., New York City. Mrs. West, an associate creative director, joined the agency in 1958. She is also copy group head on the Andrew Jergens account.

28 Col. EDWARD F. THELEN, BS Ed, AM '33, has been appointed deputy chief of staff or administration of First U. S. Army Headquarters at Governors Island, N. Y., where he has been assistant chief of staff since last February. From 1953-56 he served as professor of military science and tactics at the University of Oklahoma, later attended Strategic Intelligence School in Washington, D. C., and had served for two years as U. S. Army Military Attache in Rangoon, Burma. Before coming on active duty in 1942, Col. Thelen was a teacher, coach and athletic director of both East and Southeast High Schools in Kansas City.

D. J. CONDIT, former student, owner of the Condit Company, lives at 2730 E. 33rd St., Tulsa, Okla.

ROBERT F. KOLDE, BS Ed, 2418 N. Belmont, Wichita, Kan., is president of the Western Control Corp.

WILBUR E. WALKER, BS BA, 16 Douglas Ave., Eastborough, Wichita, Kan. is owner of the Wilbur E. Walker Co., Wichita.

29 SYLVIA COVER, AM, Ph.D. '33, Department of Home Economics, Texas Ag Extension Station, College Station, Tex., is hoping to move into a new building there in 1961, one which will house the research and extension workers now in four separate buildings. Dr. Cover's home address is 1012 Puryear, College Station, Tex.

SUZANNE DAVISON, BS Ed, AM '33, 1506 Chelmsford St., St. Paul 8, Minn., is on the Home Economics staff of the University of Minnesota. She has an M.U. graduate, CARILYN FRIESZ, BS HE '59, as a graduate student this year.

Mrs. Harold Schofield, formerly KATIE RIDGE, BS Ed, lives on a farm near Hallsville, Mo., and is teaching school in Hallsville. The Schofields have five children: Mrs. Emmalynn Hawkins (who presented the Schofields with their first grandchild in 1959); Harold Dean, an M.U. senior in Ag Engineering; Bobby, attending Moberly Christian College; Don and Betty, still in school.

DON W. INGLE, BS Agr, is a County Agent at Wichita, Kan. His home address is 2045 Hood, Wichita.

EDWIN W. PETERSON, AB, is an agent for the Internal Revenue Service, and lives at 620 Eastridge Dr., Wichita 7, Kan.

JOHN W. McCUNE, LLB, AB '26, 3523 S. Trenton, Tulsa, Okla., is an attorney. He was assistant city attorney, Tulsa, 1940-42; an officer in the U. S. Army 1942-44; assistant city attorney 1944-45; assistant U. S. Attorney 1945-53; Tulsa county Democratic chairman 1956-58; and is a member of the Oklahoma House of Representatives.

WILLIAM BRADY WISE, AM, 2223 S. Louisville, Tulsa, Okla., is chairman of the math department, Central High School, Tulsa.

30 RICHARD V. SCOTT, BS BA, director of eastern operations for Bemis Bros. Bag Co., has been appointed assistant director of sales for that company. He has moved from New York to St. Louis, where the company is located at 408 Pine St., St.



Col. Edward F. Thelen, '28

Louis 2, Mo. He joined the company at its Kansas City plant in 1931 as an accountant, and has been associated with the company in Omaha, Oklahoma City and Buffalo. From 1951 to 1957, he was manager of the Chicago general sales division, and in 1957 was made director of eastern operations. He was elected a director of the company this year. The Scotts have one son, William C., who graduated from Princeton in June, and is now a teaching fellow at Phillips Academy, Andover, Mass.

JOHN A. CRAIG, BS Eng., Route 1, Box 260, Tulsa, Okla., is General Superintendent of Gasoline Plants for the Skelly Oil Co.

Dr. N. E. VILES, AM, Ph.D. '34, former chief of school housing in the U. S. Department of Health Education and Welfare in Washington, D. C., retired last July. He was principal of several Missouri schools, and for 12 years was with the Missouri Department of Education, in charge of school building work. He went to Washington in 1931, became a specialist in his department, and was promoted to chief in 1951. The assignment took him to all states of the Union, the Virgin Islands and to Puerto Rico. He lives at 3343 Virginia, Joplin, Mo., and still has many responsibilities and a number of consultations on projects that will take him from Joplin occasionally.

31 Col. ROBERT L. WEBB, former student, has been appointed military personnel procurement officer, First U. S. Army, and has assumed command of all recruiting activities in New Jersey, New York and New England. He was director of training, Headquarters 1st Replacement Depot and the Infantry Conversion Training Center in North Africa and



Col. Robert L. Webb, '31



Richard V. Scott, '30

Italy from April 1943 to May 1945, and was awarded the Legion of Merit for outstanding services during this period. July 1950 to July 1952, he was Chief, Plans Division, G3, Operations Division of the Advisory Group to the Japanese Army, later Chief, Security and Training Division, Eighth U. S. Army Support Command in Korea. Col. Webb's mailing address is First U. S. Army Recruiting Dist., 39 Whitehall St., N. Y. 4, N. Y.

RONALD S. REED, LLB, AB '28, was recently elected president of the St. Joseph (Mo.) Bar Association. A former city counselor, Mr. Reed had been practicing law in St. Joseph for 30 years. His home address is 2602 Indian Trail, St. Joseph. Other officers elected were: Vice-President, FRED E. SCHOENLAUB, AB '54, LLB '54; Secretary, FRED H. MAUGHMER, LLB '57; JOSEPH K. HOUTS, AB '44, LLB '48, to the executive committee.

The University has received a photograph print dryer from MAXWELL J. THOMAS, BJ, chairman of the board of the Daily Signal newspaper at Crowley, La. It is being used in the Journalism School's news photography classes. Mr. Thomas' son, Lovan, is a senior at the University.

PAUL J. GRABER, BS BA, AM '32, is a professor at the University of Tulsa. His home address is 1312 S. Jamestown, Tulsa, Okla.

JOHN H. BROWNING, BS BA, is an inspector of shipbuilding, and lives at 2125 Middleborough Rd., Baltimore 21, Md.

32 Col. GEORGE A. BALDRY, AB, is presently assigned to the Pentagon, but as of March 23 his address will be Army Attache, American Embassy, APO 223, N. Y., N. Y. He will be stationed in Athens, Greece. Mrs.

Baldry is the former DOROTHY WASSON, BS '32. Their son, Kendall, is a Navy pilot stationed at Miramar NAS, and daughter, Karen, recently married and is continuing to teach high school in Los Angeles.

HORACE S. SMITH, AB, 2661 S. Boston, Tulsa, Okla., is an attorney for the Skelly Oil Co.

Dr. SAMUEL SANDMEL, AB, Provost of Hebrew Union College-Jewish Institute of Religion, New York City, is the author of a short story, "The Colleagues of Mr. Chips," published in the winter issue of *Prairie Schooner*, literary quarterly of the University of Nebraska. The story criticizes the publish-or-perish policy of American universities. It describes the conflict between the instructor's development as a teacher and adviser to students and his department chairman's "or else" insistence on independent research and scholarly publications. Dr. Sandmel is also professor of Bible and Hellenistic Literature at the College-Institute's Cincinnati school. He was director of the Hillel Foundation at Yale in 1946-49 and Hillel Professor of Jewish Literature and Thought at Vanderbilt in 1949-52. Dr. Sandmel lives at 147 Lafayette Circle, Cincinnati 20, Ohio.

33 WILFORD L. CLINE, AB, AM '34, 323 N. Yale, Wichita, Kan., is a petroleum geologist consultant.

LESLIE E. BATES, Jr., BS Eng., is vice-president of Precision Products, Inc. His home address is 1622 E. 35th St., Tulsa, Okla.

MARY AUGUSTA WHITE, BS Ed., is a schoolteacher in Tulsa. Her address is 1123 S. St. Louis, Tulsa 20, Okla.

34 EDGAR M. GOODMAN, BS PA, is office manager for Consolidated Deliveries, Inc., and his home address is 1221a S. Xanthus, Tulsa, Okla.

35 Mrs. NELL HALL Duley, AM, has been living in West Pakistan where her husband is an adviser in Soils at the new University at Peshawar. Her mailing address is USOM/P, American Embassy, APO 271, New York, N. Y.

GEORGE P. CONSOLVER, BS BA, is president of Sports Center, Inc. His home address is 443 S. Crestway, Wichita, Kan.

PAGET W. THORNTON, BS BA, electronics instructor for Boeing Aircraft, lives at 1112 N. Pershing, Wichita, Kan.

36 Dr. JAMES W. MCPHEETERS, Jr., former student, received his B.S. and M.D. degrees from the University of Arkansas, and is a physician at Poplar Bluff, Mo., where

he is associated with McPheeters Clinic and is on the staff of Lucy Lee Hospital. He served in the Pacific Area and in North China during his 4½ years in the Navy Medical Corps, WW II. The McPheeters' son James W., III, is a junior at M.U., and daughter Rebecca is in second year of high school, and looking forward to enrolling at M.U. in the fall of 1962. Their home address is 900 North St., Poplar Bluff, Mo.

FLETCHER PARKS, AB, 4125 Chestnut Ave., Long Beach 7, Calif., is owner of Parks & Co., wholesale electrical distributors.

NEVIN M. BLACK, BJ, 5330 S. Columbia Pl., Tulsa 5, Okla., is a reporter on the staff of the Tulsa Tribune.

37 R. A. "RED" GRAHAM is still winning tennis trophies. He recently captured the men's singles title and the Harris Shevelson Memorial Trophy in the Weston Field Club tennis tournament. Red's home address is Overlook Rd., Westport, Conn.

Mrs. Brooks Morgan, formerly ESTHER MARIE SCHNAEDELBACH, BS Ed., AM '40, 1727 7th Ave., Sacramento 18, Calif., writes that this has been a busy summer for her twin daughters, age 10. They have won a total of 80 ribbons in swimming meets.

LEONARD N. GOLDMAN, BJ, PO Box 612, Tulsa, Okla., is a 1st Lt. Infantry, AUS, retired, and is manager of the Jacobson Estate in Tulsa, and founder of the Eastern Oklahoma Retired Officers Assn.

GARLAND T. SCOTT, BS Ed., AM '40, is superintendent of agencies for Western Life Insurance Co. His home address is 6202 E. 10th, Wichita, Kan.

NANCY COLE WALLICK, M.D., AB, 3320 Euclid Heights Blvd., Cleveland 18, Ohio, is anesthesiologist for Booth Memorial Hospital in Cleveland. She was on the M.U. faculty in 1915-46, then graduated from Cornell Medical College, married Dr. Charles C. Wallick, a minister, and now has two sons, ages 3 and 4½.

38 ELLIOTT LEVAND, BJ, is vice-president of the Wichita Beacon. He and Mrs. Levand, the former ELOISE SILBERNAGEL, AB '37, live at 124 S. Old Manor Rd., Wichita, Kan.

LEONARD F. JAEGER, BJ, 1115 Mills Ave., North Muskegon, Mich., has been with the Muskegon Chronicle since 1947, as city editor since 1957. He is a Lt., retired, in the U. S. Naval Reserve, having served four years, most of it on destroyers, in World War II. The Jaegers have two daughters and a son.

JACK WRENN is operating the Wrenn Agency in Marceline, Mo., a business established in 1896 by his grandfather. In October, 1943 he went to England as a pilot with the Eighth Air Force, flew 28 missions over the continent, was later assigned as flight operations officer for his squadron, and was discharged as a Major in 1945. In 1947, when his father died, he took over management of the Wrenn Agency. The Wrenn's have two sons, Mitchell 9, and Michael 8.

FRANCIS E. BEST, BS Agr., was recently made agricultural sales manager and moved from Naperville, Ill. to the Kansas City office of Spencer Chemical Co. The Bests' new address is 9624 State Line Rd., Kansas City 15, Mo.

39 HAROLD COSTIGAN, BS Agr. '38, and Mrs. Costigan, formerly MERLE HOUSTON, BS Ed., BS HE, lives at Oak Grove, Mo. She teaches home economics in R-6 School at Oak Grove.

BILL N. NIMNIGHT, BS BA, has recently been elected president of the Jacksonville (Fla.) Area Chamber of Commerce. He is president of Riverside Chevrolet Co., has been president of the

Gator Bowl Association and of the Tourist and Convention Bureau, and is a director of the Florida National Bank. He and Mrs. Nimnicht, the former BARBARA ANN BROWNE, '39, live at 6959 Almonds Dr., Jacksonville.

JOHN R. MCGREGOR, BS BA, has been appointed supervisor of the budgetary control section of Monsanto Chemical Company's accounting department in St. Louis, after serving as assistant supervisor of that section. His address is 7107 Nashville, St. Louis, Mo.

40 Rev. ROY BLALOCK, AM, minister of the Christian Church at Canton, Mo., since 1912, is the new minister of the First Christian Church of Butler, Mo.

Mrs. David Tracht, the former BETTY ANN MATTESON, BS HE, 416 Johnson Ave., Dover, Ohio, has started a new job as secretary to the Junior High principal in Dover.

HARRY B. PFOST, BS Agr.E., of Michigan State Univ., has assumed duties as professor of flour and feed milling industries at Kansas State U. at Manhattan. He has been an engineer with the REA



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in Washington, D. C., associate professor at Alabama Polytech, a lieutenant in the Navy, and an engineering manager with Green Giant Co. of LeSueur, Minn.

Prof. FRANK VERBRUGGE, AM, Ph.D. '42, of the University of Minnesota, has been appointed advisory editor in the field of physics for Dodd, Mead & Co., Inc., New York publishers. He is professor of physics and associate dean of the Institute of Technology at Minnesota. Dr. Verbrugge is secretary of the American Association of Physics Teachers and last year was president of the Minnesota Academy of Science. He joined the faculty of the School of Physics at the University of Minnesota in 1956 after ten years as chairman of the physics department at Carleton College. His home address is 1787 Shryer Ave. West, St. Paul 13, Minn.

HARMAN NEBEL, BS BA, AM '43, is selling securities for Edward D. Jones & Co., of St. Louis. The Nebels and their three sons, Larry, Rodney, and Rickey, live at 1528 Greenberry Rd., Jefferson City, Mo. Mrs. Nebel is the former DIXIE CUTLER, BS HE '42.

LEE CALVERT FINE, formerly district forester for the Meramec district, is now fire control supervisor, Missouri Conservation Commission, Jefferson City, Mo.

HARRY R. BALL, BS Agr.E., has been transferred by the Whirlpool Corp. from Marion, Ohio, to St. Joseph, Mich., and is now manager of production programming, laundry group. He and Mrs. Ball, formerly HELEN A. TRIPPE, BS HE '41, live at 2903 Willa Dr., St. Joseph.

WILLIAM J. PETTYJOHN, BS Agr., is district manager for branded station sales for Monsanto Chemical Company's Lion Oil Co. division at St. Louis, after serving with D-X Sunray Oil Company at Tulsa, Okla. Mr. Pettyjohn's Tulsa address is 1416 S. Quaker.

WARREN A. POTTGEN, BS BA, received the Ring Award given annually by Johnson & Johnson for outstanding sales achievement. The Pottgens and their two children, Susan, 12, and Barbara, 11, live at 5950 Keller Ridge Dr., Indianapolis, Ind.

MARTIN UMANSKY, BJ, 210 S. Ridgewood, Wichita, Kan., is vice-president and general manager of KAKE-TV and Radio Station, Wichita. The Umanskys have two sons, Barry Davis, 12, and Daniel Webb, 7.

41 Dr. EUGENE B. BRODY, AB, AM, BS Med '43, has been appointed chairman of the department of psychiatry and director of the Psychiatric Institute, Univer-



Ruth Luck Krustev, '43

sity of Maryland School of Medicine. He joined the faculty in 1947 as professor of psychiatry and was appointed psychiatrist-in-chief to University Hospital and the Psychiatric Institute in 1958, and has been acting chairman of the department since June, 1959. He is a graduate of Harvard Medical School and of the New York Psychoanalytic Institute. He was associate clinical professor at the Yale University School of Medicine, attending psychiatrist at Yale, and chief of the neuro-psychiatric service at the West Haven VA Hospital. While serving military duty in 1946-48 he was chief of psychiatry in several hospitals in the European Command and consultant to the International Military Tribunal in Nuremberg. His book, "Psychotherapy with Schizophrenics," published in 1952, is now in its fourth printing. Dr. and Mrs. Brody (formerly MARIAN E. HOLEN, AB '43) live at 2007 Skyline Rd., Truxton, Md.

VERNON G. COX, Jr., AB, was transferred last August to Wichita by the Naegele Outdoor Advertising Co. The Coxes have two children, Robert, 12, and Sharon, 7, and their home address is 6705-B 11th, Wichita 6, Kan. Mrs. Cox is the former EILEEN JOHANNABER, BS Ed. '42.

J. WENDELL MCKINSEY, BS, AM '49, Professor of Agricultural Economics at the University, has held various teaching jobs at M.U. His first position after receiving his bachelor's degree was as vocational ag instructor at Wright City. Later he served in the Army from 1942 to 1946, before joining the University faculty. He and Mrs. McKinsey (formerly ANNA RUHAMA PERET, BS HE '39) and their three children live at 903 S. Greenwood, Columbia.

42 LOUIS H. EILERS, AB, AM '44, 3538 S. New Haven, Tulsa, Okla., is a research associate for Dowell Division of Dow Chemical Co. The Eilers have two children, Michael and Kim.

MARVIN L. WHITE, AM, is a theoretical astrophysicist with the National Bureau of Standards, Boulder, Colo. He received his AB in physics at the age of 18, from the University of Texas. After his work at the University here, and following World War II, he took his M.S. in astronomy and astrophysics from the U. of Chicago. His home address is 630 Pennsylvania Ave., Boulder, Colo.

43 Mrs. Sam Stone, formerly CHERYL BILBY, BS HE, is teaching Home Economics at Jefferson Junior High School in Columbia. The Stones live at 406 Circus Street.

Mrs. RUTH LUCK Krustev, BS HE, formerly associate editor of Successful Farming magazine, has been named Linda Marshall home service director for the Maytag Co. She was a home demonstration agent with the agricultural extension service, MU, for 3½ years, marketing specialist for the U.S.D.A. for 3½ years, and on the staff of Successful Farming for five years. She is married and has an 11-year-old son. Her husband, Dimitar, is an artist at Meredith Publishing Co., Des Moines, the firm which publishes Successful Farming. Their home address is 110 51st St., Des Moines, Iowa.

Mrs. W. J. Wiley, formerly NORMA EPPERLY, BS HE, is Stone County home agent, and lives at Marionville, Mo. Mr. Wiley processes strawberries and blackberries for commercial use, in addition to raising 24,000 turkeys. The Wiley children are Larry, 14, Hugh, 11, and Jeanne Claire, 6.

Mrs. MYRTLE MAST Hodge, BS HE, Arcadia Acres, RFD 1, Fishkill, N. Y., is on a sabbatical from her work as a county home agent. Her husband, J. WILLIAM HODGE, is a graduate of M.U. with an AM in '40 and a Ph.D. in '42.

CHARLES HOWARD LUCE, BS Agr., is a fieldman for Pet Milk Co. Mrs. Luce is the former JANE BOEHMER, BS HE '43; she is a Cub Scout denmother and Howard is a cubmaster. Their sons are Rick, 10, and Steve, 8. Their address is 824 E. College Ave., Greenville, Ill.

LILE F. HOPKINS, AB, for the past four years assistant manager of the Business Men's Assurance Co.'s Wisconsin branch office, is now manager of the Minneapolis Agency of Pacific Mutual Life Insurance Co.

FRED MEINERSHAGEN, BS Agr., MS '56, is extension associate professor of dairy husbandry at M.U. Mrs. Meinershagen, formerly REBECCA BUXTON, BS HE '58, has been working on a food survey for the Rural Sociology Office. The Meinershagens live at 208 Calvin Drive, Columbia.

45 Mrs. James T. Nixon, formerly DOROTHY J. CUNNINGHAM, AB, writes that she is married and has four children—one more on the way—and would like news of other Kappa Alpha Thetas. Her address is 7244 Ward Parkway, Kansas City, Mo.

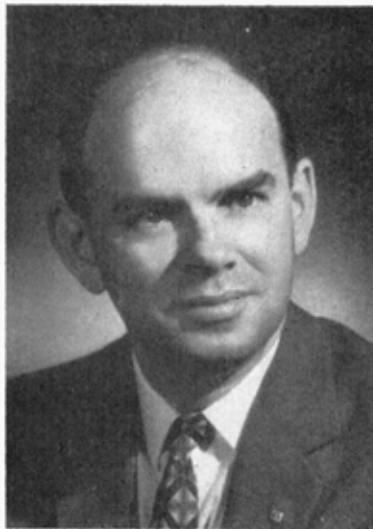
46 Mrs. MARYBELLE LAWING Sapp, BS HE, had her third daughter last October. Her other girls are aged 9 and 7. Her husband, CARL F. SAPP, AB '49, LLB '47, is an attorney, and the family lives at 1112 West Rollins Road, Columbia, Mo.

WILLIAM J. MARTIN, AB, has been appointed Director of Theater, the Eugene C. Eppley Auditorium, at Culver Military Academy, Culver, Indiana. Until this appointment, Mr. Martin was an assistant professor of Drama at Williams College, Williamstown, Mass., general manager of the Williamstown Theater Foundation, Inc., and the Three Arts Society of Stockbridge, Mass. He attended Yale U. School of Drama, where he was named the "Most Promising Young Director" in his class. The Martins and their son, David, 7, live on East Shore Dr., Culver, Ind.

OSAL B. CAPPS, 501 Boonville Rd., Jefferson City, Mo., is state forester for the Missouri Conservation Commission.



Ruel N. Wright, Jr., '47



Two Missouri alumni have recently advanced in magazine editorial posts. Glenn S. Hensley (left) is the new executive editor of "Together," monthly magazine of the Methodist Publishing House, Chicago. Hensley, B.J. '41, formerly was managing editor of "The Missouri Farmer," with which he was associated for twelve years. Richard Collins (right) B.S. Agr. '51, formerly editorial director of "The Missouri Farmer," is now editor of that magazine, published by the Missouri Farmers Association in Columbia. He has been on the editorial staff since his graduation.



CARL BALFOUR, BS BA, 4066 E. 25th, Tulsa, Okla., is affiliated with the Bethlehem Steel Supply Co.

CLARENCE GROGAN, BS Agr., AM '49, Ph.D. '51, was transferred to Mississippi this past summer by the U. S. Department of Agricultural Research. Mr. and Mrs. Grogan (ALICE WEST, BS HE '47) and their three children live at Pleasant Acres, Starkville, Miss.

47 ANDREW BROWN, Jr., BS BA, 2614 N.E. 22nd Ave., Portland 12, Ore., is an auditor with Employers Mutuals of Wausau, and was transferred from Kansas City to Portland.

JAMES O. KEMM, BJ, 1609 E. 55th St., Tulsa, Okla., is executive manager of the Oklahoma Petroleum Council.

RUEL N. WRIGHT, Jr., BJ, has been appointed manager of the Detroit office of the Dodge News Bureau. He joined Chrysler Corporation Public Relations in 1957, after more than a decade in newspaper work as a writer and editor and, prior to his present appointment, was assistant news editor in the press information section. He served as an infantry officer during World War II and from 1951 to 1953 was assistant public information officer of the 43rd Division in Germany. He lives at 3123 Lincoln Blvd., Dearborn, Mich.

WILLIAM D. COOK, BJ, is a copy-reader for the St. Louis Post-Dispatch,

and lives at 1427 Ranklin Dr., Richmond Heights, Mo.

CURTIS R. WINTERS, Jr. now has his own agency, the Curtis Winters Co., Inc., 1263 Westwood Blvd., Los Angeles 24, Calif., an advertising agency specializing in technical accounts, market studies, and public relations programs for industrial accounts.

ABRAHAM ABUKOFF, BJ, is on the sports desk, N. Y. Herald Tribune. He has two children, Scott 2, and Barbara, almost 1. The Abukoffs live at 147 19th Ave., Irvington, N. Y.

W. DON KENNEDY, LLB, Nevada, Mo., attorney, was one of four special guests at the 1959 homecoming at S. W. Baptist College in Bolivar, Mo. on November 20. He received the Life Service Award for outstanding service in his chosen vocation, the highest award the college can bestow upon a former student. Mr. Kennedy was prosecuting attorney of Vernon County, 1949-53; assistant attorney general of Missouri 1954-55; special assistant attorney general 1955-59; and mayor of Nevada 1956-57, in addition to being active in church and civic affairs. The Kennedys have four children: Julianne, 8, Jennifer, 5, Roger Quin, 3, and Priscilla, 2. Mr. Kennedy's office is in the Thornton National Bank Building, Nevada, Mo.

RAYMOND G. WIGGINS, 2534 S. Norfolk, Tulsa, Okla., is general agent for the Illinois Central Railroad.

ROBERT L. KUNZ, BS Agr., 928 St. James Pl., Wichita, Kan., is manager of the Prudential Insurance Company office there.

Six paintings by JACK YOUNGERMAN, BJ, were recently in an exhibit at the Museum of Modern Art in New York City. After graduation from M.U., Mr. Youngerman went to Paris where he lived until late 1956. He worked on architectural projects in the Near East and has designed for the theater in Paris and in New York. He had a one-man show in each of these cities, and has shown in Tokyo and at the Carnegie International in Pittsburgh. His home address is 27 Coenties Slip, New York 4, N. Y.

FRED H. LONG, BS Agr., 321 S. Pam Ave., St. Charles, Mo. is assistant regional manager of the Management and Appraisal Section, St. Louis area, Doane Agricultural Service. Mrs. Long is the former ANN ADAMS, BS HE '48. They have three children: Marilee Ann, 1, Ellen, 4, and Keith, 6.

48 CLARENCE E. (DUTCH) WYATT, BS Ed., formerly athletic director and football and track coach at Poplar Bluff (Mo.) High School, has been appointed superintendent of Butler county (Mo.) schools. Mrs. Wyatt, formerly GERALDINE GEISERT, BS HE '44, is a home economics instructor at Junior High, Poplar Bluff. The Wyatts and their three sons, Bill, Ben, and Bob, live at 1707 Seifert Drive, Poplar Bluff.

JACQUES J. SWEENEY, BS ME, works engineer, has been transferred by the Du Pont Co. from its Clinton, Iowa, plant to the Mylar polyester film plant at Circleville, Ohio. The Sweeneys have two daughters, Pamela and Maryetta.

Lt. Col. LYNN E. STONE, BS Agr., was recently honored with the Air Force Commendation Medal at headquarters, Air Research and Development Command in Washington. He was cited for outstanding performance of duty while serving as chief of the Flying Safety Branch at ARDC. Lt. Col. Stone's mailing address is Hq. ARDC, Andrews AFB, Washington 24, D. C.

JOHN L. (JACK) RAGLIN, BJ, 216 Portland, Apt. 2, Houston 6, Tex., formerly assistant to the president of Continental Oil Co., has been promoted to assistant director of public affairs. He joined Conoco's industrial relations department in 1951 as editor of employee publications.

Mrs. David M. Campbell, the former JACQUELINE L. CLEMENTS, AB, is the mother of three children. Mr. Campbell is a member of the Insurance firm of Stahl, Boggs & Campbell, and the family residence is at 3818 S. Knoxville, Tulsa, Okla.



Clarissa Start Davidson, St. Louis Post-Dispatch columnist, who thrives on varied activities.

Clarissa Start adds another chore

Mrs. E. Gary Davidson, whose professional work appears under her maiden name, Clarissa Start, has added another assignment to the variety of activities in which she is associated in St. Louis. She has been named general chairman of the 1960 Gridiron Party of the Women's Advertising Club. In earlier years she has been co-author of many Gridiron shows.

The event for which she will direct planning will be given on April 6 at the Sheraton-Jefferson Hotel. A charity event, the Gridiron Dinner and Show is given annually with 1,000 women as guests.

A columnist for the Post-Dispatch, Clarissa Start Davidson is the author of "God's Man," a biography of Pastor Martin Niemoeller, which was published last fall. In 1956 she toured Germany as one of sixteen Americans invited as guests by the German government to study church and welfare programs. Research for her book on Pastor Niemoeller was done in Germany in 1958.

Mrs. Davidson is a past president of the Women's Advertising Club and of Theta Sigma Phi, women's journalism fraternity, which recognized her as a "National Headliner" in 1958. She has served as chairman of the St. Louis County Guild Welfare Advisory Committee and is now secretary of the Metropolitan Church Federation. She was designated Woman of the Year by the Women's Chamber of Commerce of St. Louis in 1955 for her volunteer activities.

Mrs. Davidson, B.J. '36, is the wife of State Senator E. Gary Davidson, LL.B. '37. They live at 300 N. Gore Avenue, Webster Groves, Mo., and have an eight year old son, Bruce Benton Davidson.

RICHARD R. SWANSON, BS BA, has been appointed to the board of directors of the Heli-Coil Corp., and is executive vice-president of the Grip-Nut Co., a recent acquisition of Heli-Coil. Mr. Swanson's home address is 3221 Briarbrook Lane, Fort Wayne, Ind.

Mrs. Harold E. Stewart, formerly NANCY THORNBURG, BS BA, and her husband live at 3835 S. Richmond, Tulsa, Okla., with their three children. Mr. Stewart is a graduate of K. U. and an architect.

JAMES REYNOLDS, BS Agr, MS '50, 130 East Oak St., West Lafayette, Ind., is attending graduate school at Purdue University. Mrs. Reynolds, the former RUTH JACKSON, BS HE '48, is a Cub Scout denmother. The Reynolds' have three children.

Mrs. Henry Brown, formerly LILLIAN WATKINS, BS HE, BS Ed., Route 2, Rayville, Mo., is teaching home economics at Richmond, Mo., High School.

49 ED GLASER, BSF, MS '50, formerly fire control supervisor, Missouri Conservation Commission, has been reassigned to head state forest lands management and nurseries. He joined the Commission as a surveyor in 1949, and in 1950 became farm forester. From 1954 to 1956 he was an instructor in forestry at Mississippi State College. He rejoined the Commission as farm forester in 1956, and in 1958 was promoted to fire control supervisor.

T. E. WITT, Jr., BS ME, 2378 Euclid Heights Blvd., Cleveland Heights 6, Ohio, is in the photo lamp department, East Cleveland lamp division, General Electric Co.

R. C. LEDBETTER, BS Agr, M Ed. '56, is principal of R-1 High School, Vandalia, Mo. His wife, Mrs. ERMA CLARK Ledbetter, former student of '59, is instructor of second grade at Farber Elementary School there. The Ledbetters have two children: Carl, 14, and Sandra, 13.

BOYD D. PEAK, AB, MS '52, is chief, social service, for Drs. Adams, Newson & Morrow, and lives at 1733 N. Athenian, Wichita 3, Kan., with his wife and three children.

BILL HANES, 4838 Monitor, Corpus Christi, Tex., is sales manager for the South Texas Sales Co., Inc.

CLIFFORD W. MICHAELS, Jr., BJ, is public relations director for KAKC, and lives at 1625 S. Elwood, Tulsa 19, Okla.

ZACK F. BETTIS, BJ, is assistant district traffic superintendent in Hannibal, Mo., for Southwestern Bell Telephone Co. He joined the telephone company in Dallas as an information assistant in



Richard B. Swanson, '48

1952, transferred to St. Louis in 1953, and was assistant district traffic superintendent there from 1957 until his present assignment. Mr. and Mrs. Bettis (the former KATHRYN LEE, BJ '49) have four children.

Dr. GRACE GARDNER, M Ed., Ed. D. '59, is professor of education at Southwest Missouri State College at Springfield. She is the only woman, the only Missourian, and the only classroom teacher on the advisory committee to the Language Development Program of the National Defense Education Act. She has been teaching at SMS since 1956, interested in the preparation of teachers, specifically in social studies. She is an active member of many clubs and organizations for teachers and was appointed a delegate from the national department of Classroom Teachers to the U. S. National Committee for UNESCO in 1958.

Dr. ROBERT BASNETT, BS Agr., AM, DVM '58, Box 339, Fulton, Mo., is a veterinarian. Mrs. Basnett (LANOLA EPPERLY, BS Ed. '47) is teaching home economics half time. The Basnetts have two children, Jan and Mike.

CON C. MILLS, BS BA, 4059 S. Wichita, Wichita, Kan., is a CPA for Ernst & Ernst.

QUENTIN L. McCABE, BS BA, is treasurer for the Southwest Grease & Oil Co., Wichita, and lives at 146 N. Edgemoor.

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DARYL D. McCULLOUGH, BS Ed., M.Ed '53, has been teaching in Iowa since 1949. He coached for the first five years he was out of college, and has been a superintendent for the past six years for the Baxter, Iowa, Community Schools.

ERNEST WEINER, AB, AM '50, is associated with the Western Farm Publishers. Mr. and Mrs. Weiner (SHIRLEY CINNAMON, BS HE '49) and children, Danny, 3, and Lisa, 5, live at 1456 Summit Rd., Berkeley 8, Calif.

HOWARD A. STEWART, BJ, 3538 S. Indianapolis Ave., Tulsa, Okla., is copy editor on the Tulsa Tribune staff.

50 JAMES M. SHEA, AB, is assistant director, Office of Public Services, University of Oregon, Eugene, Ore.

DON BLOUNT, AB, AM '56, Ph.D '58, 24 Greening Ave., South Burlington, Vt., is teaching at the University of Vermont. The Blounts have two children, David and Julie. Mrs. Blount is the former CAROL MIDDLETON, BS HE '51.

ARMIN T. DRESSEL, BS For., Route 2, Amity, Ark. is mayor of the town. Mrs. Dressel is the former MARTHA ANN TRACHSEL, BS Ed. '51. Their daughter Sheryl is now 3.

G. W. (BILL) PATE, BS CE, is vice-president of the Pate Engineering Co., and lives at 5745 S. Indianapolis, Tulsa, Okla.

WILLIAM H. MINOR, BS CE, is an estimator for Standard Industries, Inc. He and Mrs. Minor, the former JOAN GARNER, live at 5934 E. 24th Pl., Tulsa, Okla.

JAMES T. HORNER, BS Agr., M Ed '51, Ed D '59, is a vocational education instructor at Nebraska U. Dr. and Mrs. Horner (formerly ROSEMARY LESTER, BS Ed '51, M Ed '55) and their three children live at 2039 S. 32nd St., Lincoln, Neb.

Dr. JAMES C. McCREA, BS Agr., DVM, was presented a certificate in recognition of his work to improve relations between the feed industry and veterinarians. He is in general practice in Platte City, Mo., where he is active in many civic projects and organizations. Mrs. McCrea is the former VIRGINIA E. SHECKLER, BJ '49.

SIDNEY M. KATZ, BS BA, is a senior in the Law School at Southern Law University at Memphis, Tenn. and plans to take the state bar examination in Tennessee. His address is 4450 Tall Trees Dr., Memphis.

DALE GILMAN, former student, is with Investors Diversified Services, Inc., 104 Filmore St., Denver 6, Colo.

JAMES C. STOVER, BS BA, 2534 S. Cincinnati, Tulsa, Okla., is operations coordinator for DuPont Co. Mrs. Stover is the former ANN ALLEBACH. They have three children: Nancy, 7, Susan, 6, and Fritz, 5.

MARILYN MICHAELS, BJ, is an editor for the D-X Sunray Oil Co. She lives at 1625 S. Elwood, Tulsa, Okla.

J. E. BARNES, BS BA, 2930 Santa Fe, Corpus Christi, Tex., is a salesman for Texaco Co.

FRANK G. LESLIE, BJ, 2007 E. 14th Pl., Tulsa, Okla., is a reporter on the Tulsa World.

51 DONALD A. BEWKES, AB, is manager of production planning and customer service at Tung-Sol Electric, Inc., Newark, N. J. He joined Tung-Sol in 1954 and has served as assistant manager of production planning since June, 1957. He and his wife and two children live at 1053 Overlook Ave., Union, N. J.

DON HILLIARD, BS Agr., MS '53, is at the University of Missouri Swine Breeding Farm, and Mrs. Hilliard (MARY JOHNSON, BS HE '53) is working as Boone County Home Agent. They have a 5-year-old named Terry.

E. M. GRACE, BS Agr, M Ed '52, has purchased the Gower (Mo.) Lumber Co. He was formerly an instructor of vocational agriculture in the Gower High School, then was territory manager for Pay-Way Feeds Co. for the past three years.

ROGERS N. STRICKLAND, BS CE, 3720 S. Louisville, Tulsa, Okla., is president of the Strickland Co.



When President and Mrs. Elmer Ellis (front row) stopped off in Honolulu on their way to India, they were guests of honor of M.U. alumni in the area. The warm hospitality of the Hawaiian group is traditional and has been enjoyed by a number of alumni and University officials who have visited the 50th state.

JIM WHITACRE, BS BA, is branch manager for Industrial Metals, and lives at 4316 E. 60th Pl., Tulsa, Okla.

LEE O. CUNNINGHAM, BS Agr., MS '55, 2181 S. 76th E. Ave., Tulsa, Okla., is superintendent of the milk department of Carnation Co. of Okla.

VAUGHN A. LAUGHLIN, BS Agr., is a chemist for D-X Sunray Oil Co. He lives at 4108 E. 37th Pl., Tulsa, Okla.

NORBERT H. MILLER, BS BA, is an accountant for Skelly Oil Co., and lives at 7-7 N. Florence Pl., Tulsa, Okla.

52 JOY KELLEY, BS Ed., 225 S. Hawthorne, Muncie, Ind., is teaching clothing and textiles at Ball State Teacher's College.

DOW JENKINS, BS Agr., is county agent at Ellington, Mo. Mrs. Jenkins is the former MARJORIE BARTLEY, BS Ed. '52. They have three children: Lynn, 4, Linda 2, and Lou Ann, 1.

Mrs. Wayne A. Williams, the former KATHRYN MOORE, BS Ed., is teaching vocational home economics at Camdenton (Mo.) High School.

WILLIAM R. HUGGINS, BS BA, is Western Market Research Director for K.L.M. Royal Dutch Airlines, and has been travelling in Europe for several months. For the next few months he will be at the Hotel Lexington, Lexington Ave. at 48th St., New York 17, N. Y.

WALTER THEE, BS ME, with his family has been living in Belgium for a year. He formerly lived at King City, Mo. He writes: "We are here to supervise the installation of a power reactor in the Belgium Nuclear Center in Mol. I have been with Westinghouse for the last four years. I am happy to see the Tigers are going to the Orange Bowl this year. I have the feeling the Missouri football teams are on the rise and should get better for the next few years." His address is C E N Family Apts. 37, Mol, Belgium.

The DAN HERTZOG (BS Agr., DVM '56) family, Route 2, Lee's Summit, has been named the 4-H family of the year in Jackson County. Mr. and Mrs. Hertzog and their six children represent a total of 70 years of leadership and membership in the 4-H club program.

RALPH H. WASEM, AB, 3025 Porter, Wichita, Kan., is a salesman for the Walling Sash & Door Co.

53 Capt. ELMER A. BROWN, BS Agr., 558 Pinebrook Rd., Eatontown, N. J. has recently been transferred from Ft. Sam Houston to Ft. Monmouth. The Browns have three children: Stuart, 4, Sharon, 3, and



This University of Missouri Livestock Judging team captured fourth place in the Intercollegiate Livestock Judging Contest held in connection with the International Livestock Exposition in Chicago. Here, they discuss judging techniques with Dr. J. H. Longwell (on the left), dean of the University's College of Agriculture, and a member of the University's 1917 livestock judging team that judged at the International. Team members are, left to right, front row, Ferd Good, Belton; Gene Anderson, Stanberry; Jim Russell, Savannah, first alternate; and Doug Johnson, Oak Grove, second alternate. Back row, Jim Gibbs, Glasgow; Howard Beckemeyer, Napoleon; Norman Braksick, Napoleon; and team coach G. B. Thompson, assistant professor of animal husbandry.

Bruce, 1. Mrs. Brown is the former MARY IMPEY, BS Ed. '52.

DON EDWARDS, BS ChE, MS, is an engineer with Monsanto Chemical Co. Mr. and Mrs. Edwards (formerly MARJORIE SHEPPARD, BS Ed.) and their two little sons live at 982 Boxelder Dr., Kirkwood, Mo.

ROBERT C. POHLE is a salesman with J. P. LeVeque Co., Inc. He and Mrs. Pohle, formerly Beverly J. Hulen, BS Ed. '53, and small son, Jeffrey Charles, live at 1320 McCausland, St. Louis 17, Mo.

RUDIE W. SLAUGHTER, BS Agr., is publications editor for Mississippi Chemical Corp. Mr. and Mrs. Slaughter (formerly SALLY OHLHAUSEN, BS HE '52) and their three children live at 123 18th St., Yazoo City, Miss.

DAVID RUBLE, BS BA, 12 Rolling Hills Dr., Wichita, Kans., is a salesman for Simpson Timber Co.

Lt. WILLIAM C. WHEELER, Jr., BS Ed., of 10842 Langford Dr., St. Louis, Mo., has been assigned to the control office at the Army Rocket and Guided Missile Agency, Redstone Arsenal, Alabama. He entered the Army in 1954, and was formerly a company executive officer overseas.

ROBERT HARPER, BS Agr., is sales representative for the Bradley and Baker Co., Columbus, Ohio. The Harpers have a son, Joe, and a daughter, Sally. Mr. and Mrs. Harper, who was BETTY MAE JOHNSON BS Ed '53, MS '56, and family live at 1795 N. W. Court C, Columbus 12.

JOHN PERRY, BS Agr., DVM '59, is now practicing in Brookfield, Mo., in partnership with another veterinarian. He and Mrs. Perry, formerly CHARLOTTE TAYLOR, BS Ed. '52, MS '55, and their children Jean and Janet, live at 1010 Meade, Brookfield.

ROBERT E. (GENE) MURRAY, BJ, is assistant editor of the News-Dispatch and Press-Dispatch and editor of the Gladstone News. The papers are published in North Kansas City, Mo.

GEORGE GEAN LORANTOS, AB, is assistant director of the National Braille Press, which publishes a newspaper and a magazine. Lorantos is editor of the Weekly News, a 5,000-word digest. Mr. and Mrs. Lorantos live at 88 St. Stephen St., Boston 15, Mass.

54 GRACE HOWELL, BS Ed., 195 Lancaster, Athens, Ohio, teaches Child Development at Ohio University at Athens.

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Name

Address

City

State Zone

JAMES PHILLIPS, BS Agr., and Mrs. Phillips, the former LOIS EHRICK, BS HE '54, have enjoyed their travels while Jim is in the Air Force, especially the two weeks in Hawaii. The Phillips' and son, Marty (age 2), now live at 110 Colorado St., Travis AFB, Calif.

Mrs. A. K. Fulton, formerly BETTE MILLER, BS HE, who was a home economics agent at Atchison, Kansas, is now "just a homemaker." The Fultons live at 105 Santa Fe, Atchison, Kans.

WILLIAM DOWLER BS Agr., MS '58, is working on his Ph.D. The Dowlers (she is formerly DOROTHEA DRANE, BS HE '57) and little Paul live at Freeman Home Park, Urbana, Ill.

DONALD T. LYONS, BS Agr., MS '58, and Mrs. Lyons, formerly JOAN ABBOTT, BS HE '54, live at 1615 N. Pershing, Wichita, Kans. He is a nutritionist for Kellogg Bros. Feed Co., and she is a teacher.

RONALD D. PAMPERL, BS CE, assistant division engineer for the Wabash R. R. Co. at Moberly, Mo., has been transferred and promoted to assistant to the construction engineer at the St. Louis offices of the Wabash Co.

MELVIN McANULTY, BS BA, 5 Hampton Rd., Wichita, Kans., is a district sales representative for Continental Oil Co.

BUFORD WATSON, BS PA, is city manager at Henryetta, Okla. The Watsons and their two sons, Mark and Philip, live at 720 S. 2nd, Henryetta.

1st Lt. DONALD D. RECTOR, BS Agr., of Route 4, Stockton, Mo., regularly assigned to the 4th Armored Division Artillery Target Acquisition Battery in Nurnberg, Germany, has recently completed the six-week artillery survey advanced course at the Army's European Engineer-Ordnance School in Murnau, Germany.

S. T. CLARK, BS, MS '56, Ph.D. '58, is a chemist for the Celanese Corp., and lives at 1006 DeForrest, Corpus Christi, Tex.

55 Mrs. J. M. MARR, the former RUTH POSS, BS Ed., MS '57, added the second daughter to the family in October. Liz and Cecelia and parents live at 268 Main, Madison, N. J.

THOMAS H. HOLT, BS CE, Missouri Highway Dept., and Mrs. Holt, formerly VIRGINIA KLOERIS, BS HE '52, MS '55, have two children, Gwen Holly and Dirk. They live at 124 Lavinia, Jefferson City, Mo.

DONALD C. ROWEN, graduated from Ranken Trade School in November. He has worked for Eastern Air Lines, at

tended Washington University, and Sanford-Brown Business College, St. Louis. His address is 1050 Pike St., St. Charles, Mo.

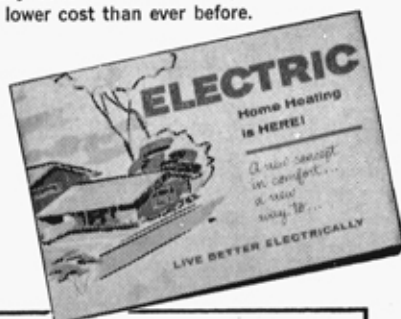
VERNON BODE, BS, is working on his Ph.D. in biochemistry at the University of Illinois, hoping to complete his work in 1960 or '61. Mrs. Bode, formerly EMILY STOCK, BS Ed. '54, writes of the arrival of John Vernon last October "to join our 20 month old Beth and balance the family." The Bodes live at 709 W. Green, Urbana, Ill.

Mrs. Daniel W. Sullivan, the former PHYLLIS HARVEY, BJ, writes that she is advertising assistant at Sears Roebuck & Co., and Mr. Sullivan is an insurance agent with the Pacific Mutual Life Insurance Co. They live at 6217 N. 12th Pl., Apt. 3, Phoenix, Ariz.

J. GORDON WILL, BS BA, has joined the accounting department of Monsanto Chemical Co. research & engineering division at St. Louis, after serving with the Shell Oil Co. there. His address is 9315 Ewers Dr., Crestwood 26, Mo.

NEW LOW ELECTRIC RATES FOR HOME HEATING!

MORE THAN HALF-A-MILLION FAMILIES around the country use Electricity exclusively to heat their homes. NOW—the big news for Kansas City Power & Light Company customers is that they, too, may begin to enjoy all the many benefits of modern-day Electric Heating at lower cost than ever before.



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HEALTHFUL . . . No flues or vents; steady, even heat; no hot spots, cold areas and drafts.

KANSAS CITY POWER & LIGHT COMPANY

Mrs. Tom Reed, MABEL TOMLIN, BS HE, 425 Martin St., Chillicothe, Mo., is deputy to the county clerk, in addition to helping in Tom's business of piano tuning and organ repair, the sale of an English make piano, and planning to start an orchestra in Chillicothe this year. Last summer she demonstrated a new range, judged at the county achievement day, and is planning to set up a dietetic consultation service.

CLINT STARKE, BS ChE, visited the campus in December. He was here for 2 weeks supervising the application of Textolite decorative plastic laminate on the walls of the new Ag Chem building. Clint is also province Lt. Governor for Phi Kappa Theta in the Ohio-Michigan area. He and Mrs. Starke, formerly JOANNE MARY HILGER, AB '54, and family live at 1182 Stewart Lane, Conshocton, Ohio.

DONALD L. BURKEL, BS For., formerly assistant district forester on the Meramec fire protection district, has been promoted and transferred to become farm forester at California, Mo.

56 DON KOTHE, BS Agr., Mrs. SHERRA DO FOARD Kothé, BS Ed. '55 and daughters, Kerry Lee and Kandye Lynn, live at 526 E. 31st, North Kansas City, Mo. Don is a beef grader for Wilson & Co.

HAROLD BEARD, AB, received his Bachelor of Divinity degree last May from Southern Seminary, and is doing additional work there. Mrs. Beard, formerly WANDA WHEELER, BS Ed '56, is teaching in elementary school. They live at 117 Judson Hall, Godfrey Ave., Louisville 6, Ky.

Mrs. F. D. Branco, SHIRLEY ROSE SEIM, BS HE, is still working in the test kitchens of Better Homes and Gardens Magazines. Her home address is 2728 Lincoln Way, Ames, Iowa.

JAMES HERTZOG, BS Agr., DVM '59, is practicing veterinary medicine at Alton, Mo. Mrs. Hertzog, SUE NETHERLAND, BS HE, is a school lunchroom supervisor.

DONALD E. GILLIHAN, LLB, BS Ch E '52, has opened a law office at 14 N. Washington, Farmington, Mo. He served 13 months in Korea, and for the past four years has been a corporation lawyer for Gaylord Container Corp. of St. Louis, and for Mobay Chemical Co. of Pittsburgh. The Gillihans have two children.

JAMES D. NORRIS, BS, AM '58, will devote two years to an intensive examination of all available documentation and the preparation of a history of the Meramec Iron Works and its immediately surrounding area. He has been an instructor in history at the University during the past three years. His address is 153 Chestnut, Richmond, Mo.

CLARIBELL GALLIVAN, BS HE, is now teaching in a private girls' school near Havana, Cuba. Her address is Colegio Buenavista, Apartado 5, Mariano, La Havana, Cuba.

LARRY L. LEWIS, AB, graduated from Southwestern Baptist Theological Seminary, Fort Worth, in January. He is currently serving as pastor of the Temple Baptist Church, Sulphur Springs, Tex.

Dr. ROBERT L. HOLT is an optometrist at Mexico, Mo. He is a graduate of Southern College of Optometry at Memphis, Tenn. Dr. and Mrs. Holt and son, Mark Wayne, live at 6 Marine Drive, Mexico.

RONALD L. POWERS, BS BA, is manager for the Southwestern Bell Telephone Co., at Dexter, Mo. He joined the company in 1956 and was assigned as an assistant in the traffic department in St. Louis in 1957. He worked on traffic assignments in several locations and was transferred to the commercial department in 1959, and was business office supervisor in one of the St. Louis suburban offices until his promotion to his new job. The Powers' and their two young sons live at Dexter, Mo.

Mrs. M. G. Duncan, SARA BANGERT, AM, is district editor for the Oil and Gas Journal and lives at 1341-B E. 39th St., Tulsa, Okla.

CHARLES R. MURPHY, BS BA, 1724 E. 53rd St. South, Wichita, Kan., is an auditor for Boeing Aircraft.

Mrs. John K. Leslie, JANET SMITH, BS HE, is teaching nutrition and diet therapy to student nurses at Deaconess Hospital in St. Louis. Mr. Leslie received a BS PA degree from the University in 1957. They live at 4309 Heath Lane, St. Louis 34, Mo.

JACK WOLF, AB, 5122 E. Funston, Wichita, Kan., is an engineer for Boeing Aircraft, Wichita.

57 BETTY DEE PETERSON, BS HE, 17 S. Orchard St., Madison 5 Wis., is a therapeutic dietitian in Madison General Hospital.

Mrs. JANE MULHOLLAND Becker, BS HE, 610 S. Thompson, Apt 12, Carbondale, Ill. is a research assistant in the school of Home Economics at S.I.U., where she has started work on her masters degree.

MAX PENNER, BS Agr., who has been working for Tastemark Dairy in Springfield for the past two years, has recently been appointed branch manager for the company at Rolla, Mo.

BRUCE A. FRENCH, AB, and Mrs. French, formerly NANCY HANKINS, both received degrees from Western Reserve University in Cleveland last summer. Bruce received a masters in arts and Nancy received a bachelors in nursing. She is a psychiatric nurse at University hospitals in Cleveland, and he has received an appointment as full time instructor in the German department of Western Reserve. Their home address is 10715 Woodland, Apt. E, Cleveland 4, Ohio.

Marine 1st Lt. MICHAEL C. DRURY, Jr., BS BA, a flight student from BTG-5 at NAAS Saufley Field, recently made the 67,000th arrested landing aboard the aircraft carrier USS Antietam. He entered the Marine Corps in 1957, and was assigned to flight training in 1958. His home address is 615 Pratt, DeSoto, Mo.

GEORGE M. SHANER, BS BA, is a staff assistant for Boeing Aircraft, and lives at 731 N. Mt. Carmel, Wichita, Kans.

TEACHERS - - -

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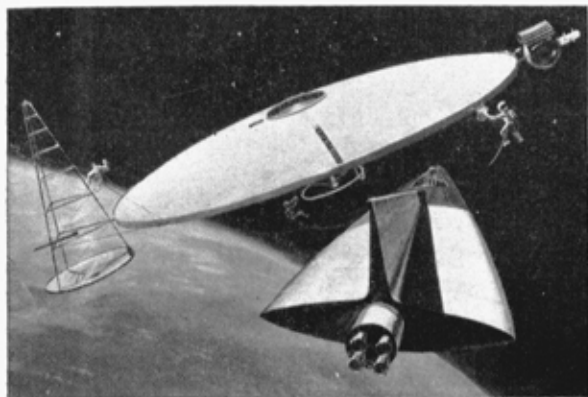
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If interested, write: Superintendent, San Marino Unified School Dist., 1665 West Dr., San Marino, Calif.

Space-age careers at Boeing



This year, engineering and science alumni will find more challenging and rewarding careers than ever at Boeing. Advanced missile and space-age programs are expanding, and the proportion of engineers and scientists to Boeing's total employment is growing steadily. Boeing programs include the Dyna-Soar boost-glide vehicle, Minuteman solid-propellant ICBM, BOMARC defense missile system, B-52G missile bomber, KC-135 jet tanker-transport, the Boeing 707 jetliner, and lunar, orbital and interplanetary systems and advanced research projects. A few of the many immediate openings are listed below:

ADVANCED CONFIGURATION DESIGN

WICHITA AREA

M.S. or Ph.D. in A.E. to create configuration of new vehicles proposed by potential military or civilian customers. Creative design of vehicles based on general parameters of missions (payload, performance, etc.). In addition to configuration, special features such as handling payload (i.e., cargo, passengers) and comparison with competitors' proposals are investigated.

INFRARED

SEATTLE AREA

Electrical engineer or physicist with advanced degree to set-up and direct an Infrared System Group involved in: (1) Studies and analyses of infrared systems, techniques and phenomena, (2) Definition of models and parametric relationships, and (3) Synthesis of advanced infrared sub-systems (search, track, terminal guidance, mapping, surveillance, and scientific instrumentation) for integration into larger systems.

ELECTRONICS-RELIABILITY

SEATTLE AREA

Electrical engineer with B.S. degree minimum (graduate work or equivalent experience desired) to organize and manage reliability programs; to establish requirements, evaluate reliability data and initiate corrective action for missile components and tactical test equipment.

ELECTRONICS-DIGITAL COMPUTER

SEATTLE AREA

Engineers with advanced E.E. degree or particularly applicable experience to design and integrate digital computers in advanced military and space programs, involving internal logic design of the computers and the external organization of the associated equipment used in the guidance and control system.

ENGINEERING ANALYSIS & PROGRAMMING

SEATTLE

Mathematicians or engineers with B.S. to Ph.D. degrees to work in engineering computing and analysis areas. Analysis positions involve correlation and conversion matrix studies, trajectory simulation programs, error analysis and simulation studies and many others. Computing positions involve programming a wide variety of complex engineering problems to be solved with high-speed electronic data processing machines—digital and analog.

PLASMA PHYSICS

SEATTLE AREA

Experimental physicist with Ph.D. in physics for the staff of the Plasma Physics Laboratory, Boeing Scientific Research Laboratories, to conduct studies in the field of Basic Experimental Micro Wave Plasma Physics, Basic Transport Properties of Plasmas and in Theoretical and Experimental Quantum Plasma Physics.

OPERATIONS & WEAPONS SYSTEMS ANALYSIS

WICHITA

M.S. or Ph.D. in math, physics, electrical or aeronautical engineering to obtain data on the anticipated operational environment of the devices under study by Advanced Design Staff. Devise analytical models of procedures describing operation of the devices in order to estimate the operational utility of same under study. Studies compare Advanced Design products with other companies and demonstrate anticipated utility to the customer.

ELECTRONICS-TELEMETRY

SEATTLE AREA

B.S.E.E. with good knowledge of telemetry systems, transducers, and systems providing inputs into telemetry systems, to work on telemetry systems integration. This requires ability to represent the company in meetings with the customers and associate contractors.

ELECTRO-MAGNETICS

SEATTLE AREA

Ph.D. in electrical engineering or physics to direct and participate in the work of a research group engaged in the theoretical and experimental investigation of the propagation and reflection of electro-magnetic waves in the presence of a plasma.

WELDING ENGINEERING

SEATTLE AREA

Engineers with degree in Met.E., Mech.E., E.E. or equivalent, to maintain weld equipment, design tools, develop techniques and direct proper use of this equipment, and establish processes for all types of welds used in the unit, including weld settings for qualification programs.

PERFORMANCE & STABILITY & CONTROL ANALYSIS

SEATTLE AREA

Aeronautical engineers at B.S. and M.S. level to conduct performance analysis and stability and control analysis. Each field is intimately associated with flight testing and wind tunnel testing. Performance assignments include preparation of sales presentations, operating instructions and preliminary design work in connection with new aircraft; stability and control assignments cover wing and tail design as well as studies concerning detailed control systems.

GEOASTROPHYSICS

SEATTLE AREA

Theoretical physicists or astronomers with Ph.D. in physics or astronomy on the staff of the Geoastronomy Laboratory, Boeing Scientific Research Laboratories, to carry out theoretical research studies in the field of Geoastronomy, particularly in connection with the phenomenology and physics of the planetary system. Excellent support is available for research in Solar Physics, Solar Terrestrial relationships and Upper Atmosphere Physics.

Advantages you'll enjoy at Boeing include up-to-the-minute facilities, unexcelled research equipment, insurance and retirement programs, and a company-paid graduate study program (M.A. and Ph.D.) designed to help you get ahead faster.

For further information write: Mr. Stanley M. Little, Boeing Airplane Co., P. O. Box 3822 - UMI, Seattle 24, Wash.

BOEING

Lt. MYRON W. GWINNER, BS For., a weather forecaster for the USAF at Charleston AFB, writes that DOUGLAS SULLIVAN '58 reported to the same detachment recently after a year of training in meteorology at U.C.L.A. Myron tells about buying an old picture of the Columns at an auction of furnishings of the old Sea-Island Hotel in Beaufort, S. C.; he has no idea how the picture got there, and he is curious about the age of it. The picture shows four of the Columns with moss on them. Gwinner's address is Detachment 52, 9th Weather Group, Charleston AFB, S. C.

ELLA WYATT DAVIS, BJ, AB, is on the Women's Department staff of the Tulsa Tribune. Her home address is 1565 S. Yorktown Ave., Tulsa.

BERNARD (Ardy) FRIEDBERG, AB, 1813 N. Edgemoor, Wichita, Kan., is a reporter on the Wichita Beacon.

REX F. LORENCE, BS BA, is staff assistant, sales department, Beech Aircraft Corp., and lives at 3906 E. 16th, Wichita, Kans.

ROBERT L. RUSH, BS EE, 2001 S. Glendale, Wichita, Kans., is an Engineer for Boeing Aircraft.

58 Pvt. JOHN D. MIKULCIK, BS Agr., of Route 2, New London, Mo. recently completed eight weeks of military police training at Fort Gordon, Ga.

Mr. and Mrs. Darrell Berlin, (Mrs. Berlin was GRACE SMITH, former student) announce the birth of Grace Esther Berlin on Sept. 29. The family lives at 102 N. W. 7th St., Gainesville, Fla.

ARNOLD POTTS, BS Agr., is teaching chemistry, general science and biology at Cuba, Mo. Mrs. Potts, a former student, was ANN McINTYRE. Their son, Gregory Allen, was born last May.

CHARLES BRINK, AB, is a field representative for Aetna Casualty and Surety Co. Mrs. Brink, the former DOROTHY GOODIN, BS HE '59, is teaching kindergarten. They live at 3219 N. Haskett, Dallas 4, Tex.

MARVIN MERCER, BS Agr., has purchased a farm on Route 2, Grant City, Mo. His wife, the former PATSY HOECH, BS Ed. '57, and their year-old son, Richard Lee, are enjoying farm life very much.

LESLEA C. WENK, BS HE, 7132 S. Crandon Ave., Chicago 49, Ill. is a control buyer at Spiegels mail order house. Her line is hosiery.

Mrs. Bill Smith, NANCY LEE BARKER, BS Ed., is teaching homemaking at Eastgate Junior High in North Kansas City. The Smiths live at 2925 Buchanan St., North K. C.

NORMAN J. WILLIAMS, LLB, AB '56, has opened a new law office at 18 S. Maple St., Eldon, Mo.

Marine 2nd Lt. NORMAN L. CAPPS, BS BA, of 3607 E. 34th Terrace, N. Kansas City, Mo. was designated a Naval Aviator in November, at the Pensacola NAS.

J. DOUGLAS GULICK, BS BA, and his wife BETH TEDFORD Gulick, BS Ed. '58, live at 247 Leming, Corpus Christi, Tex. He is an accountant for Columbia Southern Co.

59 JAMES R. BRESHEARS, BS Agr., is a management trainee with Sealtest Co. He and Mrs. Breshears (JEAN OHLHAUSEN, BS HE '57) live at 209 North Western, Peoria, Ill.

GRACE CAROLYN FRIESZ, BS HE, 1502 Raymond Ave., St. Paul, Minn., is a graduate student at the Univ. of Minn., majoring in textiles and minoring in education. She is also resident counselor at Clovia, a small sorority near the St. Paul campus.

DENNIS GLEASON, BS EE, is electrical engineer with the Salt River Project. Mrs. Gleason, FRANCES LEE HENDERSON, BS HE '59, is registrar for the Camp Fire Girls. The Gleasons live at Parks Apts., Apt. 20, 1403 E. 8th St., Tempe, Ariz.

WILLIAM W. HOERTEL, LLB, has a law office in the Scott Bldg., Rolla, Mo.

JOHN ROPER, BS BA, of 579 N. Clay, Marshfield, Mo., graduated in November from Navy OCS, at Newport, R. I.

JACK WILKS, BS CE, formerly on the engineering staff of the Wright-Weeks Co. of Springfield, Mo., has become a member of the engineering staff of the Springfield disposal plants.

VIRGINIA SMALLWOOD, BS Ed., is teaching vocational home economics in high school at Marshall, Mo. She lives at 318 E. Vest, Marshall.

2nd Lt. THEODOCIA TEMPEL, Box 232, Brooke Army Hospital, Fort Sam Houston, Tex., is doing dietetic internship with the Army.

NANCY SUE AYERST, BS HE, 1421 W. 5th St., Los Angeles 17, Calif., is an interior decorator and color consultant for Barker Bros. in Los Angeles.

Dr. DONALD E. SKLENAR, MD, is an interne at Wesley Hospital, Wichita, Kan., and lives at 2204 Jardine St.

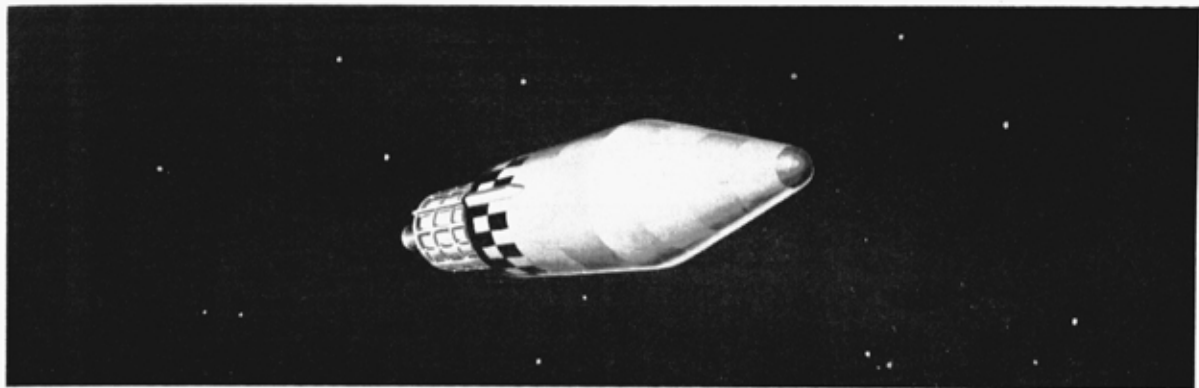
BILL DALE VINEYARD, Ph.D., is a research chemist for the Celanese Corp. His address is 4334 Laura Pl., Corpus Christi, Tex.

GILBERT ZIEGELBEIN, BS EE, 2603 W. 24th St., Wichita, Kan., is an engineer for Boeing Aircraft.

2nd Lt. WILLIAM H. BARRON, BS BA, of 440 E. 55th St., Kansas City, Mo., recently completed the field artillery officer basic course at Fort Sill, Okla. Also completing the course in December were: WAYNE V. BLACK, BS PA, of 2014 Erie St., North Kansas City, Mo.; WALTER C. TARDE, BS Ed, 3828 Humphrey, St. Louis, Mo.; AUGUST D. OLIG-SCHLAEGER, BS Agr., of Route 1, Tipton, Mo.; RANDALL L. STONER, BS BA, of Watson, Mo.; and GALEN F. HART, BS Agr. '58, of Urich, Mo.



A comprehensive industrial survey of eleven Mid-Missouri counties, directed toward determining the area's potentials for industrial development and expansion, is to be made by the University with the support of a \$13,000 grant from the Mid-Missouri Development Council. The survey will be conducted by the Engineering Experiment Station of the College of Engineering under the direction of Dr. Robert M. Eastman (left), shown discussing the project with Dean Huber O. Croft (center) and C. L. Harper, Surgeon, president of the Council.



EXPANDING THE FRONTIERS OF SPACE TECHNOLOGY

Lockheed Missiles and Space Division is systems manager for such major, long-range projects as the Navy POLARIS Fleet Ballistic Missile; the AGENA satellite in the DISCOVERER program, under the direction of the Air Force Ballistic Missile Division (ARDC); MIDAS infrared detection satellite system; SAMOS satellite program; Air Force X-7; and Army KINGFISHER.

These programs include: applied mathematics; celestial mechanics; computer research and development; electromagnetic wave propagation and radiation; electronics; the flight sciences; human engineering; hydrodynamics; man in space; materials and processes; operations research and analysis; ionic, nuclear and plasma propulsion and exotic fuels; sonics; space communications; space medicine; space navigation; and space physics.

Headquarters for the Division are at Sunnyvale, California, on the San Francisco Peninsula, and research and development facilities are in the Stanford Industrial Park

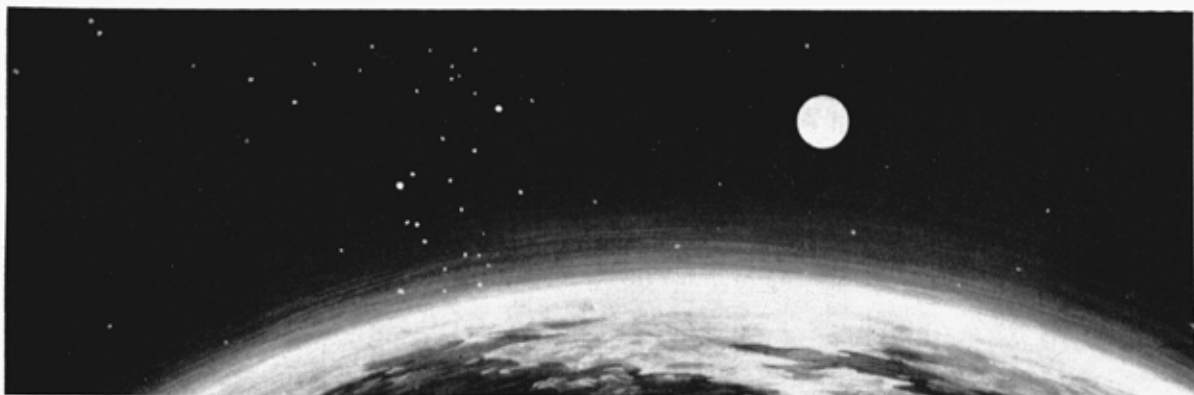
in Palo Alto and at Van Nuys in the San Fernando Valley. Facilities are new and modern and include the latest in technical equipment. A 4,000 acre Division-owned static test base in the Ben Lomond mountains near Santa Cruz provides for all phases of static field test. In addition, flight test facilities are provided at Cape Canaveral, Florida, and Vandenberg AFB, Santa Maria, California.

ENGINEERS AND SCIENTISTS

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Lockheed / MISSILES AND SPACE DIVISION

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KATHRYN RATCLIFF, BS HE, '550 N. Dearborn, Chicago 10, Ill., is working in Sears, Roebuck & Co's textile testing lab in Chicago, and is working on Saturdays at Marshall Fields.

weddings

48

LARRY KELLY and Dorothy Cahalan, Nov. 26, at Edina, Mo. They make their home in Edina, where Mr. Kelly is manager of the Kelly Furniture and Appliance Store.

51

BARBARA BUGG, BS Ed., and Wayne Faber, in St. Louis on Nov. 29. She is teaching in the University City school system, and he is working on his masters degree at Washington U. and is working at McDonnell Aircraft Corp.

52

JACK R. BRANDENBURGER, AB, and Diane Frerichs, Nov. 7 at Cuba, Mo. They will make their home in Kansas City, Mo.

55

PAUL PALMER, MS, and Linda Berry Anderson, Nov. 27, in St. Paul, Minn. They plan to live in Memphis, Mo., until the groom's induction into the Naval Air Intelligence Service Officer Candidate School.

56

JOE JACKSON, IV, BS BA, and Sally McClure, Dec. 27, at Kirksville, Mo. Lt. Jackson is planning to continue his studies at M.U. as soon as he is released from the Navy.

57

GERALDINE HARRIS, BS Ed., and ROBERT G. WADE, BS CE '55, Dec. 27 at Sturgeon, Mo. Their address is 434 E. 31st Ave., North Kansas City, Mo.

QUENTIN H. GREENLEY, BS Agr., and Marvian Miller, Nov. 15, at Gorin, Mo. They live at their farm home near Novelty, Mo.

J. TERRILLE PHILLIPS, BS BA, to Marlene C. Horton, June 13. She is an employee of the Schmidt & Sefton advertising agency in Grand Rapids, Mich., and he is employed with the Union Carbide Corp. as the Western Michigan representative for the Prestone Automotive Products Division. They live at 1466 Burke Ave., N.E., Grand Rapids.

JANE SHIRAIISHI, BS Ed., AM '59, to Bernard Karl Festerling, Nov. 21. He is manager of Beneficial Finance Co. on the island of Maui, Hawaii, and she is a speech and hearing specialist for the Department of Public Instruction in Hawaii. Her address is PO Box 305, Kahului, Maui, Hawaii.

ALLAN ROY BARDACK, AB, to Marilyn Joye Jesselson, Sept. 27, in New York City. Allan is a member of Bardack Realty Co., Jersey City, and their home address is 40 Gifford Ave., Jersey City, N. J.

MARGARET NORDEEN, BS Ed., to JACK SENTER, '56. Their address is 9301 Cherokee Pl., Kansas City 15, Mo.

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MARIAN L. KLINGBEIL, BS Ed., to Charles E. Williams, Dec. 5, at St. Louis. They live at 9500 McKnight Ave., N.E., Albuquerque, N. M., and Mr. Williams is a research associate in the physics department of the U. of New Mexico.

REX A. WAID, BS EE, and Patricia Dawson, Dec. 20, at Columbia, Mo. She is employed in radiology at the University Medical Center, and he is teaching in the electrical engineering department at M.U. They live at 1606 University, Columbia.

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JANE ANN GIFFORD and THOMAS RAYMOND GORMAN, Nov. 15, at Webster Groves, Mo.

JOYCE GAY GALLIVAN, BS Nur., and Dr. David L. Hagar, Nov. 28, at Columbia, Mo. They live at 1101 W. 38th St., Kansas City, Mo., where Dr. Hagar is on the staff of the University of Kansas Medical Center.

FRANCES STREET, a senior in the school of nursing, and JOHN A. ARMSTRONG, BS Agr., Nov. 28, at Chillicothe, Mo. He is engaged in dairy farming at the Armstrong Dairy Farm at McKittrick, Mo.

JOYCE LORANE PACE, BS Ed., and WILEY CLEMON SMALL, BS Ed, M Ed., Nov. 7, in Columbia, Mo. He is a counselor at the Vocational Counseling Service of Greater St. Louis, and they live at 4343 Lindell Blvd., St. Louis.

MERCEDES F. FREEMAN, AB(WD), and THEODORE A. SMITH, BS CE, August 22, 1959. Ted is an ensign in the Navy, and expects to be stationed at Clarksville, Tenn., for two years. The couple lives at 1108 Madison, Apt. 2, Clarksville.

MARGARET BERRY, BS HE, and WAYNE EHLER, BS Ed., June 13, at Mt. Vernon, Mo. They will live in Charleston, S. C., where he is stationed in the Navy.

EULA ROBERTA RUNNER and JAMES C. MONTGOMERY, both BS BA, April 11, at Montgomery City, Mo. HELEN GERDES and JOHN ROBERT GRIM, BS ME, June 7, in Columbia. She will continue her studies at the University and he is employed by the University in civil engineering work.

HARRIETT PAGE KALLENBACH, AB, and DONLIN M. LONG, M.D., June 13 in Jefferson City. He will begin internship at University of Minnesota Medical Center.

LAURA LEE BRINKMAN and PHIL-LIP L. SANDFORT, AB, June 19, at Lake Ozark, Mo. The couple live in Fort Riley, Kan., where he is a 2nd Lt. in the Army.

MARY ELISABETH McKEMY., BS Ed., and ELROY F. ASLAKSON, June 21, at Hardin, Mo. They are making their home in Centralia, Mo., while he finishes his studies at the University.

MARY JANE MEYER, BS Nur., and Dr. Glenn Monroe Hickey, in May in St. Louis. They live in Cleveland, Ohio, where Dr. Hickey plans a four-year specialization at Western Reserve University Hospitals.

JEANELL JOAN KALTWASSER and JAMES B. PEEK, BS BA, June 6, in Altonburg, Mo. She is employed at the University Medical Center, and he is doing graduate work at the University.

MARIANNE HAGGARD, BS Ed., and JOHN HALL DALTON, AB '49, June 20, at Steele, Mo. They make their home at 315 College, Kennett, Mo., where he is practicing law.

deaths

Capt. JESSE M. OWEN, LLB '98, captain of a company from Callaway County (Mo.) during the Spanish-American War, at Union, Mo., Jan. 2. He is survived by his wife, Mrs. Nelle Owen of Union, Mo.

AUSTIN B. GRIGGS, BS CE '99, Jan. 8, at Topeka, Kan. He retired in 1942 as a valuation engineer for the Santa Fe Railway, and had lived in Topeka since 1914. He is survived by his wife, at 1129 Western, Topeka, a stepdaughter, stepson, and a brother.

WILLIAM B. PETTUS, '01, 1700 Spruce St., Berkeley, Calif., Dec. 8, 1959. For many years president of the College of Chinese Studies, Peiping, China, he was a life member of the International Phonetics Association, life Fellow of the Royal Geographic Society, lecturer at the University of California, at Claremont College, and the University of Nanking.

Dr. WARREN LOGAN ALLEE, '02, Nov. 23, at St. Petersburg, Fla. For more than 40 years he had been a member of the board of directors of the Bank of Eldon (Mo.), and was recently elected to the post of honorary chairman of the board. He had served as president of the Missouri State Medical Association in 1954, and for a number of years was one of Missouri's four delegates to the American Medical Association. Dr. Allee's son, Dr. JAMES W. ALLEE, AB '28, lives at 10126 Yacht Club Dr., St. Petersburg 6, Fla.

WALDO EDWARDS, LLB '06, Nov. 30, at his home, 219 Duff St., Macon, Mo. He had retired from the Macon County circuit court bench in January, 1959, and was a past president of the Missouri Board of Bar Examiners, having served on that board for 20 years. He was active in the practice of law throughout the state. On several occasions he accepted appointment as a special commissioner of the Missouri Supreme Court and heard many important cases. In April, 1957, he was presented the Distinguished Service Award by the M.U. School of Law. He is survived by his wife, a daughter, and two grandchildren.

BENJAMIN ROBINSON WILLIAMS, BS CE '10, Dec. 22, at Troy, Mo. He had been Lincoln County highway engineer since 1932. Survivors include three brothers, Walter, Ralph and A. H. Hardin, all of Silex, Mo.

CURTIS BURNAM ROLLINS, Jr., LLB '14, AB '12, member of a pioneer Columbia family and grandson of James S. Rollins, "father of the University of Missouri," Dec. 19 at University hospital, where he had been a patient since September. He was associated with the Rollins-Vandiver-Digges insurance agency. He is survived by a sister, Mrs. W. D. A. Westfall, 508 Westmount Ave., Columbia, a niece and a nephew.

LINDELL LLOYD CRUMP, Sr., BE EE '15, Nov. 10, at his home in Kirkwood, Mo. He was with the 37th Engineers in World War I, then joined the Union Electric Light & Power Co., St. Louis, where he served as a construction engineer for about 13 years. He then joined the James R. Kearney Corp., St. Louis, as a design and sales engineer. At the time of his retirement in 1958, he held the position of vice-president and coordinator of sales and engineering. He held many patents in the field of electrical power devices. He is survived by his wife, of 550 N. Clay Ave., Kirkwood 22, Mo., three daughters and two sons.

LOUIS SEUTTER, BS Eng. '17, ME '18, Aug. 2, 1959. Mrs. Seutter lives at

5604 W. Washington Blvd., Milwaukee 8, Wis.

RUTH BARTON LOGAN PICKETT, BS Ed. '19, Dec. 17, 1959, at Bronxville, N. Y. Survivors include a sister, Mrs. J. O. Pasley, 5390 Pershing Ave., St. Louis 12, Mo.

Mrs. J. K. Fyfer, formerly JANE CONNELL, BS Ed. '22, AM '32, Dec. 26, after an illness of several years. She began teaching in Columbia in 1915, was principal of Lee School in 1916, and later held the same position at the University elementary school. In 1923 she became principal of Jefferson Junior High School, and served there for 16 years. She later taught artcraft at Hickman High School, and retired in 1949. She was active in club, school, and church work. Survivors include a daughter, Mrs. Maurice E. Cooper, 1000 Wayne Rd., Columbia, Mo.

HUGO H. SCHUBERT, '23, Nov. 29 at his home in Russellville, Mo. He was owner and manager of the Schubert Mercantile Co. and the Schubert Funeral Home, director of the Community Bank of Russellville and president of the Russellville Consolidated School District, and was a former mayor of Russellville. Survivors include one son, Don Schubert, 1616 S. Taylor Dr., Jefferson City, Mo.

Dr. HUGH G. HAMILTON, AB '27, BS Med. '29, Jan. 4, 1960, in a hospital in Pachuca, Mexico. He had been on vacation with members of his family when he became ill and underwent emergency surgery for a perforated ulcer. He received his medical degree from the University of Pennsylvania in 1931, returned to Kansas City, and had been in practice there since that time. He is survived by his wife, 3800 Baltimore Ave., Kansas City, Mo., a son and a daughter.

RAY BAUMGARTNER, '28, Dec. 1, 1959, at his home in Columbia. He and his brother operated the Campus Barber Shop on Conley Ave. He is survived by his wife, the former Grace Owen; two sisters and four brothers.

M. KARL GOETZ, AB '31, Jan. 17, at the Missouri Methodist Hospital in St. Joseph, Mo. He was president of the M. K. Goetz Brewing Co. in St. Joseph, and grandson of the man who established the firm in 1859. He was also president of the Lincoln Realty Co., the Crystal Ice Co., and the Viscosity Oil Co., and a member of the board of directors of the Missouri Brewers Association and the U. S. Brewers Foundation. He was chairman of the board of the Artesian Ice and Cold Storage Co., and a director of the Calla E. Varner Foundation in St. Joseph. He is survived by his wife, Route 1, Bridleweath Farm, St. Joseph, Mo., a son and a daughter.

MAE TRALLER, '32, Dec. 7, at the Ruffin Rest Home in Springfield, Mo. She taught at Everton for 32 years, retiring in 1944 with a "Mae Day" celebration attended by many of her 1500 former students. She wrote regular columns for the Greenfield Vedette and "The Fence Rider," a Sheffield Steel Co. publication. She contributed news stories, features and poetry to St. Louis, Kansas City, and Springfield newspapers, and several magazines. Her only survivor is a sister, Mrs. M. C. Swindler, 1120 W. Portland, Springfield, Mo.

WARREN G. MOLLENKAMP, BS BA '39, Dec. 10, at Lexington, Mo., Memorial Hospital. He served in the Marine Corps during World War II, and was in command of a torpedo squadron during the Guadalcanal campaign. While in service he contracted a spinal disease which left him paralyzed in the lower half of his body and led indirectly to his participation in the development of a hand control which enables paraplegics, amputees and other handicapped persons to drive automobiles. He set up business in Clinton, Iowa, moving in 1953 to Lexington, where he built a shop and conducted his business by direct mail in most of the 50 states and in some foreign countries. He held the rank of Lt. Col., retired, in the Marine Air Corps. He was active in church and civic affairs and took part in many community campaigns and promotions. He is survived by his wife who lives on Tevis Bridge Rd., Lexington, Mo., two sons and a stepson.

JESS L. TAYLOR, AM '41, Jan. 4, 1960, at Grandview, Mo. He had been superintendent of the Grandview consolidated district No. 4 since 1948, during which time the enrollment grew from about 400 to more than 3,000. In recognition of his work, a yearly scholarship was set up in his name in 1955 at Grandview. He was active in lodge, civic and church groups, and a past president of the Central Mo. Teachers Association. He is survived by his wife, Mrs. Althea Taylor, 1001 Main St., Grandview, Mo., and two sons.

A. W. (BILL) BAKER, BS Agr. '43, in an airplane accident, Dec. 2, 1959. He was manager of the Cotton States Cattle Co., with offices at Whitehaven, Tenn. His widow, ANNE HOGAN Baker, of the class of '41, and three daughters live at 215 Virginia Ave., Oxford, Miss.

WILLIAM McCLURE FLEMING, BS ME '49, Jan. 9, 1960, of a heart attack at his home in Carlsbad, N. M. He had been employed by the Potash Mines of America Co. since 1949. He is survived by his wife, the former ELINOR RUTH SCHAEFER, AB '46, two sons, and two daughters, of 917 N. Alameda St., Carlsbad, N. M.

Report from Miami

Yes, we lost the ball game in the Orange Bowl, but nothing else. In my opinion, the entire experience of participating in the Orange Bowl festivities adds up to a definite plus for everything Missouri. From the standpoint of making a favorable impression on the public, I am convinced that our Tigers, our Band, our students, our cheerleaders and the alumni all came through with flying colors. I might add that even the state of Missouri is better understood and appreciated by thousands of people who didn't know much about it before the Show Me contingent descended on Miami.

To the 75,000 people in the stadium and the millions who watched on television, the team gave a far better account of itself than the experts had figured. Everywhere the Missouri players went during their eleven days in the Miami area, their appearance and conduct drew many favorable comments; this is not always the case with every visiting team.

All of you who watched the performance of the Marching Mizzou Band on television do not have to be reminded that it was a top notch production. The Band showed up to great advantage also in the New Year's Eve parade in downtown Miami. Besides their marching and playing, the well-disciplined Band members also were good ambassadors for the University, and they won many friends for us.

The Orange Bowl week served as an occasion for a big alumni reunion; we met many graduates and former students we had not seen in years, and there was no mistaking their pride and enthusiasm for M.U.

It was estimated that between 4,000 and 5,000 Missouri fans were on hand for the game, and surely a fourth of them must have got around at one time or another to the alumni headquarters hotel, the Shamrock Isle. For us the week opened on December 27 at a meeting of Miami area alumni at the hotel where about 65 persons were on hand for an informal session. At our registration desk in the lobby, visiting alumni dropped in each day. During the last three days before the game activity picked up tremendously. The headquarters desk was swamped as the week's total number of registrations reached approximately 600, and one thousand new Mizzou buttons were distributed. About 350 persons attended the pre-game brunch at the hotel and nearly that many made the round trip to the stadium in eight special busses. That ride was a thriller for many of the passengers; two motorcycle policemen escorted the bus caravan and they put on a great show. The 23-mile route from the hotel to the Orange Bowl was made in half an hour as the motorcops halted traffic and had our busses running red lights, in the wrong lane and cutting diagonally across intersections.

We look on Missouri's participation in the Orange Bowl as a very profitable experience in which the University and Missouri gained a great amount of respect and prestige among a wide segment of the public.

BUS ENTSMINGER

Membership Memos

More Successful Campaigns

Since our last issue, five more Missouri counties—Buchanan, Holt, Lafayette, Nodaway and Worth—have completed successful membership campaigns. Each of these counties moved up at least one notch in the Honor Roll of clubs shown on the next page. In each instance all the members of the county membership committees worked hard to achieve these results, but chairmen Ken McNeal of St. Joe, Harrison Milne of Oregon, Ike Skelton of Lexington, A. J. Dinsdale of Maryville and Dr. Frank Matteson of Grant City must come in for a lion's share of the credit for the necessary planning and leadership.

First Honor Club

Memberships already in assure that Bill Denslow's Grundy County Committee will be the first in the state to reach the Honor Club status. So far the committee members have accounted for a total of 29 active members of the 115 alumni in Grundy County, and the campaign has a week to go.

Make Mine Medium Rare

The Putnam County Membership Committee put their drive on a sporting basis. Even though they need only one additional member to make the Honor status, they're going to shoot for double or nothing. They think they can double their active membership and take the top percentage in the country, and they're willing to bet a steak dinner on it. If they don't make it by February 1, Chairman Don Shuey will pick up the check for Field Secretary Jean Madden; and if they do, Madden will get the tab. . . . Any other takers?

Colored Pencils in the Boiler Room

Using a takeoff on a professional fund raising technique called the "Boiler Room," the Buchanan County Membership Committee added over 40 new members in the St. Joe area during a two-hour telephone session at Harold Niedorp's office. The Buchanan County list was distributed among the eight members of the committee with telephone numbers of non-members marked. As the calls were made these lists were marked with colored pencils: a green mark meant to bill the person for membership, a brown mark meant to call again in the future, an orange mark meant not interested, a purple meant that the person couldn't be reached, etc. Of 104 alumni contacted, 59 asked to be billed and 40 have since joined, 24 asked to be contacted again in the future and only 21 indicated that they were not interested. This wonderful response bodes well for the future of this technique in other Missouri cities and in out-of-state alumni clubs where size makes personal solicitation illogical.

JEAN MADDEN

Honor Roll of 110 Alumni Clubs

TO BE REVISED QUARTERLY . . . PUBLISHED MONTHLY

(Those University of Missouri Alumni organizations which have earned recognition by strength of paid membership and participation in national and local programs)

HONOR CLUBS—Active membership of over 25% of potential)

GRUNDY COUNTY

DISTINGUISHED CLUBS—Active membership of over 20% of potential)

Cleveland, Ohio
Holt County

Indianapolis, Ind.
Knox County
Macon County

Moniteau County
Nodaway County

Ste. Genevieve County
Webster County

SUPERIOR CLUBS—(Active membership of over 15% of potential)

Buchanan County
Butler County
Camden County
Cole County
Dallas, Texas

Grundy County
Lafayette County
Lincoln, Nebr.
Memphis, Tenn.

Perry County
Pettis County
Putnam County
Ray County
St. Charles County

Sullivan County
Warren County
Washington, D. C.
Wichita, Kansas
Worth County

ACTIVE CLUBS—(Active membership of over 10% of potential)

Andrew County
Atchison County
Audrain County
Barton County
Bates County
Boone County
Cape Girardeau County
Cedar County
Corpus Christi, Tex.
Denver, Colo.
Detroit, Mich.

Douglas County
Fort Worth, Texas
Harrison County
Honolulu, Hawaii
Houston, Tex.
Jacksonville, Fla.
Jasper County
Jefferson County
Kansas City
Livingston County
Madison County

Marion County
Mercer County
Miami, Florida
Miller County
Mississippi County
Monroe County
New Madrid County
New Orleans
New York, N. Y.
Okla. City, Okla.
Osage County

Ozark County
Pemiscot County
Peoria, Ill.
Phelps County
Saint Louis
San Diego, Calif.
Scott County
Shelby County
Vernon County
Tulsa, Okla.
Wayne County

ORGANIZED CLUBS (Over 5% of potential)

Barry County
Callaway County
Chariton County
Christian County
Clark County
Daviss County
Dent County
Franklin County

Gasconade County
Gentry County
Greene County
Henry County
Howard County
Howell County
Johnson County
Lewis County

Los Angeles, Calif.
Montgomery County
Newton County
Polk County
Pulaski County
Ralls County
Ray County
Rockford, Ill.

St. Francois County
Saline County
Scotland County
Shannon County
Stoddard County
Texas County
Wright County

For information on ranking or position of clubs or any other questions concerning existing or future clubs, contact: Jean Madden, Club Secretary, 101 Read Hall, Columbia, Mo.

TEACHING BY TV

Bell System facilities meet a new need. Already a vital link in filling educators' requirements within a locality, state or across the nation

An interesting current development in education is the use of television for instruction—both in classrooms and in the home.

Evidence that a shortage of qualified teachers is developing coincides with the need for some way to meet the awakened interest in mathematics, physics, chemistry, and education in general—from the elementary school to the college level.

Many educators, in studying the twin problem, are thinking more and more about the possibilities of Educational TV in their teaching programs.

In transmitting TV lessons and lectures from place to place, various means are available. Closed circuit Educational TV systems between schools may be required. Or connection between broadcasting stations in different cities. Or a hook-up between closed circuit systems and one or more broadcasting stations.

Whatever distribution of TV is needed, in city, county, state, or across the country, the Bell Telephone Companies are equipped to provide it. They have the facilities and years of know-how. And the on-the-spot manpower to insure efficient, dependable service.

For over three years, the local Bell Telephone Company has provided the closed circuit ETV network



HELPING TO TEACH . . . HELPING TO LEARN. Classroom scene in Cortland, N. Y. This is one of the schools now using Educational TV. More than one TV receiver can be used where teachers wish to accommodate larger classes at one sitting.

which successfully serves thirty-six schools in Washington County, Maryland.

In Louisville, Kentucky, telephone company facilities now connect five elementary schools. In New York State, they serve a high school and seven other schools in the Cortland area.

In San Jose, California, they link four schools with the campus of San Jose State College. And in Anaheim, California, eighteen schools are served by TV.

The largest of the many current educational TV projects is called Continental Classroom. The Bell

System is one of the business organizations which support it.

In this great "classroom," about half a million people get up early each weekday to view a half-hour lecture on Modern Chemistry on their TV sets at 6:30 A.M. This 32-week college course goes from coast to coast over Bell System lines.

The Bell Telephone Companies believe their TV transmission facilities and know-how can assist educators who are exploring the potential value of educational television.

They welcome opportunities to work with those interested in this promising new development.

BELL TELEPHONE SYSTEM

