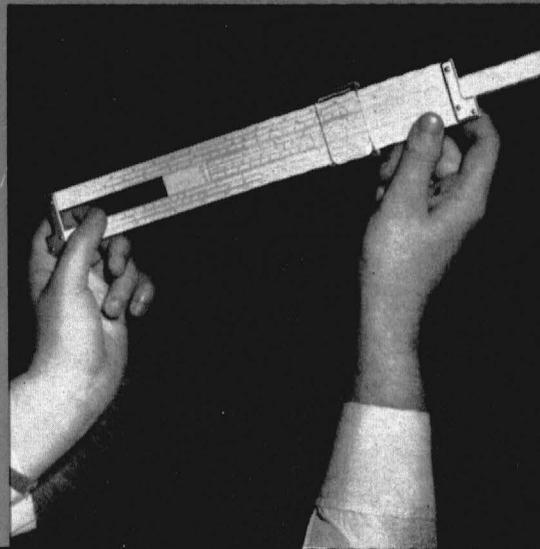


MISSOURI  
**Alumnus**

F E B R U A R Y 1 9 5 8





Photographed at the Nassau Straw Market, one of the tourist attractions of the Bahamas.

**I**F you are like most couples, the years after forty-five can be as rewarding as any in your lives. You've raised the children, seen them settled. Now you can look forward to enjoying many things you deferred while the family was growing up—to pleasant years made secure and independent by a lifetime of saving. How wise to protect that independence by investing part of your savings conservatively in safe, sure U.S. Savings Bonds! The return is good— $3\frac{1}{4}\%$  at the bonds' maturity. And you can increase your security so easily by buying more Series E Bonds regularly where you bank or automatically through the Payroll Savings Plan at work. Or, if you'd rather have your interest as current income, order Series H Bonds through your banker. The time to do it? Now. When financial independence counts, count on U.S. Savings Bonds!

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MISSOURI **Alumnus**

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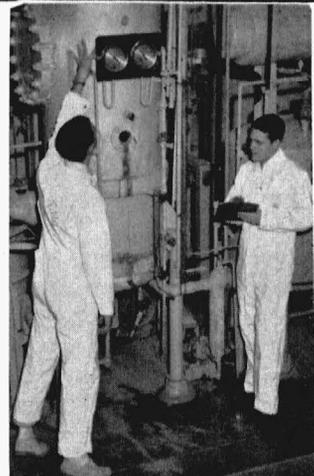
**THE MISSOURI ALUMNUS**

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*About the Cover*

These scenes sort of set the stage for the leading article in this issue, which features the recent Missouri Conference on Utilization of Engineers and Scientists. The chemical engineering students in the large photo are Frank J. Berveiler, Jr. (left) and James E. Fick. The hands in the small picture belong to Bill Bunker.

Photos by  
Vivian Hansbrough.



Dr. Robert M. Eastman

Professor of Mechanical Engineering, and secretary of the Missouri

Conference, sums up results of two-day meeting on

## **utilizing engineers and scientists**

In spite of the current downtrend in business, the long term demand for engineers and scientists is steadily rising. Modern complex technology requires far more engineers per one thousand employees than did manufacturing in the past. An expanding population requires more scientists and engineers to maintain and increase our standard of living. Current military equipment needs many more scientifically trained personnel for its design and operation.

Although the output of engineers and scientists from the colleges and universities has risen, it has not kept pace with the soaring demand. One solution to the discrepancy between demand and supply is better utilization of present scientifically trained personnel. On April 5, 1956, President Eisenhower established the President's Committee on Scientists and Engineers as an action group to coordinate and stimulate the nation's efforts to meet the shortage of scientific manpower. Part of the Committee's program is promoting conferences of industrial executives on the Utilization of Engineers and Scientists.

After four pilot conferences in other parts of the country, the first regular conference on Utilization of Engineers and Scientists was held at the University of Missouri on December 16-17, with about one hundred persons attending. The conference was co-sponsored by the College of Engineering of the University of Missouri and the Missouri Society of Professional Engineers. Many individuals gave freely of their time and effort to make the conference a success. The participants were enthusiastic about the value of the conference and believed that the ideas brought out will help both the individual organizations and the nation's overall scientific effort.

After three keynote speakers and a luncheon, the conference divided into four panel discussion clinics. The topics of the discussion clinics were:

1. Technicians for Non-Professional Work;
2. Recognizing Engineers as Part of Management;
3. Increasing the Effectiveness of the Present Engineering and Scientific Staff;
4. Training and Professional Development of Engineers.

Each clinic had two or three papers on the designated subject followed by a discussion. On the second morning the entire conference met for reports from each clinic and a general discussion. The exchange of ideas in the discussion was one of the most valuable parts of the conference.

The conference was fortunate in having fine speak-

ers for the luncheons and banquet sessions. After the first luncheon, John M. Dalton, Attorney General of Missouri, spoke on professions and ethics. At the banquet, Edwin M. Clark, president of Southwestern Bell Telephone Company, St. Louis, spoke on "Education for Tomorrow." At the final luncheon session, Dr. Howard L. Bevis, chairman of the President's Committee for Engineers and Scientists, reported on the work and accomplishments of the committee.

The conference agreed on certain trends and principles, although no formal report was drawn up. The first is that better utilization of scientists and engineers requires greater use of technicians and sub-professional personnel. This will release the professional engineer or scientist for truly high level creative work. A major difficulty is the short supply of adequately trained competent technicians. Another is the reluctance of many engineers (and company managements) to delegate non-professional work to technicians.

Since additional personnel with scientific training are not readily available, the nation must increase the effectiveness of presently available personnel. This can be done by upgrading, additional training, more recognition, better pay, and assignment of truly engineering work to the engineer and scientist. More effective use of present engineers would reduce the demand to levels more in line with the future available supply. This is particularly important since it takes several years to educate and train a professional person.

More attention must be paid to the on-the-job training and the professional and personal development of engineers and scientists. The formal education is not enough for professional work and must be supplemented by added training. Graduate work is becoming increasingly popular as our technology increases in complexity and coverage.

Finally, modern industry requires more and more men with scientific training for management positions. Many of today's engineering graduates will end up in supervisory positions in which they do little or no technical work. Our plans and training must consider this demand for engineers and scientists for management.

There were many other ideas, reports of present practices and suggestions. These ideas will help our country as well as our employers of engineers meet this critical shortage of scientists and engineers.

*excerpts from some of addresses  
heard at conference*

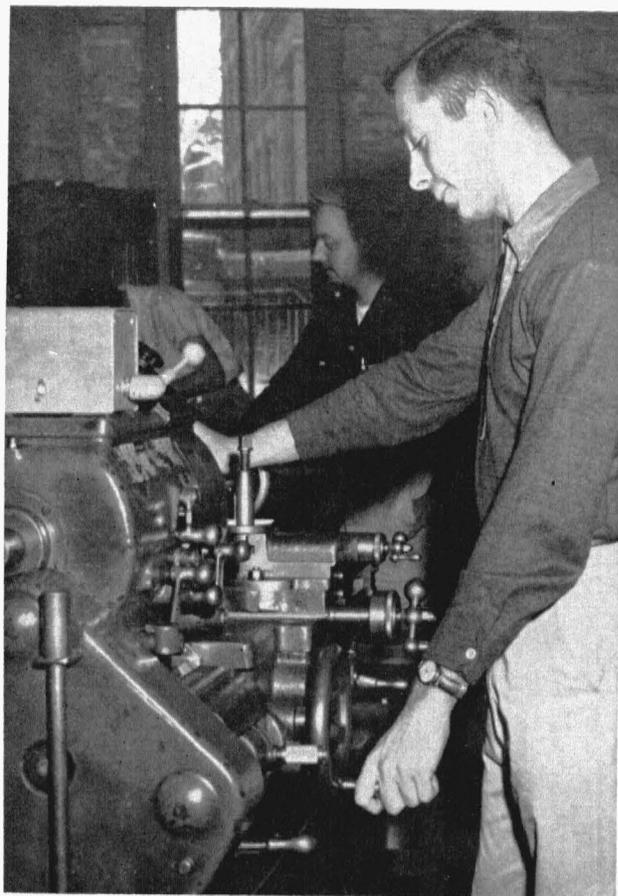
**W. C. REDMAN**, head of Experimental Physics Section, Reactor Engineering Division, Argonne National Laboratories:

Training for a technical profession begins in earnest following completion of high school, but only about 10 per cent of the potential professional life is spent in the acquisition of academic degrees. Industrial and business organizations owe a tremendous debt to our colleges and universities for the production of technically trained personnel, but ideally the process of education is never completed. Thus the basic problem is to provide an environment commensurate with the effective utilization of graduate scientists and engineers to assure that professional development continues throughout the working life of the individual.

The first step toward effective utilization of technical personnel is the elimination of stockpiling and misuse of their intellectual potential, and their assignment to activities for which they are mentally and physically suited. Stockpiling in anticipation of future need is a situation which is definitely limited, if not eliminated, by economic considerations. It is my opinion that misuse of technical personnel is not as prevalent as is normally supposed. Much concern is expressed over the diversion of science and engineering graduates into sales, management, supervision of production, time and motion studies and the like.

However, I believe that the attitude that we must take is that these people have found a situation wherein their educational background is utilized in a manner consistent with their special interests and capabilities. An analogous situation exists in regard to formal training for the legal profession. Only about half of those possessing law degrees are actively engaged in the practice of law.

The term environment describes the totality of external conditions and influences affecting the life and development of a person. Long before an individual acquires professional employment, a tremendous variety of influences have served to mold his character, interests and aptitude. Furthermore, since less than half his waking hours are confined to job-related activities, his social, religious and civic contacts, and probably most important of all, his relations with his family, all exercise an important influence on his technical productivity.



**JOHN D. COLEMAN**, staff engineer, Frigidaire Division, General Motors Corporation:

There is widespread recognition of the importance of continuing education and upgrading of members of the technical staff through graduate study and the attainment of advanced degrees. Encouragement in this respect is provided by partial or complete refund of tuition upon successful completion of courses and frequently by salary increases and advancement after attainment of graduate degrees. In some instances where graduate study facilities are not available locally, industrial organizations individually or cooperatively arrange for extension courses from recognized universities.

Of equal and sometimes greater importance is encouraging technical personnel to keep in touch with developments and advancement in their fields by subscriptions to technical publications and memberships in technical societies.

Where presentation and publication of technical papers is not possible due to the classified nature of the work recognition is often provided within the organization by periodic seminars which provide the recognition for individual accomplishment that is such an important component of job satisfaction, and professional development.

Receiving more and more attention today is the

continual evaluation of latent supervisory and managerial potential in technical staffs.

Often overlooked in the past but more generally recognized today is the need for professional development paralleling the technical development of engineers and scientists. All too frequently, as stated some years ago by William J. Ryan, President of the American Society of Mechanical Engineers, such individuals are "professional illiterates" with little or no knowledge of ethical concepts relating to their responsibilities to their employer, their fellow technologists and the public. Enlightened employers recognize that it is not desirable or beneficial to be largely staffed with "technical robots" and endeavor to encourage the development of well balanced and adjusted individuals who can capably acquit themselves not only in their industry but their communities and professions.

developing maximum potential of scientific and engineering staff.

Recognition is attention and status given to an individual for job accomplishment. For the scientist and the engineer, the accomplishment is generally significant to the mission of the individual's organization or to the skills or knowledge of a profession or both. The accomplishment may represent individual effort or group effort.

A recognition program refers to an organization's total plan, in operation for granting recognition. Equitable recognition means that the company or agency or institutional program is administered on a basis fair and just to all in the group covered by the program. A program of equitable recognition for scientists and engineers is an essential to retain such personnel and to develop maximum potential of scientific and engineering staff.

Types of recognition particularly applicable to pro-



**WILLIAM G. TORPEY**, consultant, President's Committee on Scientists and Engineers:

This conference at the University of Missouri is the first in the second series of local utilization conferences sponsored by colleges and universities and professional societies under the auspices of President Eisenhower's Committee on Scientists and Engineers. The first series comprised four pilot conferences which were recently held at Charleston, West Virginia; Houston; Boston; and Denver.

One of the fundamental factors considered has been the value of an effective recognition program applicable to scientific and engineering effort. Here in Missouri the planners of this conference have realized the importance of recognition as a means of

professional employees may be classified, basically, as monetary or non-monetary.

The more common forms of monetary types of recognition are: (1) increase in basic pay; (2) supplemental pay; (3) lump sum amounts. With respect to non-monetary types of recognition, some of the more common forms are: (1) change of nature of assignment, (2) opportunity to attend meetings of professional societies, (3) opportunity to publish professional papers, (4) additional vacation, (5) letters of commendation and of appreciation, and (6) outstanding efficiency ratings.

In management circles there is an increasing acceptance of the human relations approach to administration.

The human relations approach recognizes that a prerequisite to effective performance is incentive.

**HOWARD L. BEVIS**, chairman, President's Committee on Scientists and Engineers and president emeritus, Ohio State University:

In meeting the Soviet challenge in science—and this is of crucial importance to America—the United States must not be misled into seeking to match purely military accomplishments with Russia. The Soviet challenge to the United States in science and technology is not only a military challenge—it is economic, ideological, even psychological.

America's response to the Soviet challenge must be the marshalling of our brainpower resources in company with other nations of the free world, not only for military defense, but to meet the broader challenges of the scientific age we have entered.

For the immediate future, our success in meeting the Russian threat will depend primarily on utilization—on the effectiveness with which we use the scientists and engineers now trained and available. In plain words—we must make do with what we've got.

Thus, the most important outcome of this conference, and others like it, will be the action it produces in the plants, laboratories and industries over the country.

Our job would be simpler if the creation of scientific manpower began in college. Unfortunately it begins much earlier. It takes a good many years to turn out a scientist or engineer. The young person who is to become a scientist or engineer must make the right decisions in junior high school or even before. The decision at this early stage is primarily concerned with the selection of courses, and not with ultimate career choice. He must decide to take appropriate courses in science and mathematics, since without them he will not be admitted to courses in college that will lead to a degree in science or engineering. This means that it takes a minimum of eight years to make a scientist or engineer, starting at the beginning.

But current shortages of qualified scientific personnel cannot be met by waiting for this long-time educational process to provide more scientists and engineers. We must conserve the manpower we now have.

We speak of "utilization" and "conservation" of creative manpower resources. What do we mean? The term "utilization" or "conservation" does not embrace a single specialized type of effort. Rather, utilization refers to the sum total of several personnel activities. Thus, opportunities for advancement as scientists and engineers, the elimination of routine, non-challenging assignments, the scope and adequacy of training, recognition of the professional atmosphere under which the scientist and engineer thrive best, the breadth of employee services—these approaches are among the components which make up the area usually described as utilization.



**PAUL H. ROBBINS**, executive secretary, National Society of Professional Engineers:

You have probably seen from time to time predictions for the need for scientific manpower which have ranged all the way from a feeling that we have a sufficient number available now, to what appear to be totally unwarranted estimates. Often times these predictions are expansions of statistical information of the past ten or 20 years. One of the most common bases of such predictions is a comparison between the 1940 and 1950 census figures. You will recall that the 1950 census recorded some 535,000 engineers, nearly double the number recorded in the 1940 census. Some have automatically said we must, therefore, double the number of engineers by 1960 to something over a million in the profession. While there is a slight difference in the criteria by which the 1940 and 1950 census were tabulated, the basic item which should be noted is that in the 1950 census only 54 per cent of those recorded as engineers had four years or more of college education. This then leads to the rather evident observation that in the decade of 1940 to 1950 the census began to report an item of considerable concern to those who are endeavoring to give recognition to scientists and engineers and to those who are in such dire need of their services. It stems from the failure to distinguish between those

who are well qualified by education and experience to be recognized as professional people and those who have some product or service to which they wish to give more dignity or prestige by calling the people who are associated with it "engineers." Thus, it seems apparent that to use this as our base for the prediction of future requirements of scientists and engineers is open to much more careful analysis.

Actually, we must realize that the problem we face in technology is one that is common in many fields of specialized education and training in the country today. It extends from the fact that we are endeavoring to service the high birth rate population of the 40's with the low birth rate population of the 30's. It may also be observed that our most critical times are probably past. We have only to look at our high school and elementary school populations to recognize that our problems in training engineers and scientists of the future are not so much in numbers as in facilities for providing the training that those who desire such education may secure it. Those of you who have the privilege of visiting various colleges know that the majority of our engineering schools today are about at their capacity. Serious problems of providing facilities and particularly of obtaining sufficient teachers for the numbers of young people who may wish to receive training in engineering and science in the next ten years are perhaps our most difficult national problems.

**KARL O. WERMATH**, president, Milwaukee School of Engineering, Milwaukee, Wis.:

The advancing technology in the United States is calling for an enlarged and broadened team of technical specialists. Occupations in science and engineering fall into a broad spectrum, from the craftsmen on one hand to the scientists and engineers on the other. To our best calculations we now have about 9,000,000 skilled craftsmen who apply scientific and engineering principles to the building processes, assembly lines, production work and trade and service functions. On the other end of the spectrum are 950,000 scientists and engineers—the creative team which now makes up one half of one per cent of our total population. Between these two extremes of the spectrum of our engineering manpower is emerging a new occupational group, called "The Technician." It is estimated that for each engineer we need five technicians. Among these are the engineering technicians—supporting personnel to engineers.

While the engineer plans, the technician makes and does; while the engineer creates, the technician applies. This engineering technician is often the liaison between the professional man and the craftsman. He has the same basic characteristics and fundamental educational requirements as the engineer, except that his interest and education are

more in the direction of application, with less mathematical and theoretical depth, combined with the ability to understand the instructions of the professional engineer and translate these to action either by applying his own abilities or in the direction of other supporting technicians and craftsmen.

There are various estimates as to the needs of engineering technicians in proportion to engineers. The American industrial nation requires about 200 four-year engineering graduates per million population to parallel closely the existing ratios of other modern industrial nations of the world. As for supporting technical personnel, our studies point up the need for five technicians per engineer on the engineering team. One of these five should be an engineering technician produced through a technical institute type program. This would call for approximately 35,000 such technicians per year. Last year we graduated some 11,350 from courses in 66 schools. To meet the need, technicians have been developed through other sources, including programs and on-the-job training. It is safe to say that the shortage of technicians is even more significant in America now than the shortage of engineers.

**EDWIN M. CLARK**, president, Southwestern Bell Telephone Company, St. Louis:

To produce the engineers required by the nation, I think engineering schools should offer full curricula all year long—12 months a year—with perhaps only two breaks. One break in the winter, one in the summer. In other words, an accelerated program such as the one that was in effect in many colleges and universities during World War II.

I understand, of course, some students work during the summer to help pay for their education. But I think engineering schools should be open during the summer for those students who want and can afford to go to school then.

The practice in a number of engineering schools now, as I understand it, is to ask students in the winter how many would like to attend summer school and find out what courses they want. If enough sign up for a course, it is offered. But the number of subjects offered during the summer in engineering schools usually is pretty skimpy. If need be, put in air conditioning in college buildings and run classes throughout the summer. This means professors would have to teach a longer period of time each year, say at least 11 months.

Because engineering schools now practically close down during the summer, many professors take jobs in industry and government. I don't know whether the professors leave the classrooms because the schools close down, or whether the schools close down because the professors take summer jobs somewhere else.

*(Continued on page 23)*

# Chance of Centralia

By DON BENSON

F. Gano Chance, '29, president and chairman of the board of the A. B. Chance Co. of Centralia, Mo., is convinced that a well-rounded liberal education is just as important to the engineer as the necessary technical training. No matter what line of engineering a man may follow, he still must work with people, and this means not only the customer, but fellow workers and other members of society.

This feeling first came to Chance as an engineering student at the University. He recalled that when he would meet the old grads returning on St. Pat's day and other occasions, he found many of them extremely qualified in their field, but lacking in general knowledge.

"Fortunately," Chance said, "the University today has a well-rounded program for the engineering student, but with the present emphasis on science and engineering we should take special precautions not to slip back to the old way."

F. Gano Chance has used his engineering training at the University along with education in the humanities to build what is one of the largest industries in the state and one of the leaders in its field in the United States.

In order to provide himself with a good foundation, Chance not only studied toward graduation in 1929 with a B.S. in chemical engineering, minor in mathematics, but also went into history, political science

and economics to the point that he received an A.B. the same year.

To add further to this liberal education, Chance took one year out and went with a group of students and professors on a world cruise. Regular classes were held on board ship, "but they were the humanities and not engineering," he said. In all of his traveling, Chance has visited more than 40 foreign countries and most of the United States.

Today he continues to be a student of the humanities. He reads avidly in political science, history and economics and is in constant demand as a speaker because of his great belief in free enterprise and his outspoken stand against socialism and communism.

After graduation he returned to his native Centralia to take an active part in his father's company. A. B. Chance had started the company in 1907 to make equipment for telephone companies. He had been a telephone worker and installed many of the early switchboards and lines in mid-Missouri, including the first telephone line between Centralia and Columbia in 1900.

In 1912, he devised the "Never-Creep" metal plate anchor for anchoring utility poles, an invention which is generally regarded as the foundation of the company's success. It led to Chance Company's growth into the world's largest producer of earth anchors.

In 1931 F. Gano Chance was named vice-president

*F. Gano Chance, '29, president (second from left) with three other M. U. alumni on A. B. Chance Company staff: W. L. Hollander, '29, and James K. Harper, '38, senior design engineers; and Perry Roberts, '48, methods engineer in industrial engineering department. Workman at left adjusts one part of huge three-power switch.*



of the firm and in 1939 he became president. His father had built the business from a struggling firm in an old church building to an industry doing \$1,247,000 in gross sales in 1939 and using several buildings.

Gano then took over from his father, although the founder remained as chairman of the board until his death in 1949, and guided the company until today its gross annual sales are more than \$20,000,000. The plant in Centralia has been enlarged and other A. B. Chance factories and offices have been added in San Francisco and Pittsburgh with sales offices in New York, Chicago, Atlanta, Dallas, Pittsburgh and San Francisco.

In addition, there is the A.B. Chance Company of Canada, Ltd., in Toronto, a subsidiary. Other subsidiaries are Porcelain Products, Inc., with factories in Parkersburg, West Va., and Carey, Ohio; and the American Crossarm and Conduit Company with factories in North Kansas City, Schiller Park, Ill., Minneapolis, Danville, Pa., and Gainesville, Fla. There are about 1,200 employees.

Despite the large city factories, Chance has remained in Centralia and keeps the main office there. He is rather shocked when asked why. It's just as if he had never thought seriously of leaving the home town—and he probably hasn't.

The company still makes the Never-Creep Anchor, very similar to the one designed by A. B. Chance 45 years ago. But added to this are other anchors, each for a particular purpose; pole line hardware; construction tools for telephone and power lines; hot line tools; clamps and connectors; grounding equipment; protective devices; and switches, ranging from those of low voltage up to 230,000 volts.

But, in keeping with Chance's personal standards, the company contributes to the Chance Foundation, a charitable trust established under the will of the late A. B. Chance. Recently when construction costs of a new high school in Centralia were running higher than anticipated and some desirable features were going to be eliminated, the foundation gave \$20,000 to the cause. Another \$20,000 had been given earlier to the grade school.

The foundation also spearheaded a drive and gave \$6,000 toward the installation of a network analyzer at the University electrical engineering laboratories. This piece of equipment is now in use.

In March of 1953 Chance was presented the University's Missouri Honor Award for Distinguished Service in Engineering. Although the award covered his many contributions to the field, Chance was especially cited for the development of a complete x-ray laboratory for the inspection of metal castings.

He is a director of the National Association of Manufacturers; past president and board member of the Associated Industries of Missouri; past president and director of the State Chamber of Commerce; director of the Missouri Public Expenditures Survey; a former Centralia alderman; and former member of the executive committee of the National Council for

Community Improvement. He has also been a member of the Centralia and Boone County Boards of Education.

Most salesmen working for the Chance company are graduate electrical engineers, although engineers in other fields are used both in sales and in the various factories. Many of them are University graduates. One University student, Bill Buss, divides his time between the classroom and Centralia.

Chance's son, Phillip, is returning to the University the second semester with plans of graduating in June. He has been working in the Centralia factory as an electrical engineer. Another son, Jack, completed two years at the University before going into the Navy. He is now stationed at Great Lakes, Ill., but plans to return to school when his service time ends.



*Paul A. Gorman*

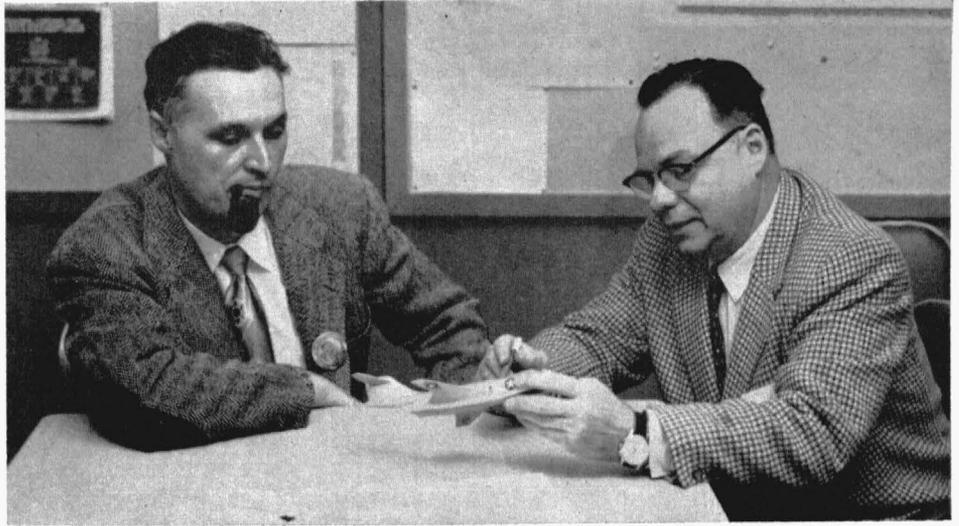
## Gorman takes new position

Paul A. Gorman, '29, has been elected vice-president-operations of the New Jersey Bell Telephone Company. He has been vice-president in charge of manufacturing for the Western Electric Company.

Gorman was born in Carrollton, Mo. After his graduation from the University he joined Western Electric at its Hawthorne Works in Chicago as a clerk in accounting. He held various posts at the Chicago plant before going to the Tonawanda plant in Buffalo in 1946 as assistant superintendent of accounting and industrial relations. The following year he was named superintendent.

In 1948 Gorman was named assistant engineer of manufacture at WE headquarters in New York and three years later went to Chicago as central distribution manager. In 1952 he returned to headquarters in New York as personnel director, and the following year was named assistant vice-president in personnel relations with the parent American Telephone & Telegraph Company. He returned to WE in 1954 as vice-president, defense projects, and the following year was named a director of the company. In May, 1956, he was named financial vice-president and in September, vice-president-manufacturing.

Gorman is a director of the Teletype Corp. of Chicago, the Manufacturers' Junction Railway of Chicago, Bell Telephone Laboratories, Nassau Smelting & Refining Company, and the Sandia Corporation, Albuquerque.



*Edward M. Flesh, '29 (right), holding model of McDonnell jet fighter-bomber that set world speed record; he is senior project engineer. At left is John Meyer, '38, who is now Chief of Structures at McDonnell.*

## **Flesh and the Voodoo**

The team of engineers that designed the McDonnell Voodoo jet fighter-bomber—new world speed record holder for manned flight—is headed by a University alumnus, Edward M. (Bud) Flesh, '29. As a student in the College of Engineering, Bud studied mechanical engineering with an emphasis on aeronautical designing.

As senior project engineer, Bud Flesh has been receiving accolades as the designer of the F-101A which last December streaked 1207.6 miles an hour in a test at Edwards Air Force Base in California. While he is thrilled over being associated with development of the plane that recaptured the world speed record from Britain, Bud Flesh is just as concerned that all who had a hand in the project receive full credit. He insists that he is only one of a large group of people who worked on "the world's finest airplane," and in fact he takes great pains to point out that the twin jet Voodoo is the product of team effort.

In a piece he wrote for a publication of the McDonnell Aircraft Corporation of St. Louis, Bud Flesh concluded by saying, "I am sincerely grateful to everyone who contributed in any way to the design of the Voodoo. I know they are as proud as I am to be connected with the world's finest airplane." What preceded that concluding paragraph was a recital of names of persons past and present who worked on the project in the six years of its existence, punctuated by the admission: "I should never have started naming names because I don't know where to stop."

Despite his determination that the entire team share the credit, Bud Flesh is regarded as the key man in the Voodoo project which consumed some three million man hours.

From the Missouri campus Flesh went to Curtiss-Wright in St. Louis as a design engineer. In 1946 he joined McDonnell, and five years later he was at work on the beginning stages of the Voodoo.

A few nights after the record-breaking performance, Flesh was in Washington, D.C. to attend the Wright Brothers Memorial Dinner given by the Aero Club, at which Major Adrian Drew was presented the Thompson Trophy for his record speed run. Bud's thoughts went back to a hot humid day in the summer of 1951:

"A team consisting of John Aldridge, George Graff, and myself were due to present a reincarnated, redesigned F-88 proposal to the Air Force that very morning. Some last minute information on a change in requirements necessitated a change in our proposal. While Aldridge changed the text, I changed the drawings and refigured the weight and balance, and Graff refigured the performance. Our proposal apparently met with approval and after a few more months of negotiation a letter of intent signified the Air Force's desire to buy the airplane and rename it F-101A. Early in 1952 our design organization started to build up. We used as a nucleus the people who had worked on the proposal."

Since that beginning with a handful of men, some 500 engineers have worked on the fighter-bomber, including a number of other University of Missouri alumni. One of these is John Meyer, '38, who is now Chief of Structures with McDonnell. In his position, he supervises all the people concerned with the strength of the airplane, the basic loads on the airplane, the weight and balance, and the structural

*(Continued on page 24)*

# poor man's Plato from Missouri

By SAUL PETT, AP Newsfeatures Writer

As it must be to all men, a spontaneous, unrehearsed evening on the town—a night out with the boys—comes occasionally into the life of Hal Boyle, the columnist.

Thus, on a recent evening of warm friendship, Boyle was overstaying his leave at Pat Moriarty's Chop House. The phone rang several times and each time Boyle, with the characteristic cowardice of overdue husbands, shouted to the owner:

"Pat, if that's my wife, tell her I just left."

Hours later, Boyle arrived home and learned, with a wide-eyed look of sublime innocence, that there had been dinner guests long since departed. In forceful terms, Frances Boyle delivered a lecture on thoughtless husbands. And then the phone rang.

Boyle said, "Frances, if that's Pat Moriarty, tell him I just left."

This, of course, is classic Boyle, pure Boyle, the legendary Boyle who invaded North Africa throwing candy from his jeep to the natives and shouting, "Vote for Boyle, son of toil. Honest Hal, the Arabs pal."

There are other Boyles, most of whom creep into his daily AP column, which appears in more than 500 papers and is probably the most widely printed in America.

There is Boyle, the thinker or "poor man's philosopher," Boyle,

the moved and moving poet, the clown, the brooder, the mystic, the sensitive, defenseless child, the hatless, hateless student of humanity, the father, the husband, the son, the Walter Mitty Boyle with a secret dream of telling somebody off just once, the collector of odd facts, the gentle wit who turns the foil on himself, the loving Boswell of the GI, the faceless and the frustrated.

There is the gay, the folksy, the gregarious Boyle, the organizational Boyle who serves on committees, collects for office Christmas parties, farewell parties and funerals. The physical Boyle concerned about his 46 years, his 200 pounds, his broad, broken nose, his thinning, brown hair. The naive Boyle who thinks he will weigh 170 again, the proud Boyle who, on losing a single ounce, introduces himself as "the new tiger man."

And always, in a partly hidden room, there is the Boyle with the half-sung heartsong, the sweet sadness, the dreams that got away, the vague loneliness, the Boyle eternally aware that every man born of woman must die, that each new day is both an arrival and departure, that even Peter Pan would have grown old writing a daily column.

By a mysterious, suspenseful chemistry, these separate Boyles somehow manage to coalesce every

weekday into the written word. And the words, over the years, have added up to a Pulitzer prize and other awards, to columns dramatized on television and reprinted in magazines and anthologies, to the respect of fellow writers and the devotion of his readers who yearn, sigh, laugh and cry with him, readers who frame columns on their wall and have others engraved on personal greeting cards.

Harold Vincent Boyle spends 22 hours a day, awake or asleep, thinking, worrying about his column and two hours actually writing it. Boyle at the typewriter is a horrible sight. It is the time, he says, when "you just take a cold chisel, put it to your head, and start quarrying."

Boyle at the typewriter, with 60 or 90 minutes to go, is taut, silent, stiff, intense, measuring each word carefully, writing, X-ing out, rephrasing, sweating into a shining simplicity.

He can't work without chewing murderously on his cigar, stopping compulsively to comb his hair or take a deep breath like a pitcher nervously eying the batter and that small strike zone. Only a writer knows how small that strike zone is.

This is Boyle who sees nothing, hears nothing, hasn't a friend in the world, is a child alone in a forest of dark terror. This is where all retreat, all delay, all distraction must end. This is the wall, and Boyle writes every morning with his back to it.

"I've got to get a few columns ahead, get a backlog," says Boyle, the optimist.

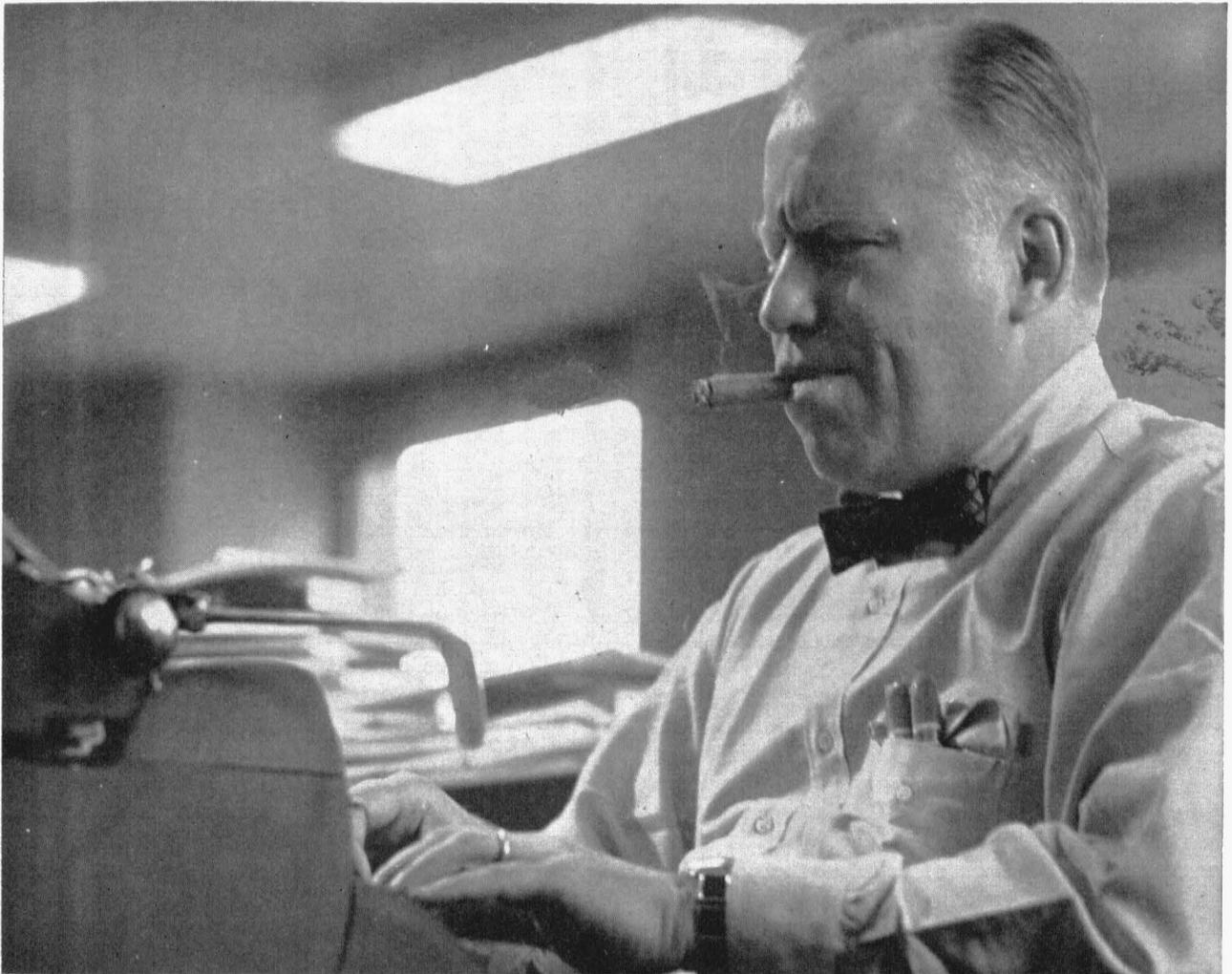
"I can only write on deadline," says Boyle, the realist. "Emily Dickinson said, 'wine is the gift of screws.' I find the deadline squeezes the best out of you in a hurry."

From the screws of deadline and the torture of self-doubt has come a kaleidoscopic procession in print



SAUL PETT

It took a couple of M. U. grads to make this story, which is reprinted by permission of the Associated Press. Hal Boyle won A.B. and B.J. degrees in '32. The author of this profile, Saul Pett, is B.J. '40 (Mrs. Pett, the former Leonore Green, is B.S. in Ed. '40). Saul, who has been writing features for the AP since 1946, does an occasional column for Boyle. He spoke at Journalism Week last year about his Antarctic experiences when he accompanied Admiral Byrd on "Operation Deep Freeze" in 1956-57.



Associated Press photo.

## hal boyle

—portraits, vignettes, fables, home-made proverbs, holidays remembered, interviews, personal experiences, faded dreams, lingering hopes.

A GI dead in Normandy, "at final ease stretched in eternal languor." . . . In South Carolina, "a tarpapered shack wearying a hill." . . . Of October, when "everything that walks the earth feels an amber thrill." . . . Of the triumph of an Irishman on St. Pat's Day, when he hears "the deep, deep music of living, the low, sad rhythms of eternity . . . the high song of the turning spheres, the dim lullaby of the worm in its cocoon. . . ."

Of a childless couple named Boyle yearning for a baby . . . Of looking into the mirror on your 40th birthday, searching for the boy that used to be, finding "all

that was left of him was his eyes—two blue pools of doubt, two wells of childhood reluctant to cloud over." . . . Of the time Internal Revenue called for an explanation and Boyle tried to plead "temporary insanity. . . ." Of the adoption of a daughter (Tracy Ann Boyle is now 4), trying to make her realize she was a chosen child, picked out from all the earth's millions.

But Tracy Ann refuses to absorb the meaning of adoption. "Sometime, though," Boyle concluded, "she will ask a question. But not now. Not now."

These well-ordered phrases are born every morning at a monumentally disordered desk, usually piled more than a foot high with unopened mail, papers, books, magazines, forgotten shopping lists.

Boyle always has a fancy explanation for the clutter.

"Rather have the chaos on the desk than in my head." Or: "A clean desk is the sign of a frightened mind."

This, of course, is malarkey. A clean desk requires a decisive owner. You must be able to decide whether to file, answer or throw away a letter. Boyle loathes decisions.

The Boyles live simply in a four-room Manhattan apartment overlooking the East River.

The Boyles own no car because Hal never learned to drive one. But they do have two bathrooms—a fact which Hal cites as a milestone in his life and uses to explain his attitude toward money.

"What more does a man need?"

*(Continued on page 20)*

# around the university

According to President Ellis, Missouri high schools are sending a better type of student to the University than they did four years ago. As an indication of a continuously improving trend, the University freshmen of 1952 were better students than those of 1948. President Ellis says the proportion of superior students in the freshman class last year was 50 per cent above that of 1948, and considerably above that of the 1952 freshman class. He points out that the increase came in spite of higher enrollment and teacher shortages in our high schools. At the same time, the percentage of inferior students enrolling in the University has decreased by about one-half in these eight years.

The University ranks 18th among all American universities and four-year colleges in the number of full-time students enrolled last fall. A study by Dr. Raymond Walters, president emeritus of the University of Cincinnati, lists M.U. with an enrollment of 12,224 students—which includes the School of Mines and Metallurgy at Rolla. (Late enrollments brought the total to 12,699). The Walters report showed 1,755,103 full-time students enrolled on more than one thousand campuses of four-year colleges and universities last fall. This is a gain of 2.7 per cent.

An agricultural atlas of the United States with text written and maps arranged by Dr. James E. Collier, associate professor of geography, has been published by the U. S. Bureau of the Census and is available in loose leaf form from the Government Printing Office. His contribution, an integral part of the National Atlas of the United States, consists of 41 sheets 16 by 22 inches and containing a total of 282 maps as well as 45 graphs along with text and charts.

Dr. Loren Reid, professor of speech, is the author of the leading article, "The Education of Charles Fox," in the current issue of *The Quarterly Journal of Speech*. Fox was an outstanding English statesman and debater of the late eighteenth and early nineteenth centuries who was noted, among other things, for his sympathy to the American colonists. The article by Dr. Reid is the first of a series on British orators, written by professors of speech in the country, on invitation of the editor of the magazine.

Two faculty members have contributed articles for the revised edition of the *Encyclopaedia Britannica*. They are Harry Rubey, professor emeritus of civil engineering, who wrote an article on irrigation, and Dr. Leon T. Dickinson, associate professor of English, who contributed an article on Eugene Field.

The U. S. Housing and Home Finance Agency has approved preliminary plans and specification on a \$2,492,000 housing project for married students at the University. It has agreed to purchase revenue bonds amounting to \$2,065,000 for construction of 240 apartments on the campuses at Columbia and Rolla. The plans call for 192 apartments for married students on the Columbia campus and 48 apartments at the School of Mines and Metallurgy at Rolla. In addition to the bond sale guaranteed by the government agency, the University would provide \$427,000 from the State Building Bond Issue funds for the construction.

Dr. Newell S. Gingrich, professor of physics and a member of the faculty since 1936, has been elected to the executive committee of the American Association of Physics Teachers. He is recognized as an authority on diffraction of x-rays, and has designed circuits for use with Geiger counters.

The Missouri Workshop Theater will present "The River Line," a drama by Charles Morgan, English novelist. The play will be given in Jesse Auditorium on February 21 and 22, directed by Prof. Donovan Rhynsburger, chairman of the department of speech and dramatic art. The production will be the Workshop Theater's contribution to International Theater Month, a world-wide movement sponsored by UNESCO to promote international understanding through the medium of the drama.

A few weeks later, on March 13, 14 and 15, the Jesse stage will get a real workout as four skits are presented in the annual Savitar Frolics, given for the benefit of the Missouri yearbook.

President Ellis has announced that about forty-five high school teachers of science and mathematics will receive substantial fellowships to attend a Summer Institute for High School Teachers at the University's School of Mines and Metallurgy in Rolla this summer through a grant of \$55,000 from the National Science Foundation. Dean Curtis L. Wilson said applications for admission should be sent to Dr. Harold Q. Fuller at the School of Mines. A similar institute was held last summer at Columbia.

The University has received grants totaling \$6,500 from the United States National Park Service to continue archaeological salvage work at Table Rock and Pomme de Terre areas of Missouri. Dr. Carl Chapman, associate professor of anthropology, said the Table Rock Reservoir Area will be submerged early in 1959, and the Pomme de Terre area will be flooded in 1960.

## from other lands

The University has had a total of 202 international students on its campus during the semester just closed, and the number will likely increase with the winter semester. The students, 175 men and 27 women, represent 43 countries. More than half are graduate students.

Engineering has the largest total—66, followed by Arts and Science with 52, Agriculture with 35, and Journalism with 22.

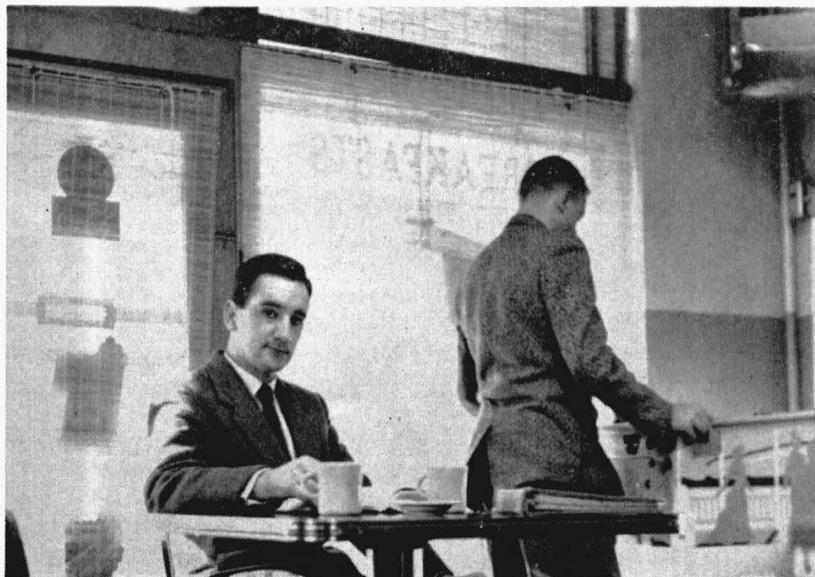
Countries with the largest representation are Korea with 29 students, China and India with 26 each, and Iran, Japan, and Turkey with 11 each. Egypt and Syria have 9 each.

What do some of these students think of the United States? What are their plans after finishing their University work? These and other questions were asked of a handful of these interesting students from other lands.



Jerry Umehara

Philip Harkness



### Jerry Umehara, Tokyo, Japan:

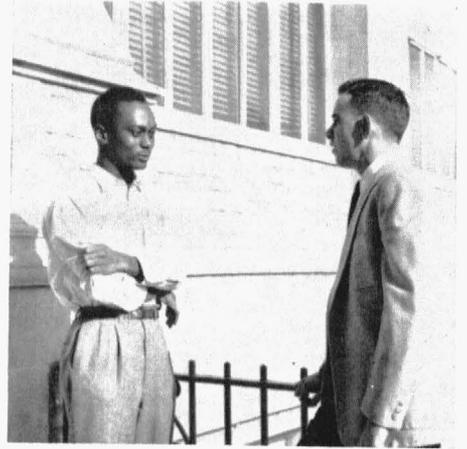
I admire the habits of being ambitious and industrious in American people. However, the life here is in high tempo and competition among people is so keen, people are seemed to have less of their own time than the other countries. The isolation still exists in people and some misconducts of Americans abroad caused misrepresentation of this country.

### Philip Harkness, New Zealand:

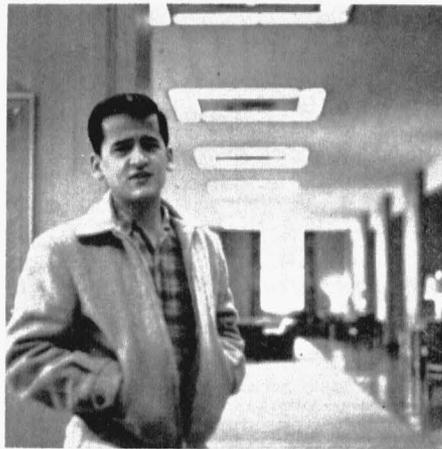
I once read a book written by two English men, who claimed the University of Missouri had the best journalism school in the world, followed by London University. I figured that if Englishmen were prepared to admit that, M. U. must be good.



Miss Francisca Cao



Lloyd Quashie



Nader Nabulsi



Costas Kouskolekas



**Miss Francisca Cao, Cuba:**

*After you return to Cuba, what will you remember most about America?* Their ignorance of the situation in South America. We have our problems and they are easy to understand for anyone who wishes to do so. I am often asked how Cuban women compare with the American counterpart. Well, we have just as much independence as they have and in so far as education is concerned, there are more women graduating from Cuban universities than men.

**Lloyd Quashie, Ghana (shown with Tom Huston, Kansas City):**

It is very difficult to form only one opinion on the United States. It is a great country in so far as material wealth is concerned. The foreign visitor, in my impression, will be surprised at the ignorance of the American people in general in international affairs.



Vittorio Roberti and Lakhan Singh Verma



Acar Kiliclioglu

Dong H. Sunoo



**Nader Nabulsi, Damascus, Syria:**

The thing that impressed me the most in the U. S. is the freedom enjoyed by both boys and girls. In Syria there is no such thing as having a "date." Though I enjoy the American system more, I feel that I could trust more a Syrian girl as wife rather than an American girl.

**Costas Kouskolekas, Greece:**

I envy American students for the wonderful relationship they have with their professors, their excellent laboratories and libraries. I hope they are aware and appreciate their advantages and privileges.

**Vittorio Roberti, Naples, Italy:**

After studying here I can honestly say that what impresses me most is the practical approach to science teaching related to engineering. This permits a better and fuller application of what has been learned in school. Very different indeed from the purely theoretical approach in use in the European system. On the other hand the latter tends more to create a scientist than an engineer.

**Lakhan Singh Verma, India:**

Among the many things that has impressed me most in this country is the custom of "dating." I had never thought that such a thing could take place in a civilized country. The only way I can describe dating is "the national sport of America."

**Acar Kiliclioglu, Istanbul, Turkey:**

I admire the freedom and economic system here. Americans can be very friendly. But too many people think this country is the nearest to perfection and the greatest in everything. Other nations' traditions and beliefs too often do not get the respect due them. Some Americans do not realize that financial welfare does not mean happiness. Yet Americans are humans and there are all sorts of them—good, bad, and reasonable.

**Dong H. Sunoo, Seoul, Korea:**

With good libraries and teachers I am learning a great deal. Because of language difficulties, I must spend many hours studying. Thus I have little time to make American friends and therefore at all times I have been in loneliness. However, I feel that this dry life (no dates) will keep me more close to my work. I try not to be a "machine" student but a thinking fellow.

# briefs by Bus

No one can deny the fact that the primary responsibility of an educational institution, and particularly our great University of Missouri, is to prepare the student to fill a more learned position in society. The intellectual achievements surrounding the so-called three R's can never be challenged as the number one responsibility.

Far too often, we fail to recognize the fact that there are other responsibilities of the University. One is that of service to state and nation. And still another is that of educating its students to lead a wholesome, social and recreational life along with their business or intellectual life.

This institution this year will house and nurture nine thousand future leaders of our American society. These students do not live in their homes, travel to classes, and then return to the guidance of their homes. They will live as a member of the University Community just as, after graduation, they will live as a member of whatever geographic community they choose to reside in.

Quite apart from (but having an integral relationship with) their educational pursuits, they must also develop wholesome recreational habits. This is even more important when we recognize the fact that business people tell us we will soon see a 32 or 35 hour working week. What an individual does with his spare time, the recreational pursuits that he follows, and the social and recreational facilities he makes use of can be either an aid or a detriment to his overall growth.

There are those who think educational institutions are not tough enough. An educational institution can be as tough as it wants to be as far as its grades, examinations and educational offerings are concerned, but at the same time it must never lose sight of the fact that it must, while providing the educational pursuits, also provide healthy, wholesome recreational pursuits.

Up until ten or fifteen years ago, a student on this campus could go down to the gymnasium, check out equipment and with two or three friends make wholesome use of spare time by playing cork ball or perhaps tennis, volley ball, basketball or whatever physical activity they chose to participate in. With the tremendous influx of students on this campus, the same facilities which were available ten years ago are totally inadequate for this type of use.

Why has the University not provided more adequate playground space, a men's swimming pool, bowling alleys, perhaps a recreation hall? The need for these facilities is very apparent to the University Administration and its teaching personnel. The need is not so apparent, or at least not recognized, by members of the Missouri General Assembly or pros-

pective donors. There are people who balk at any use of funds for this purpose, and yet it is realistic that such activity has a part in the overall development of a mature human being. (The new golf course was made possible by a gift and non-appropriated funds).

Idle time is probably the greatest cause of trouble. Surprisingly enough, the University has very little trouble when you consider the size of its community. But even a little trouble can be eliminated if more facilities are designed to give to the student good wholesome activity in his spare time. Why not provide a lake where at least the fundamentals of bait casting, and participation in the great sport of fishing can be started? Such a suggestion would immediately bring cries from some individuals, "What are we doing, building a country club for our students?" How short-sighted this view is. We the alumni need to create in the minds of the public, recognition of the values to be gained by providing more and better recreational facilities for our students, and it will not lessen the degree of intellectual growth during their career here on the campus, but will enhance and develop their personalities for greater fulfillment in society.

G.H.E.

## Big Eight alumni organize

The Big Eight Club of Southern California has been organized to bind together the common interests of alumni of those universities in the Missouri Valley Intercollegiate Athletic Conference. The first elected president is James R. Lineburg, a Los Angeles attorney and a Nebraska graduate.

Purposes of the club were outlined in a meeting of forty-five persons held at the Carolina Pines restaurant in Los Angeles just preceding the Oklahoma-UCLA basketball game. Principal functions include meetings to give better service to each of the schools as active and loyal alumni, and to become better acquainted with each other. At least two meetings will be held each year, one in the spring and one during the fall football season.

Miss Alma Kinkade, '23, was elected treasurer of the new organization and Curtis R. Winters, Jr., '47 a director.

## Heads agricultural alums

Miller Carpenter, '34, of Sumner is the new president of the Agricultural Alumni Association, succeeding Robert W. Mills, '37, of Boonville, who is now representative on the Board of Directors, University of Missouri Alumni Association. Other officers of the agricultural association are Cordell Tindall, '36, of Fayette; secretary-treasurer; J. R. Bartels, '35, of St. Marys, Wayne French, '41, of Painton, Karl Wickstrom, '41, of Marshfield, Jim Rutter, '51, of Shelbina, and Oscar Thorne, '31, of Purdin, vice-presidents.



*George Lamade and Howard Lamade*

**the publishers of** 

*Grit*, the weekly newspaper for rural America, which observed its 75th anniversary on December 16, 1957, is headed by two University of Missouri alumni.

The paper which counts its readers in nearly one million homes in 16,000 communities, was founded in 1882 by a 23-year-old compositor named Dietrick Lamade, who died in 1938. His two sons, George R. Lamade and Howard J. Lamade, have long held top executive positions with the publishing firm.

George R. Lamade, who attended the University in 1911-16, and later Columbia University, is president of Grit Publishing Company, located in Wilkesport, Pa. He joined the staff in 1919, became general manager in 1936, and president in 1938.

Howard J. Lamade, vice-president and secretary, received his B.J. from the University in 1913. He also attended Pennsylvania State University. His career with *Grit* began in 1913 when he went to work as a clerk. He became business manager and assistant secretary in 1917, and a member of the board in 1920;

he has served as the firm's vice-president since 1943.

The publication was given a distinguished service citation by the School of Journalism in 1937, when Dietrick Lamade was still president. Dr. Earl F. English, dean of the School of Journalism, in a message of congratulations to *Grit* on its anniversary, commended the Lamade brothers and added: "They have carried on nobly the work of their father, Dietrick Lamade, in keeping with a distinguished service citation made by the School of Journalism: 'for extraordinary vision, business acumen, courageous persistence and practical idealism in building without capital a nation-wide family paper for those who live in small-population centers.'"

George Lamade's three sons and Howard Lamade's son are associated with the publishing company.

The publication is expected to reach one million circulation this spring. Nearly sixty per cent of the communities in which it circulates have populations under 2,500. *Grit* has 30,000 boy salesmen.



*William F. Brooks, '21; Elmer Lower, '33, director of special projects, CBS; Tom Mahoney, '27, of Dudley, Anderson Yutzy; and Barry Holloway, '25, vice-president of the Grolier Society—all at the New York meeting.*

*Inez Robb, '24, United Features special writer, and Mary Jo Connolly, King Features.*



*At Washington meeting: Rex Magee, '14, Civil War Round Table; John C. MacArthur, editor Armed Forces Chemical Journal; Raymond (Pete) Brandt, chief Washington correspondent, St. Louis Post-Dispatch.*

## **journalism doings**

Recent meetings in New Orleans, Washington, D.C. and New York have furthered organizational plans for the 50th Anniversary of the University of Missouri School of Journalism, which begins next fall. The meetings are among those attended by Dean Earl F. English and Samuel A. Montague, who is executive director for the Golden Jubilee.

In New Orleans, Charles Nutter, managing director



Left: Irwin Vladimir, '24, president, Gotham Vladimir Advertising Co. discusses anniversary plans with William Mapel, '25, president, Publishers Association of New York City, as David Resnick, '25, of David Resnick Associates listens in.

Below: Sam Cook Digges, '37, general manager, WCBS-TV; John de Lorenzi, '47, of King Features; Dean English; Mrs. Elizabeth Toomey Seabrook, '44; and Ed Boughton, '39, Trans World Airlines.



of International House, agreed to head a group which will handle details of an international press congress to be held on the Missouri campus. About 35 Journalism alumni attended the New Orleans meeting.

In Washington about 40 of the alumni were on hand for a discussion of local and national observance plans. Raymond (Pete) Brandt, chief Washington correspondent of the St. Louis Post-Dispatch, is president of the Journalism alumni group in the capital, and John H. Adams, associate editor of U.S. News and World Report, is secretary. Brandt heads the observance committee, assisted by Herschel Schooley, assistant to Interior Secretary Fred Seaton, and Walter John, chief, Marketing Program Information, Agricultural Marketing Service, USDA.

In New York City, activities and events of national

scope are being organized by William Mapel, president, Publishers Association of New York City; Irwin Vladimir, president, Gotham-Vladimir Advertising, Inc.; Inez Robb, United Features columnist; and John de Lorenzi, executive with King Features Syndicate.

Since these meetings, others have been held in various parts of the country, and enthusiasm for the year-long Golden Anniversary is found wherever University graduates gather.

Morris E. Jacobs, president of Bozell and Jacobs, general chairman for the 50th Anniversary, has expressed his appreciation for the cooperation alumni everywhere are giving to the semi-centennial program.

Meanwhile, proposed designs for the special commemorative postage stamp are being studied.

*POOR MAN'S PLATO  
FROM MISSOURI*

*from page 11*

he asks. "I don't need a lot of possessions. I'm just a boy from Kansas City, the son of a butcher. I'm afraid of the impressive and suspicious of the elegant. I know only one headwaiter by name and, after 20 years in this town, he has just learned mine. At home, where I grew up, there were seven of us waiting to use one bathroom. Now I have two. How many more does a family need?"

His hobbies are "brooding and watching people and trying to understand them," thinking up titles for books he'll never write, shopping for suits he won't buy until Frances sees them, counting the columns left to do before retirement, and day-dreaming.

"A writer is always making up little dreams in which he's the hero or the villain. But he always stops short, when he dreams the villain role, for fear he may be caught. The only revenge I take on people is in my mind. At the last moment, even in my dreams, I have to show them charity.

"My fears? The biggest thing I have to fight is a feeling of insufficiency—that I won't be able to muster the talent to do the work the way I'd like. Also, I have a fear that people will think I'm ridiculous, or a loud-mouth, or a showoff, when actually I'm afraid most of the time.

"Hates? I hate people who throw their weight around, who try to rob a man of his dignity. Will Rogers used to say, 'I never met a man I didn't like.' I can't say that.

"But I can say I never met a human being I didn't feel sorry for. I think this is a hard world and I think every human in it, at one time or another, has a hard time. The thing I admire most is people who face life with courage, loyalty and a sense of humor."

Boyle caught the writing virus relatively late. Growing up in Kansas City, he first wanted to be an engineer and "go around the world in high leather boots, building bridges and dams." Then a druggist because of the ice cream and

the "smell of old drugstores." Then a cartoonist, a doctor and a teacher—"I'd still like to be a teacher because it's the most inspiring occupation I know except motherhood and I'm not built for that."

Then a poet, novelist, and finally a newspaperman—"because I thought it would be romantic and still do, some days."

In high school, Boyle jerked sodas for a druggist. As Boyle began to eat up all the ice cream profits, the boss began searching for other fields for Boyle to conquer. It was the druggist who knew the chief copy boy at the Kansas City AP office. It was the druggist who suggested Hal might want to look him up.

Boyle started with the AP as office boy in 1928, departed long enough to earn degrees in journalism and English at the University of Missouri, worked as reporter for AP in Kansas City, St. Louis and New York, and took off as a war correspondent in 1942.

He landed with Patton at Casablanca and Sicily, Clark at Salerno and jeeped with the First Army

from Normandy to the Elbe, moved later to the Pacific war zone and returned in 1950 to combat in Korea.

It took several weeks to realize he had won a Pulitzer for his war reporting in 1944. Among other awards, the one Boyle is most proud of was given to him by the Veterans of Foreign Wars for his coverage of Korea—most proud because Gen. Omar Bradley made the presentation with these words:

"There are few men who understand the American soldier and how he feels as well as you. There are even fewer who can write about him with such interest, such understanding, such compassion."

He has covered both ends of a world war and the worst of a small war. In war and peace, he will tell you with the pride of a geographic name-dropper, he has travelled in 63 countries and is ready to document the boast at the first raised eyebrow.

While he is not famed as a methodical planner, he does think a man should pick his own epitaph.

His own choice: "Safe at Home."



*A model of the University of Missouri's Columns and an outline map of the state are used in building an identification sign at the entrance of the University's South Farm near Columbia. Checking the sign against the original plans are J. E. Smith, Jr., professor of floriculture, John H. Longwell, College of Agriculture dean, and Fred Venrick, Portland Cement Association field engineer. Smith drew up the original design of the plan and Venrick supervised construction. Dean Longwell said similar signs will be built at other experimental farms and fields.*

## Dr. Karl Bopp heads bank

Dr. Karl Bopp, holder of four degrees from the University where he served on the faculty for ten years, on March 1 assumes the presidency of the Federal Reserve Bank in Philadelphia. Since 1947 he has been vice-president in charge of research. He became a director in 1942, after leaving the University faculty. At Missouri Dr. Bopp was associate professor of economics in the School of Business and Public Administration when he resigned in 1941. He received an A.B. in '28, a B.S. P.A. in '29, an A.M. in '29, and the Ph.D. in '31.

Dean W. L. Bradshaw recalls Dr. Bopp as one of the outstanding young men on the University faculty. He said he excelled in teaching, research, and writing. At one time Dr. Bopp was a student of Dean Bradshaw. Mrs. Bopp is the former Ruth Callies, who received a B.S. in Ed. in 1927.

The University now has two alumni as Federal Reserve Bank presidents. The other is Delos C. Johns of St. Louis, a new member of the University's Board of Curators.

## Texans honor Houston Harte

Houston Harte, B.J. '15, publisher of the San Angelo (Texas) Standard-Times, last month was named Texas' outstanding publisher of 1957 by the Headliners Club at Austin, Texas. The award was made at the annual awards luncheon of the private club of newsmen, business and professional men in Austin and throughout the state.

The citation to Harte was presented by Harlin Fentress, publisher of Newspapers, Inc. in Austin, Waco, and Port Arthur, who said:

"The publisher-reporter has earned a distinguished place in the history of American journalism. He has added tremendously to the power and prestige of the press.

"Except for his success as a publisher, our honored publisher guest for the day is best known for having earned his way as the best reporter on his own staff."

Harte was an organizer of the Harte-Hanks Newspaper Groups, which publishes newspapers in Corpus Christi, Big Spring, Abilene, Marshall, Paris, Denison, and Greenville.

He started his newspaper publishing in Boonville, Mo. and moved to Texas and bought the San Angelo Standard in 1920 with proceeds from the sale of the Missouri paper. Mrs. Harte is the former Isabel McCutcheon of Pilot Grove, Mo.

Dr. Hugh E. Stephenson, Jr., professor and chairman of the department of surgery at the University, will be the featured speaker at the Houston chapter of the Alumni Association annual officers' dinner February 24 at the Doctors' Club, Texas Medical Center, Houston. Dr. Stephenson will go on to Puerto Rico to make an address at San Juan. A few months ago he spoke to the Pan-Pacific College of Surgeons in Honolulu.



*Dutton  
Brookfield*

## Brookfield still gets around

Dutton Brookfield, '40, of Kansas City, president of the Unitog Company, manufacturers of industrial uniforms, was the keynote speaker at the St. Joseph (Mo.) Jaycees' annual Distinguished Service Awards banquet held last month. Brookfield was national president of the University of Missouri Alumni Association in 1956-57.

He served in 1956 as area vice-president for the Young Presidents' Organization, a national group comprised of men who have attained the presidency of their company before the age of forty. He is also a former president of the Kansas City Rotary Club. In 1957 Brookfield was appointed to the Kansas City Board of Police Commissioners. Frank Sallee, '51, was chairman of the banquet.

## Dr. Robbins back to research

Dr. William J. Robbins has retired after heading the New York Botanical Garden in the Bronx since 1937, but to him retirement provides a return to uninterrupted research. It means a chance to pursue those perplexing questions of the biological scientists—the mystery of form and structure, of growth and change. He returns to his laboratory—part time at his home in Bronxville and part time at the Botanical Garden.

Dr. Robbins, formerly professor of botany at the University where he was dean of the Graduate School in 1930-38, reaches the age of 68 this month. He has enjoyed a brilliant career as both scholar and administrator. The whole Robbins clan fairly bristles with scientific awards and honors. Mrs. Robbins was on her way to becoming a renowned botanist when she and Dr. Robbins were married forty-two years ago. They have three sons who have distinguished themselves in their fields. Dr. Fred C. Robbins, '36 and '38, professor of pediatrics at Western Reserve University, won the 1954 Nobel Prize in medicine and physiology at the age of 38; Dr. William Robbins, is a medical researcher for the Rockefeller Institute; and Dan Robbins is an engineering researcher for Mergenthaler Linotype Company.

Dr. William J. Robbins is president of the American Philosophical Association, treasurer of the National Academy-National Research Council, and visiting lecturer and member of the Board of Trustees of the Rockefeller Institute for Medical Research.



Garth Landis

## Landis heads city council

Garth Landis, '30, a member of the city council of St. Joseph, Mo., has been elected president of the council. He is serving his first term as councilman. Landis, an attorney, has long been active in alumni work and formerly headed the M.U. Alumni Association in St. Joseph.

Mr. and Mrs. Landis have three daughters, Ann, Kay, and Mrs. Mary Pat Carter who is a student in the University. Many classmates will recall Garth as an outstanding tennis player at M.U. He continues active in the game and only a few months ago reached the finals in a city tournament.

## Sessions in Washington

Thirty-five agriculture and journalism alumni in the Washington, D.C. area met January 7 to hear Under Secretary of Agriculture True D. Morse B.S. in Agr. '24 talk about "The Next Five Years in Agriculture." The year 1962 will mark the 100th anniversary of establishment of the U. S. Department of Agriculture.

The Agriculture meeting was arranged by Walter John, president of the University of Missouri Alumni Association of Washington, D.C. About 50 graduates of the College of Agriculture and 15 School of Journalism alumni are employed in the Department of Agriculture in Washington.

The entire alumni group in the Capital area is looking forward to its next meeting on Tuesday February 23 when Missouri's Senator Stuart Symington will be their speaker. This will be the annual Congressional Luncheon of the Association. All members of the Missouri Delegation in Congress are invited as guests.

Dr. William Peden, professor of English at the University, will serve on the staff of the Writers' Conference in the Rocky Mountains at the University of Colorado in Boulder July 21-August 8. He will direct the workshop on the short story. Dr. Peden has reviewed 300 works of fiction since 1946 for the *New York Times* and the *Saturday Review*. His reviews appear regularly in the *Review*, and the January 25 issue carried a special article, "Short Fiction vs. Long." Dr. Peden is anthologist of short stories for Houghton Mifflin this year.

## Engineers Week schedule

The tentative schedule of events for Engineers Week lists these activities:

Sunday, March 16—10:30 a.m., Assembly in front of Engineering Building; 11 a.m., Bural Class in Stephens College Auditorium. March 17—10 p.m., Serenade (meet at Engineering Building); 11:30 p.m., Midnight show. March 18—8 p.m., Reception for Queen Candidates (Engineering students' wives). March 19—5:30 p.m., Barbecue at Rollins Springs. March 20—9 p.m., Assembly of Campus Stunt and Column Guard. March 21—All day, Alumni registration, Deans' Office; 8:30 a.m., Campus stunt, Engineering Building; 9 a.m., Judging of beard growing contest; 4 p.m., St. Pat's Parade; 5 p.m., Knighting Ceremony, Engineering Building; 6 to 10 p.m., Laboratory exhibits and open house. March 22—All day, Alumni registration, Dean's Office; 10 a.m., Engineering Convocation, Jesse Auditorium; Student Honors and Engineering Achievement Medals, Jesse Auditorium; 1 to 4 p.m., Laboratory exhibits and open house; 2 to 4 p.m., Green Tea; 6:30 p.m., Student-Faculty-Alumni Banquet; 9 p.m., St. Pat's Ball, Rothwell Gymnasium; 10 p.m., Coronation of Queen.

## Geologists in reunion

Twenty persons attended the Geology Alumni Breakfast in connection with meetings of the Geological Society of America, held at Atlantic City in November.

The Department of Geology of the University was represented by Professors W. D. Keller and A. G. Unklesbay. From the faculty of the School of Mines and Metallurgy at Rolla were Professors G. C. Amstutz and J. C. Maxwell. The Missouri Geological Survey was represented by Dr. W. V. Searight. Two former faculty members present were Dr. Dan A. Bradley and Dr. Newton Chute.

Other guests were Chester Longwell (A.B. '15, A. M. '16, and LL.D. '40), Professor Emeritus of Yale University; W. W. Rubey, (A.B. '20, honorary D.Sc. '54) and Mrs. Rubey; Dr. Sam Ellison (Ph.D. '40), head of geology department, University of Texas; Richard Hoare (A.M. '53, Ph.D. '57), and Fr. James Skehan, a former student.

Alumni holding bachelors and masters degrees who attended the breakfast included Mary Alexander Miller, Roger Miller, Jack Schindler, W. T. Caneer, Henry Allen, George Moore, and Richard Gault.

Prof. Hermann Barnstorff was recently elected to a three-year term as a member of the Executive Council of the American Association of Teachers of German. Dr. Barnstorff has been on the University faculty since 1939 and is a professor of Germanic and Slavic Languages and chairman of the department.

## Alumni directors' meeting

A review of the Alumni Association's awards program was among several matters discussed at a meeting of the association's Board of Directors last month.

President Flavius B. Freeman of Springfield presided at the meeting, held in the Student Union, with these board members present:

L. W. Helmreich and John Morris, Jefferson City; Kenneth Edscorn, Kansas City; Robert Niedner, St. Charles; Moss Rudolph, Savannah; Maurice Kirk, Higginsville; Hartley Banks and Jack Hackethorn, Columbia; Dennis Davidson, Hannibal; Robert W. Mills, Boonville; Marshall Harris, St. Louis; Edward W. Sowers, Rolla; and Ray S. Graham, Mount Vernon. At the same time, William R. Toler of Kansas City held a membership committee meeting at Read Hall.

It was announced that nine district alumni meetings would be held in February and March. Efforts will be made to have the University represented by President Ellis; Don Faurot, athletic director; and Dan Devine, the Tigers, new head football coach who is making the rounds trying to meet as many Missouri followers as possible.

Dates and places of the meetings:

District 12, Joplin, February 6; District 5, Jefferson City, February 11; District 8, Nevada, February 12; District 4, Carrollton, February 17; District 2, Chillicothe (to be set); District 11, St. Louis, March 1; District 10, Rolla, March 11; District 6, Mexico, March 13; District 7, Kansas City, April 3.

A change in the publication schedule of the *Alumnus*, effective with the next publishing year, was unanimously approved. The January issue will be omitted, but the remaining nine issues of the year will be enlarged so that the same number of reading pages for the year will be printed. It was explained that the Christmas holidays work a hardship in maintaining editorial and publishing schedules. Under the new plan the *Alumnus* will become a 44-page magazine. The method of dating the issues will revert to the plan used up to two years ago, which means the first issue in the fall will be dated September (rather than October) and the last one in the spring will be dated June (rather than July).

### UTILIZING ENGINEERS AND SCIENTISTS

from page 6

But if engineering schools speed up their programs, professors in some subjects will have to teach more classes a week than they currently are. With the need for engineers as great as it is, can we afford to continue on the present system of professors teaching only 15 or 16 hours a week? Shouldn't teachers go on a longer work week to train as many engineers as possible?

From time to time professors will require a leave of absence—perhaps for a year—to study new subjects and learn about new developments relating to their work. This would make their teaching more meaningful to students. Such a leave should be granted, with full or partial pay. But if pay is granted during the leave, shouldn't there be an agreement that the professor teach at the university—say, for at least five years—on his return?

H. M. MILLER, personnel relations manager, Engineering Department, E. I. du Pont de Nemours & Company:

The career of the average engineer in industry might be divided roughly into four ten-year periods.

The first ten are years of orientation and adaptation to the industrial environment. This is the period where aptitudes must be detected by conscientious management, with generous use of an intellectual irrigating system to develop steady growth and sturdy roots for the more fruitful years ahead. The exceptional individual must be spotted and given the opportunity for exceptional service, and others must be encouraged to realize their full potentials.

The second ten are the years of practical application of technical skills to tangible problems, such as the designing of plants and facilities, or the accomplishing of major research or development. During this period the engineer becomes schooled in the basic principles and techniques of management. He notes that not all the world's problems are technical if he hasn't discovered this previously, and that many of them deal with day-to-day human relations.

This marks the transition to the third period, where he becomes concerned with questions of organization and people. The emphasis shifts from designing a new plant to supervising those who do the designing. The engineer finds he is responsible for getting jobs done on schedule and within the estimate, not by doing the work himself, but by guiding the hands and brains of those who do.

And finally, in the fourth period, the engineer who rises through management finds himself busy with the problems of long-range planning of techniques to insure growth and progress, and to safeguard the future of his company. Engineers in supervision or management carry a heavy responsibility—that of not over-supervising, over-managing, other engineers. The fundamental purpose of supervision is achievement, not control. This we much too often forget, and *figuratively* harness our engineers with martin-gales; *literally* blanketing their creative efforts, their enthusiasm, even their ability to perform. The goal of professional engineering is responsible, independent contribution of substance to the solution of problems. The engineer in supervision or management must re-identify himself with this goal if he is to encourage his engineers to achieve full professional and technical competency.

dynamics (flutter and vibration).

The plane flown by Major Drew is in use by the Tactical Air Command and was designed principally to fly long distances rather than achieve high speeds. It is one of three F-101 models manufactured by McDonnell whose design has been supervised by Bud Flesh as senior project engineer since inception of the project. The other two are a photo-reconnaissance plane and an interceptor fighter. New speed records for west-to-east coast and transcontinental flights were set by the photo-reconnaissance model in November. Existing records toppled as four Air Force pilots flew Voodoos from Los Angeles to New York, all in a little more than three hours, the best mark being 3 hours, 5 minutes and 39.2 seconds. Two made the round trip, one in 6 hours, 42 minutes, 6.7 seconds.

As a Central High School student in St. Louis in the late 20s, Bud was building airplane models. On Sundays he sold tickets for rides with Dale Jackson and Forest O'Brine, two pioneer aviators who set a record for endurance flight. Bud later took flying lessons and held a private pilot's license.

"Top speed of the planes I flew then was about 75 miles an hour, or maybe 80 on a good day," he said.

When contacted by the *Alumnus*, Bud's first questions were about Dean Heckel and Jesse Wrench. He lives at 8330 Stanford, University City, Mo., with his wife and two daughters, Barbara, 21; and Susan, 16.

# sports

## Track schedule well timed

If scheduling can win a championship, the Tiger track team should go into Kansas City March 1 with their best chance in years to end the Jayhawk dynasty. That may be a little like counting on Vanguard to get off the ground, but the Tigers do have a fine balance of tough meets and timing in the following schedule:

- Feb. 1—Notre Dame at South Bend.
- Feb. 6—Wichita at Columbia.
- Feb. 8—Michigan State Relays at East Lansing.
- Feb. 14—Kentucky at Columbia.
- Feb. 22—Kansas at Lawrence.
- Feb. 28-Mar. 1—Big Eight meet at Kansas City.

You'll notice that the almost-traditional date for the Kansas dual meet has been changed. The past two years the Missouri team has been high for this one the week before the conference meet and have taken the man-for-man measure of the champs, but each year they've slumped to sub-par outings at Kansas City and have eaten sawdust from flying Kansas spikes.

This year Coach Botts wanted a change of pace.

How well it works will depend on a few other factors, such as:

- A. A bad night for Kansas after a seemingly endless stretch of good nights reaching back to Missouri dominance of this meet in the late forties.
- B. Help from talented European distance runners representing Oklahoma and Nebraska to offset Tiger team weakness and typical Jayhawk strength in the half-mile, mile and two-mile.
- C. Enough inspirational scoring help from a Missouri team short on depth but long on individual stars like co-captain Henry Wiebe, undefeated over the last two years in the 60-yard dash; co-captain Bob Davis, a pre-meet favorite in the pole vault; miler Jim Sanders, who gave the best early season performance of his career with a 4:18.1 winning mile against Notre Dame in the opener; Bob Rumping, a young shot putter, who has hit 51' 2¼", and should be over 50 feet in Kansas City; and Jim Green, 6 ft. 5 in. high jumper in early trials.
- D. Lack of key injuries to a Missouri team that's been plagued with them during recent winters.

A lot to ask for?

Why not? It will take a lot.

## Long way home for cagers

It was a slow month on the boards. The Tiger basketball team played only one home and two road contests since that exciting opening conference win over Nebraska reported in the January *Alumnus*.

Two tough ones on the road, a squeaker at Ames January 11 (I.S.C. 62, M.U. 55) and another at Norman February 1 (Okla. 59, M.U. 56) combined with a superlative performance by superman Wilt Chamberlain and his Kansas friends in Columbia January 18 (K.U. 68, M.U. 54) have made it slow death for the high hopes of the early season.

The pace picks up with eight games on the schedule for the last month of the season. It's anything but downhill, though, and the toughest grade will be the eleven day span that starts with a blue Monday, February 17, against Kansas University's "Big Dipper," Wilt Chamberlain, in his own backyard bucket at Lawrence. Then come back-to-work Saturdays, February 24 and March 1, at home and abroad against the top-ranked K-State Wildcats, who can field a team with an average height that tops our tallest man.

It will be a long way home, but what is it they say about dark and dawn—adversity and success? Sparky loses only two regulars, Egelhoff and Stephens, and reserve Jon Paden from this year's squad. He keeps the big scoring punch of Siebert and Abrams, and he can look forward to lots of help from Coach Stewart's solidly-drilled and unusually-talented freshman team.

I'd settle for next season right now, but this team will fight 'em till the robins come; and don't bet against their bettering their current sixth place position at the expense of the big boys.

JEAN MADDEN

## class notes

**98** CHARLES MERLIN BARNES, BL, continues to keep in contact with us from his home at Marston, Mo., which is about four miles from the Mississippi River in New Madrid County. There he has spent more than four score years in the town which was named for his mother. Mr. Barnes, as a student in 1891, knew personally all of the players on the football team that year, which was Missouri's first competitive eleven. They practiced on the field where the library now stands, before Rollins Field was laid out. He also helped ring the alarm for the fire which destroyed old Academic Hall. Although Mr. Barnes cannot attend the games nor visit the campus as he would like to do, he continues his interest through radio and other associations. He left the University to become an officer in the Spanish-American War, was a Cadet Major of Company C, and was Captain of the Cadet Company which won Curator's Military Cup the first year it was offered. His son, C. M. BARNES, Jr., AB '25, BS '26, now of New Orleans, received the same award 30 years later.

**03** JOSEPH D. ELLIFF, AB, AM '06, celebrated his 94th birthday on December 31 at his home at 705 Maryland in Columbia. Dr. Elliff, professor emeritus of education at the University, is well known in the field of education for his work in developing secondary education in Missouri. His daughter, Miss MARY ELLIFF, BS Ed. '17, AB '19, spent the holidays with him. Miss Elliff, an editor for a New York publishing firm, lives in Chicago, where she also writes children's textbooks. A son, JOSEPH C. ELLIFF, AB '14, BS Ed. '15, lives at Hubbard Wood, Ill. Recognition and many honors have been given Dr. Elliff during his years of service. He has also been active in church work and in the Masonic Lodge. Today he says his best companions are his pipe and a book.

MILO H. BRINKLEY, BS CE, retired as attorney-examiner for Interstate Commerce Commission in 1945, and since that time has been remodeling and managing family-owned apartment houses in Georgetown, D. C. The Brinkleys have one daughter, Mary B. Reid. The residence is 1236 31st St., N. W., Washington, D. C.

**05** WALLACE ALEXANDER, AB, chemist, retired in 1952 after working 30 years for the same firm in Cleveland, Ohio. The firm formerly known as the Werner G. Smith Co., is now Archer Daniels and Midland, whose main office is in Minneapolis, Minn. The Alexander home is at 502 West Adams St. in Nashville, Ill.

NORMAN J. COLE, LLB., retired, lives at 185 Orr St., Auburn, Calif.

GEORGE C. WHALEY, BS EE, sent us January greetings from South America, where he made a tour of the Argentina-Chili lake region, that area which is often called "The Switzerland of the Americas." The chain of beautiful lakes set in the snow-capped Andes was only one of the interesting features of his trip. Mr. Whaley, retired after many years with the lead mining companies in southeast Missouri, lives at Bonne Terre, Mo., P. O. Box 166.

A. E. CONDONIER, M. D., of 130 E. Walnut St., Troy, Kan., continues in general practice where he has been since 1906. When Troy celebrated its Centennial in May, 1956, Dr. Condonier had a "Golden Anniversary" at the same time. He continues in active practice.

**07** ANNETTE GUISENGER Carr, Arts, retired teacher, is now living at 211 N. Alta, Whittier, Calif. Mrs. Carr, after the death of her husband, returned to teaching in 1942, where she tutored remedial reading in Whittier. She retired in 1951.

WALTER E. BAILEY, AB, LLB '09, began his law practice in Carthage, Mo., following his graduation from the University, and has served nearly 25 years as Circuit Judge of the Twenty-fifth Circuit. He is not seeking reelection this year and his present term expires January 1, 1959. Judge Bailey has served as judge of the Springfield Court of Appeals and has been a member of the Missouri House of Representatives.

**08** JOSEPH CONWAY SNYDER, AB, BS Ed., lives at 4409 Lowell Ave., La Crescenta, Calif.

GEORGE TURNER HIDER, farmer and cotton gin operator, has not been in Columbia since the fall of 1907, but hopes to get back this spring for the 50th Reunion of the Class of '08. (We think he will find a few changes.) Mr. Hider lives at Lake Providence, Louisiana, P. O. Box 386.

Mrs. Paul Baldwin, the former ELIZABETH BRASFIELD, AB, BS, has lived in Kennett, Mo., since 1914 and three of her children have attended the University. They are ELIZABETH BALDWIN RIGDON, BJ '35, JULIA BALDWIN TAYLOR, '43, and PAUL BALDWIN, Jr., '46. The Baldwin home is at 200 W. Washington in Kennett.

Dr. and Mrs. E. L. SPENCE, Med. 13, have recently completed a six weeks tour of South America. Mrs. Spence is the former MITTIE V. ROBNETT, AB. Their home is at 301 College Avenue in Kennett, Mo.

**10** Mr. and Mrs. J. L. BUNTIN are living in Napton, Saline County, Mo. Mr. Buntin has had a busy life with agricultural engineering, contracting, building, plumbing, heating, air-conditioning, electricity on the farm, water systems and water softening—along with family and community activities. Their only daughter is a private secretary with Cook Paint and Varnish Company in North Kansas City, Mo. The oldest son is in Iran, doing supervisory work with the U. S. government. Another son is yard master for the Pennsylvania Railroad in Chicago, and the youngest son is in Champaign, Ill., where he is an office manager.

**14** LLOYD BURLINGHAM, MS, of 300 West Washington, Chicago 6, Ill., is doing radio work in agriculture.

HAZEL THORNBURG Butzloff, BJ and AB, is an employment counselor with the Ohio State Employment Service, where she has worked for more than 13 years. Mrs. Butzloff was one of the charter members of the Chi Omega chapter at the University. Mr. Butzloff, a graduate of Cornell College in Iowa, died in 1944. Their three children, Roberta, Jean and Harold M. Jr., are all married. Mrs. Butzloff lives at 422 Parkview St., Mansfield, Ohio.

**16** JAMES W. BURCH, BS Agr., AM '31, Director of the Missouri Agricultural Extension Service for the past 22 years, was recognized for leadership at the Association of Land Grant College and University Convention in Denver, Colo., last November. Mr. Burch was awarded the distinguished service ruby, highest award of Epsilon Sigma Phi, honorary society of Extension workers. Outstanding among his achievements is the establishing of the balanced farming program 20 years ago, a plan that has spread from Missouri to become a farm and home development program of national scope. Mr. Burch was reared on a farm near Linneus, and he and Mrs. Burch now make their home on Route 1 near Rocheport, Mo.

J. L. INGWERSEN, BS Agr., real estate loan assistant with the Farmers Home Administration, received an incentive award from the U. S. Department of Agriculture in December for "sustained superior performance of assigned duties." The award was based on his development of a state instruction method of appraising the value of farms. Mr. Ingwersen has been employed by the Farmers Home Administration since 1934 and is with the State office in Columbia. Mr. and Mrs. Ingwersen, their daughter, Donna, and son, John, live at 18 West Boulevard North, Columbia.

## class notes

**18** OSCAR T. COIL, BS Ed., after a cumulative 49 years of teaching, retired in 1955 and is presently living at Steele, Mo. Mr. Coil began his teaching in the rural schools, and his college education at Central Wesleyan College in Warrenton. He received his Bachelor of Pedagogy degree there in 1912, and, in addition to his work at Missouri, received his AM degree from Chicago University in 1923. He served as teacher, principal, and for 35 years was a superintendent of schools. As a superintendent, he was located at Ste. Genevieve; Dexter; Almena, Kan.; Colby, Kan.; De Soto, and Steele, Mo. In 1949 he retired as superintendent, and spent six more years teaching in the classroom at Steele High School and one year at the high school in Gosnell, Ark.

ADOLPH MAYER, who left the University to enlist as an aviation cadet in February, 1918, and who is a charter member of the local air reserve squadron, retired from the group on December 30, 1957. A Lieutenant Colonel, he was the first from the group to retire. At the same time he retired as division representative for the Claussner Hosiery Company of Paducah, Ky. Col. and Mrs. Mayer have lived in Columbia since 1945 and will continue to make their home here at 103 West Parkway Drive.

**24** FOSTER HAILEY, BJ, Tokyo correspondent for the New York Times represented the University at the 75th Anniversary celebration of the founding of Waseda University in Tokyo last fall.

BEATRICE ROBINSON, AB, BS Ed. '36, social worker, is a field representative with the Bureau of Children's Services, Department of Public Welfare, Harrisburg, Pa. Miss Robinson lives at Georgian Hall, Carlisle Pike, Camp Hill, in Pennsylvania. She was formerly employed by the Bureau of Indian Affairs, Navajo Agency, at Window Rock, Arizona.

**27** JAMES M. ALTHOUSE, AM, is a technical advisor for Wright Air Development Center in Dayton, Ohio. Mr. and Mrs. Althouse and two children, Patricia Ann and James III, live at 227 Shady Lane, Dayton 32.

Mr. and Mrs. FRED Z. HATTON live at 15 West 53rd Street in Kansas City, Mo. Mrs. Hatton, formerly of Columbia, is the former SARA ANN WHEELER, BJ. She is currently district governor of the seventh province of the Alpha Phi sorority. Mr. Hatton has long been an executive with the Muehlebach Hotel in Kansas City.

ROY D. HOCKENSMITH, BS Agr., AM '28, is a soil scientist for the U. S. Soil Conservation Service. Mr. and Mrs. Hockensmith and son, Duane, 23, live at 2832 Place, N.W., Washington, D. C. Mrs. Hockensmith is the former EDITH MCKENZIE, BJ '30.

ALBERT KARSCH, BJ, is advertising manager for the Farmington, Mo., News.

LILLIAN TRAVERS, AB, formerly of Kirksville, Mo., is associated with John Price Jones firm in New York, and has had more than 15 years experience in public relations and fund raising work. She has traveled in Europe, Central and South America, Canada and the Caribbean countries, and her most recent trip has been a five-months jaunt through Africa. Miss Travers tells a vivid story of this experience as she traveled from the Mediterranean to the Cape of Good Hope, visiting Zanzibar, Monbasa, Southern Rhodesia, Victoria Falls, Cape Town, and many other places of interest. She was formerly a territorial program director for the U.S.O. in Hawaii and director of the International Camp for Girls at Istanbul, Turkey. Her home address is 440 W. 24th St., New York 11, N. Y.

CHESLY MANLY, BJ, Chicago Tribune Reporter, was one of three recipients of the Edward Scott Beck award of \$500 given in December for excellence in reporting, writing and photography. Mr. Manly's award was in recognition of his series of articles naming and evaluating the nation's ten leading universities. The series attracted nation-wide attention when it was published early in 1957. Mr. Manly is the author of "The Twenty Year Revolution, from Roosevelt to Eisenhower," and "The U. N. Record." He joined the Tribune staff in 1929. His Chicago address is 3300 N. Lake Shore Drive, Apt. 16E.

**28** Mrs. William A. Hume, who was formerly MARTHA MASON LUKIE, BS Ed., is secretary and translator in the foreign department of Mercantile Trust Company in St. Louis, Mo. Mr. Hume is with the engineering test laboratories of McDonnell Aircraft Corporation. Their home is at 4924 Buckingham Court, St. Louis 8, Mo.

HARRY B. ROBINSON, AB, BS Ed. '33, with the U. S. Park Service since 1940, is now stationed at Sequoia National Park, Three Rivers, California. Mr. Robinson formerly taught at the University, Stephens and Christian Colleges in Columbia, and at Central College in Fayette. Since 1940 he has served at the Region Two Office in Omaha, Neb., and, prior to January 1, 1958, has been Chief Park Naturalist at Glacier National Park in Montana. Mr. and

Mrs. Robinson have moved to Three Rivers, and their son, a freshman at the University of Montana, remained there to finish the school year.

WELDON FORD, BJ, is owner of the Ford Advertising Agency in Enid, Okla. This agency, established in 1945, provides complete service for line lumber yards, oil industries, steel fabricating plants and feed and seed companies. Their offices are in the First National Bank Building. The Ford residence is at 1409 Ramona Drive, Enid.

Mrs. Hilary A. Bush, who was FRANCES STROMBERG, BJ, was an advertising copywriter, and now does occasional free lance and publicity writing from her home in Kansas City at 4221 E. 87th St. Mr. Bush is an attorney and their son, Charles R. Bush, is now 16 years old.

R. T. RISK, AB, is treasurer of General Steel Castings Corporation in St. Louis, Mo. Mrs. Risk, formerly Marjorie Beckwith, is a graduate of Stephens College. Their three children are RICHARD, BS BA '56, SALLY JANE, former student, and Robert, age 15. Their home is at 1659 Forest View Drive, Kirkwood 22, Mo.

**29** CHESTER M. BROWN, AB, became a vice-president of Allied Chemical and Dye Corporation, New York City, on December 1, 1957. He has served as president of the Company's General Chemical Division since 1955. Born in Cape Girardeau, Mo., Mr. Brown joined the general chemical division of Allied Chemical in East St. Louis in 1929, and was trans-



Chester M. Brown, '29

ferred to Pt. Pleasant, W. Va., as plant manager in 1942. Here he became director, vice president, executive vice president, and president. The Brown home is at 860 Gate Way, Hillside, N. J.

OTHA J. HOPPER, BS Agr., is a real estate salesman for the J. C. Nichols Company with offices at 310 Ward Parkway in Kansas City, Mo. The Hopper family consists of Stephen, 23, Emilou, 21, Jean, 18, and Mary, 17.

**30** HURLEY LEE MOTLEY, AB, BS Med. '32, AM '32, Ph.D. '34, professor of the medical department of the University of Southern California, represented the University at the inauguration Dec. 6 of John L. Davis as president of Chapman College, Orange, Calif. Dr. Motley was formerly on the faculty of the University of Missouri, where he was an associate professor from 1940 until his departure in 1946. Mrs. Motley is the former CORNEALIA G. ELLIS, AB '35, AM '37, BS Med. '40. Their home address is 2003 No. Serrano Ave., Los Angeles 27.

M. MAUDE FREELAND, BS Ed., extension instructor in journalism at the University, is director of the rural newspaper correspondents program of the School of Journalism and the Adult Education and Extension Department of the University. Her work, over the entire state, deals with problems encountered by the correspondents and, in addition, the correspondents receive each month a copy of "The Listening Post," a magazine of helps, suggestions and exchange of ideas. Miss Freeland is the daughter of W. E. Freeland, owner and publisher of two newspapers in Missouri: the Taney County Republican at Forsyth and the White River Leader of Branson. She worked with her father on these papers until 1948, when the Journalism School brought her to Columbia to work with the Extension Department. In 1954 she returned to help with the papers her parents publish, but came back in the fall of 1957 to rejoin the faculty. Miss Freeland lives at 819 Rollins in Columbia.

**32** EDGAR L. BARBEE, BS Agr., has worked with farm mortgage investments for the Metropolitan Life Insurance Company since 1933. His wife is the former MARGARET ESHELMAN, BS Ed. '31. Their two children are Walter W., 20, and Susan J., 16. Their home is at 1202 Ithaca Ave., Spirit Lake, Iowa.

**34** ELEANOR BALL, BS Ed., is teaching commerce and related subjects in the schools of Mullinville, Kan.

JOHN ARDINGER, BJ, formerly of Lexington, Mo., is press agent for the Barter Theater of Virginia, one of the largest professional theater companies outside New York, with headquarters in Abingdon, Va. In 1946 Barter became the first state-supported theater in Virginia.

CHARLES J. YAEGER, BS EE, is sales manager in Illinois for the A. P. Green

Fire Brick Company. A son, C. J. Yaeger, Jr., is now enrolled in engineering at the University. The Yaeger residence is at 16 W 246 Timberview Drive, Elmhurst, Ill.

**36** J. D. ELGIN, BJ, recently was named manager of Socony Mobil Oil Company's advertising department. He has been with



**your lamps can be beautiful and give good light . . .**

While lamps can be attractive, their *first* job is to give adequate lighting. Well designed lamps provide two things—the right *amount* of light and proper light *diffusion* to avoid glare and shadows.

The room above has met these requirements in an interesting arrangement. Diffused light from the recessed ceiling fixtures over the all-electric kitchen area provides *general* illumination, while the pull-down lamp gives ample *local* light for dining. Built-in spots in the ceiling, plus decorative lamps and wall panels (shown in the background), add a dramatic touch to highlight draperies and indoor plantings.

It's just one more example of how modern lamps combine smart decoration with good light!



**KANSAS CITY POWER & LIGHT COMPANY**

## class notes

Socony since September, 1957, having been director of advertising and sales promotion for the National Gypsum Company, Buffalo, N. Y., for five years. He is a native of Hopkinsville, Ky., and entered the advertising field in Chicago, where he has worked with Toastmaster Products, MacFarland, Avryard & Co., and Pabst Sales Co. Mr. Elgin's home is in Chappaqua, N. Y., and his business address is 150 East 42nd Street, New York 17, N. Y.

A. D. SAPPINGTON, LLB, is full-time vice-president and counsel for the M. F. A. Mutual Insurance Company with offices in Columbia. He has been serving as vice-president and general counsel for MFA Mutual and general counsel of the Missouri Farmers Association. He has been with MFA since 1943, after serving as city attorney for Columbia from 1939 to 1945. Mrs. Sappington is the former HELEN K. EDMISTON, BS RPW '35. Mr. and Mrs. Sappington and two daughters live at 1400 West Broadway in Columbia.

**37** STANWAY CHENG, AM, is director and editor of The China News, the leading English language daily in Free China. Their office is 86 Hwai-Ning St., Taipei, Free China.

CHARLES H. CALLISON, BJ, is conservation director with the National Wildlife Federation, 232 Carroll St., N. W., Takoma Park, Washington, D. C.

FRANCES WAGGONER WALSH, AM, is assistant professor of children's literature at Northeast Missouri State College in Kirksville, Mo. Mrs. Walsh has taught in the public schools of Missouri and was a member of the faculty of the North Michigan College at Marquette before coming to Kirksville at the beginning of the current semester.

JOHN ED HARRIS, BS Agr., Cooper County agricultural extension agent, was one of five Missouri agents to be presented a National Association of County Agents distinguished service award in Boston last fall. After graduation, Mr. Harris taught vocational agriculture six years, then joined the extension service in 1943. He became Cooper County agent in 1951, and was recognized nationally for his outstanding contribution to the extension program. Mr. Harris has his headquarters in Boonville, Mo.

HAROLD H. WILKE, AB, is executive director of the Commission on Church and Ministry of the Evangelical and Reformed Church, with offices located at 2969 W. 25th St., Cleveland 13, Ohio. Rev. Wilkie, D. D., was minister of the Evangelical Chapel on Hitt Street in Columbia for many years.

**38** JOSEPH W. ROMBERG, BS Ch.E., project engineer in the Asphalt Research Department of Texaco's Port Arthur-Port Neches, Texas, Research Laboratories, has been with the Texas Company since 1938. He is the patentee of a recently issued patent of the Company which covers improvements in wire rope lubricant comprising a blown petroleum extract and a paraffinic residuum. He is also the author of two other patents, and is the co-author of technical papers dealing with asphalt materials.

JOHN F. BECK, BJ, is director of news broadcasts for KNX, CBS Pacific Radio network, and is West Coast representative for Edward R. Murrow's "See It Now, Person-to-Person." His business address, c/o KNX, is 6121 Sunset Blvd., Hollywood 28, Calif. The Beck home is 16725 Bajio Road, Encino, Calif.

**40** EDGAR W. SUNDERMEYER, BS Agr., is a seed technologist for the U. S. Department of Agriculture and is located in the Kansas City area. Mr. and Mrs. Sundermeyer and son, Michael, 7, live at 3911 Crestview Road, Independence, Mo.

CHARLES ED BOUNDS, BJ, AM '42, is head of the department of journalism at the University of Alabama. His home is at 44 Guildswood, Tuscaloosa, and the mailing address is P.O. Box 656.

**41** J. LAWRENCE WALKUP, M. Ed., D. Ed. '48, formerly of Wheeling, Mo., has been appointed president of Arizona State College in Flagstaff. A graduate of Central Missouri State College, Dr. Walk-



*Ernest C. Tupes, '41*



*Robert D. Holloway, '41*

up taught many years in Missouri schools before going to Arizona State in 1948. Here he served as director of the college elementary school, head of the education department and dean of instruction before taking his present position. Mrs. Walkup is the former LUCY FRANCES MELOY, Ed. '41. Their home is at 60 Havasupai Road, Flagstaff.

ROBERT D. HOLLOWAY, AB, BJ '42, has been named Southeastern area public relations representative by Reynolds Metals Company and is based at the aluminum firm's Listerhill, Ala., operations. Mr. Holloway was United Press bureau manager at Jacksonville, Fla., prior to entering the public relations field. He has served in public relations positions with Southern Natural Gas Company in Birmingham, the Birmingham Community Chest, and most recently was representative for Chemstrand Corporation in Decatur, Ala. Mr. Holloway is a native of Kansas City, Mo.

ERNEST C. TUPES, AB, is the new chief of the Air Force Personnel and Training Research Center's (AFPTRC) Selection and Classification Branch. This Center, with headquarters at Lackland Air Force Base, Texas, is one of the major research centers belonging to the Air Research and Development Command and conducts research in personnel, maintenance, operator and training problems. Dr. Tupes became a research psychologist with AFPTRC in 1949. He holds his doctorate in Psychology from the University of Michigan. Dr. and Mrs. Tupes and two children live at 234 Montpelier in San Antonio, Texas.

JOHN DOUGLAS, BS Agr., MS '53, agricultural agent of Shelby County, and

G. E. LYNESS, agent of Andrew County, both were given distinguished service awards in December by the Missouri Association of County Agricultural Agents. Mr. Lyness, with the Extension Service since 1942, has served in St. Clair and Andrew counties. He has also worked with Soil Conservation Service and was a vocational agriculture teacher for 12 years. Mr. Douglas, has been county agent at Shelbyville since 1948.

KARL WICKSTROM, BS Agr., on December 1 became editor of the *Milking Shorthorn Journal* in Waterloo, Iowa. He also serves the society as a representative at many shows and sales, as well as manager of publicity and public relations. A native of southwest Missouri, Mr. Wickstrom has served as a county agricultural agent, and, for the past five years, has been public relations director for Producers Creamery and feature editor of their publication, *Carthage*, Mo. Mrs. Wickstrom is the former ESTHER M. LeGRANDE, BS HE '42. Mr. and Mrs. Wickstrom and three daughters, Ann Marie, 10, Karla Sue, 8, and Janet Lynne, 4, live on their farm near Marshfield, Mo.

**42** DANIEL U. BURRIS, BS Agr., is with the Soil Conservation Service of the U. S. Department of Agriculture, stationed in Manhattan, Kan. Mrs. Burris is the former MARY RUTH FOREMAN, BS HE '40. Their new home is at 1836 College Heights Road in Manhattan. The three children are Byron, 15, Joyce, 12, and Stephen, 10.

CHARLES W. STEELE, AB, received his doctor of philosophy degree from Ohio State University in December.

FRANK K. HEFNER, AM, and family have recently returned to the Department of State after three years assignment with the United States Embassy in Bonn, Germany. Their home address is now 139-A Hummer Road, Annandale, Virginia.

**44** F. T. CROOKSHANK, BS ChE., joined the Texaco Company in 1944 as a chemical engineer at the Port Arthur Research Laboratories and is presently a project engineer in the grease research department. He is a co-patentee of a recently issued patent assigned to the Texaco Company which covers improvements in traction motor gear lubricant. He also holds other patents in the field of soluble cutting fluids.

EDWARD C. BECKER, BS Agr., with the Canadian National Museum in Ontario, Canada, and Mrs. Becker, who was MARTHA MAE ELLIOTT, now



*The Misses Becker*

have four daughters, who are shown in the accompanying photograph. They are Marcia, 5, Barbara, 9, Debbie, 4, and Lynda, six months. The Becker home is at 186 Roger Road, Ottawa, Ontario. Mr. Becker received his masters and doctorate degrees from the University of Illinois, and was employed as entomologist for the Standard Fruit and SS Company in Honduras, Central America, before going to Canada. His family are the Beckers of Williamsville, Mo., Rolling Shoals Farm, all eight of whom are alumni of the University. Mrs. Becker's family are the Elliots of Lathrop, Mo., five of whom are graduates and loyal friends of the University.

**45** JAMES M. CHILDERS, BS Agr., completed work for a master's degree in education at the University of Nebraska in June, 1957, and is teaching in Citrus Junior College at Azusa, Calif. The Childers live at 10749 Palm Drive, Azusa.

Mrs. Sidney S. Branson, who was NORMA JEAN NICHOLS, BS, is doing social work as a supervisor in charge of adoption services at the local county welfare department, and lives at 514 No. Oakdale, Rialto, Calif.

**46** Mrs. Harrison Baker, Jr., who was JANE KLINDWORTH, BJ, is advertising copywriter for Neiman-Marcus in Dallas, Texas. Their home is at 9499 Webb Chapel Road in Dallas.

Mr. and Mrs. Andrew P. Bennett, Jr., live at 910 Disco Drive in Ferguson, Mo. Mrs. Bennett is the former KATHRYN M. WUEST, BS Ed. She keeps busy with their two children, Fred, now 6 and in kindergarten, and Kathy, 3. Another interest is her hobby—hats. Mrs. Bennett has taken some millinery courses and now collects, and shows to local

groups, hats from ten years or more ago.

JOAN RUFEL, AB, BJ '47, is Mrs. Haskell Imes of Kansas City, Mo. The Imes children are Diane, 6, Linda, 5, and Larry, 1. Their home is 5504 Central, Kansas City, Mo.

**47** ED CAPPS, B.J. is an associate editor of the Sacramento, Calif., Newsletter. This Newsletter is a report on California legislation, government and politics and is published at 3310 Harmony Lane, Sacramento 21. His address is 4724 Kenneth Ave., Carmichael, Calif.

CHARLES F. REEVES, BS Agr., has been appointed to the office of Judge of Probate and Magistrate Courts, effective January 1, 1958. He is prosecuting attorney of Mississippi County, with offices in Charleston, Mo.

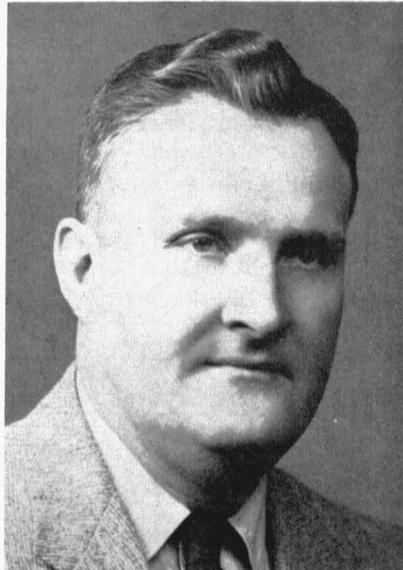
CURTIS R. WINTERS, Jr., BS BPA, is with the McCarty Company, advertising, 3576 Wilshire Blvd., Los Angeles 5, Calif. as director of plans following his transfer from Chicago where he was McCarty's associate manager. Curtis and his wife, Marilyn, plan to taper off in their educational pursuits beginning this month; she's working on a master's at U.C.L.A. five days a week and they've been going to school together five nights a week.

**48** IRVING HERMAN, BJ, has his own company, "Pre-tested Promotions, Unlimited," which is an advertising-merchandising-sales organization dealing in sales promotion and traffic-producing merchandise for retailers and the trade. Mr. Herman's address is 23240 Kenosha, Oak Park 37, Mich.

H. BAILEY GALLISON, AB, executive manager of the La Jolla Town Council, Inc., La Jolla, Calif., has been nominated as one of the candidates for the San Diego Junior Chamber of Commerce's "Young Man of the Year" award. This nomination was made on the basis of his outstanding leadership of one of San Diego county's most active civic groups. Mr. Gallison has been manager of the Town Council since 1953, and during that time has obtained vast up-zoning of La Jolla property, has inaugurated numerous community special events and has concluded major street improvement plans. Last year he was elected a member of the Board of Directors of the California Association of Chamber of Commerce managers. He is a native of Orange, N. J., is married and has one daughter. Mr. Gallison is a frequent visitor in Columbia, and greets many Mizzou alumni in his offices at 7923 Herschel Avenue, La Jolla.

## class notes

JOHN I. DENNY, BS PA, realtor, has a new real estate office 1/2 mile east of Wentzville, Mo., on Highway 40. Mrs. Denny, the former DORRIS I. GOSE, BS HE, teaches in junior high school at Wentzville. Their son, Walter Brent, is now five years old. The Denny residence is 613 Wall St., Wentzville.



John I. Denny, '48



Dorris Gose Denny, '48

**49** FRED TEUBNER, BS Agr., is an assistant professor at Michigan State University and has recently moved to a new home at 1310 N. Foster in Lansing. Mrs. Teubner is the former MAUDA RUTH GRIMES, BS HE '50. Their son, Richard Matthew, is nearly a year old.

JOHN PAXTON KEELEY, BS BA, after working in North Dakota for a manufacturing company, is back in Kansas City, where he is a buyer for Rothschild's in menswear, downstairs store. Mrs. Keeley is the former CHARLENE DALSTEIN, AB '49. Mr. and Mrs. Keeley and children, Linda Scott, 11, and Nicky, 5, live at 1404 E. 108th St., Kansas City, Mo.

Dr. and Mrs. Everett W. Butler and sons live at 40 Main Street in Bradford, Pa. Mrs. Butler is the former GRACE PEARL BOTNER, BJ, of Columbia, and Dr. Butler did pre-medical school studies here.

**50** JOHN PHILLIP KIBBE, BS BA, is manager of budgets and measurement in the foundry department of General Electric Company plant at Schenectady, N. Y. Mr. Kibbe joined General Electric after graduation, and for the past two years he has been a traveling auditor. Mr. and Mrs. Kibbe and two children live at 152 Willow Lane, Scotia 2, New York.

JAMES E. DILLION, BS. Agr. '50, MS '51, former instructor in agricultural economics at the University, is a farm manager for Citizens National Bank of Decatur, Ill. At the National meeting of the American Society of Farm Managers and Rural Appraisers held in Chicago in December, Mr. Dillion was awarded the title of Accredited Farm Manager, this recognition being given on the basis of achievement and service. Mrs. Dillion is the former HELEN CAPPS, BS Ed. of Columbia. They have a daughter and a son and live at 1112 North Oakcrest in Decatur.

BILLY C. DANIELS, BS ME, is an engineer with the Missile and Ordnance department of the General Electric Company in Philadelphia. Mr. and Mrs. Daniels and children, Rebecca Sue, 7, and James Alan, 4, live at 18 Yale Square, Morton, Pa.

JOHN ED YOUNG, BS BA, is manager of the tax department of Arthur Young and Company, certified public accountants of Kansas City. An article on achieving tax savings through the bond market, written by Mr. Young, appeared in a recent issue of Bank News. Mrs. Young is the former SARAH ETTA ENGLISH, AB '52, of Columbia. Their home in Kansas City is 501 E. 31st Ave., North Kansas City, Mo.

ROBERT W. LEWIS, BS ME, is a project engineer in the engineering department of the Aircraft Engines Operations at Allison Division of General Motors in Indianapolis, Indiana. Mr. Lewis joined Allison in July, 1954, after completion of requirements for the M.S. degree at Iowa State College. While at Iowa he served as a research assistant for the Department of Aeronautical Engineering and the Institute for Atomic Research. He was also employed with McDonnell Aircraft in St. Louis. An article written by Mr. Lewis appears in a recent issue of General Motors Engineering Journal.

GEORGE C. MIRRAS, Arts, who has been promotion manager of WOW, WOW-TV in Omaha, Mo., has recently been made sales development manager there. His home address is 2929 Westgate Road, Omaha, Neb.

**51** CARROLL VULGAMOTT, BS Agr., DVM., is practicing in Savannah, Mo., where the family residence is 404 N. 6th St. Dr. Vulgamott's family consists of Mrs. Vulgamott and three children, Carla, Jimmy and Judy. The youngest daughter, Judith Ellen, arrived on December 4,

1957, and is presently the chief attraction of the household.

Mr. and Mrs. JAMES W. HEAD BS PA, of 9612 E. 65th Terrace, Kansas City 33, Mo., announced the arrival of a son, James W., Jr., last November. Mrs. Head is the former DORIS ANNE MICHAEL, '52, of Columbia.

Mr. and Mrs. DENNIS P. WISE, Jr., BS Agr., are living in Boulder, Colo., and a son, their third child, was born on December 13, 1957. The Wise residence is at 1515 Marine, Boulder. Mr. Wise is with Sturtz-Copeland Florist in Boulder.

ROBERT C. ELLIS, BS CE, is an assistant instructor in business management at the University and is continuing his studies in the graduate school. His home is at 419 E. High St., Jefferson City, Mo.

FRANK SALLEE, Jr., BS Agr., is zone manager for the Investor's Diversified Services with offices at 410 Kirkpatrick Building, St. Joseph, Mo. Mrs. Sallee is the former NANCY ANN FOSTER, Ed. '52. They have three children; the twins, Linda Gail and Deborah Ann, 4, and Frank Foster, 1. Their address is 3707 Mitchell Ave., St. Joseph.

DENNIS COOK THOMPSON, BS ME, is an instructor in mechanical engineering at the University of Kansas. He is also working toward an advanced degree there. Mr. Thompson's home address is 22 W. 68th Terrace, Kansas City, Mo.

**52** HAROLD S. TYLER, BS ME, materials and equipment inspection engineer for Phillips Petroleum Company, recently moved

from Bartlesville, Oklahoma, to 5803 Bellaire Blvd., Houston 36, Texas.

ARTHUR W. NUNLEY, Jr., AB, is enrolled as a member of the June, 1958, class of the American Institute for Foreign Trade, Phoenix, Arizona. Specializing in Latin America, Mr. Nunley is taking the school's intensive training course in preparation for a career in American business or government abroad. A veteran of the U. S. Air Force, he served in Newfoundland, Greenland, England and Canada, 1954 through 1956. He is located at Thunderbird Field No. 1, Phoenix.

JOHN SUMMITT, BS Agr., is a newly-elected member of the board of the Missouri Farm Bureau Federation in Jefferson City, Mo. He is a farmer of Scott County, Mo., and has been active in the agricultural organizations there. His operations are diversified, including purebred Angus cattle, cotton and soybeans, and strawberries.

53 A son, John Griffith Madden III, was born on December 27, to Mr. and Mrs. JOHN GRIF-FITH MADDEN, Jr., AB, of 6728 Charlotte Street, Kansas City, Mo. Mr. Madden is a practicing lawyer in Kansas City. Both grandfathers of the baby are alumni of the University: JOHN GRIF-FITH MADDEN, AB '21, of Rockledge Farm, Martin City, Mo., and HENRY A. BODENDIECK, BJ '28, of 5758 Oakwood Road, Kansas City, Mo. The baby's mother, formerly Judith Bodendieck, is a graduate of Stephens College.

JERRY L. COX, BJ, of Cleveland, has been elected treasurer of the Northeast Ohio Industrial Editors Association recently. Mr. Cox is with Carling Brewing Company and lives at 9400 Quincy Ave., Cleveland 6, Ohio.

FRITZ KREISLER, BJ, for the past two years sports editor of the Mexico, Mo., Ledger, began work in October under Ernie Mehl of the Kansas City Star sports desk.

ROBERT E. BEST, BS Agr., editor of Lancaster Farming, weekly tabloid of Lancaster, Pa., visited in Columbia in December as they vacationed and covered the International Livestock Exhibition in Chicago. Mrs. Best is the former MAR-ION DENNY. Mr. and Mrs. Best and daughter, Kathleen Leigh, live at 617 E. Frederick St., Lancaster.

Dr. A. J. CAMPBELL, AB, BS Med. '54, has opened his office for the practice of medicine in the newly redecorated office of his late father, Dr. A. J. CAMP-BELL, '04., in Sedalia, Mo. Dr. Campbell received his M.D. degree from the University of Pennsylvania Medical School in 1956, and from there went to

the University of Michigan for his internship. He had started his residency program in general practice when he was called home last fall by his father's illness. Mrs. Campbell is the former JANET MARIE BEAVEN, BS Ed. They have two children, Elizabeth Estill, who is called Beckey, 3, and Albert James, III, who is 1½. They are living at 1522 Driftwood Drive in Sedalia.

Mr. and Mrs. JAMES W. THOMAS, BS EE, of Indianapolis, Indiana, have a daughter, Sandra Kay, who was born late in October. Mrs. Thomas is the former Joan Vemer of Columbia.

54 GEORGE W. MAIZE, BS Agr., of Pattonsburg, Mo., returned to civilian life on January 31, 1958, after three and one half years service with the U. S. Air Force. Upon graduation he received a reserve commission as a second lieutenant and in September, 1955, received the silver wings of an Air Force Pilot. Since January, 1956, Lt. Maize has been a member of the Airways and Air Communications Service detachment at Dreux Air Base, France. He is married to the former Paulette de Creuse of Vittel, France, and they plan to remain in France for a few months prior to returning to the United States.

ROBERT C. PACE II, BJ, is doing advertising and sales promotion for Jewel Tea Company in the Chicago area. A son, Robert C. Pace, III, was born to Mr. and Mrs. Pace on November 25 in Evanston. The Pace residence is 1335 Birchwood, Chicago.

DAVID B. ALDAG, BS ME, engineer, has been working for the Kansas Power and Light Company in Salina, Kansas, since his discharge from the Army early in 1957. His address is 247 N. 11th, Salina.

HARRY CAICEDO, BJ, is associate editor of Latin American Report, a monthly magazine, published in New Orleans, La. Mr. and Mrs. Caicedo have lived in New Orleans for the past 2½ years. Their home is at 2127 Baronne St. Mrs. Caicedo is the former TONI KNIGHT, Ed., of Columbia, Mo.

FRANK STANLEY, BS Agr., MS '55, on December 1 joined the Soils staff of the University. He is doing experimental work on soil fertility and plant nutrition in cotton, soybeans and corn at the experimental field in Southeast Missouri. Mr. and Mrs. Stanley and son are living in Sikeston, Mo.

JACK PROVIN, BS Agr., who has been manager of the Harrison County Agricultural Stabilization and Conservation office at Bethany, Mo., for four years, has joined the state office in Columbia. He is an assistant program

specialist in the agricultural conservation program division. Mr. and Mrs. Provin and two children will live in Columbia.

55 JOHN E. (Jack) BRASE, BS BA, has joined the State Farm Insurance Agency in Festus, Mo., and is now associated with Graham & McFerron in selling all types of farm insurance. In October he completed two years of service as a lieutenant in the Air Force. Mr. and Mrs. Brase and two sons, Ty and Mike, live in Festus.

JOHN B. THOMAS, BS BA, completed his work for a master's degree in journalism at Oklahoma State University in 1957, and is now, with Caterpillar Tractor Company, taking their 16 week training program at the Peoria, Ill., home office. Mrs. Thomas is assistant agricultural editor for Oklahoma State University. Their address remains 1718 Admiral Road in Stillwater until the last of May, when they will move to Peoria.

R. DALE DICK, AM, and Mrs. Dick, who is the former BEVERLY SPARKS of Columbia, announced the birth of a son, Gregory Dale, on December 29. Mr. Dick is a research associate in psychology at the University, and their home is at 2A Calvin Drive in Columbia.

Mr. Jim Parker, who was ROBERTA JENNINGS, BJ, is assistant editor of the Trading Post, official publication for the employees of the 24 stores of C. R. Anthony Company in Norman, Okla. She was formerly employed by Conner's Advertising Agency in Denver, and by KLZ and KLZ-TV in Denver. Mr. Parker is a student in electrical engineering at Oklahoma University.

56 JOHANNES VAN EESTEREN, of The Hague, The Netherlands, hopes to return to the States to continue his studies when he completes his service in the Royal Netherlands Air Force. In November, 1956, he was called to active duty for a two year's term. Since that time he has completed the courses at the Officers Candidate School and the School of Military Administration and was commissioned 2nd lieutenant. At present he is assigned to the A.F.'s Personnel Selection Department at Nijmegen in the east of Holland, where he has about six months more service before returning to civilian life. Lt. Van Eesteren's address is Ruychrocklaan 107, The Hague, The Netherlands.

JAMES A. WISE, BS BA, former Columbian, is with General Motors Acceptance Corporation in Pueblo, Colorado. His address there is 2625 Acres, Pueblo.

## class notes

OTTO KUX, AB, was recently commissioned second lieutenant in the U. S. Army after attaining citizenship. Regulations prevented his receiving such a commission while an alien at the time of his graduation. Mr. Kux is living at 826 W. Dayton, Madison, Wisconsin.

JOHN D. BENTLEY, AB, was designated a naval aviator on December 3 at the Naval air Station in Hutchinson, Kansas, and is now in the advanced 12 weeks of instruction in Navy's P2V "Neptune" patrol-bomber. Ensign Bentley is a son of Mr. and Mrs. Charles S. Bentley of Hotel Hershey, Hershey, Pa.



MARY HELEN (China) ALTMAN is with the Boston Bureau of the United Press.

**57** THOMAS J. STEPHENS, Jr., LLB, is juvenile officer for the 36th judicial district composed of Daviess, Caldwell and Livingston Counties in Missouri. Mr. Stephens is a practicing attorney in Chillicothe, Mo. Mrs. Stephens is the Livingston County Agricultural Home Agent.

MARY CAROLINE HORN, BJ, is a copywriter for Lone Star Gas Company in Dallas, Texas. She worked at the Dallas Times Herald before joining the advertising staff at Lone Star Gas in September. Miss Horn lives at 6523 Mockingbird Lane, Dallas 14.

SHIRLEY MYERS, BJ, is an executive trainee with Allied Purchasing Corporation in New York City. Miss Myers began working for Allied last July and is taking the nine-month advertising executive training program with the New York buying office of a department store chain. She is scheduled to complete the program in April. Her mailing address is Apt. 4 H, 210 E. 38th St., New York 16, N. Y.

THOMAS M. HANRAHAN, BS BA, is an underwriter for the Western Department of North British and Mercantile Insurance Company, LTD., in Kansas City. His address is 500 East 66th Terrace, Kansas City, Mo.

JAMES DOWLING, BJ, and GLENN (Skip) TROELSTRUP, BJ, held a small reunion of their own recently in Japan, where Dowling, 1957 recipient of the Li Foundation \$5,000 fellowship for a year's study and travel in the Far East, was interviewed by Troelstrup, of the Asahi

Evening News in Tokyo. A third graduate who also joined a meeting was CHARLES SMITH, BJ '56, who is Korea bureau chief for United Press. Mr. Dowling is also the Columbia Missourian Asian correspondent and his series of articles are currently printed in that newspaper.

ROBERT J. STOFFEL, BS Agr., was one of seven runnersup in a national essay contest sponsored by the Martin Company on space satellites. He received an award of \$500.00. Mr. Stoffel's home is at 6216 Tholozan, St. Louis 19, Mo.

Completing Officers' Basic Training at Fort Sill, Okla., and receiving Second Lieutenant commissions in January were the following: GLENN M. KIRCHHOFF, BJ; LOUIS LEE LOWERY, BS ME; ED RONSICK, Chem.; CHARLES DAVID PETERMAN, BS Agr.; RONALD A. HAESELE, BS Agr.; THOREN J. SCHROECK, BJ, and JIM ALBRIGHT, BJ. Lt. Lowery, who finished first in his class, and Lt. Peterman were sent to Korea. Lts. Ronsick and Albright were assigned to Fort Leonard Wood in Missouri. Lt. Schroeck is public information officer at Fort Sill. Lt. Kirchhoff was assigned to Headquarters, 18th AAA Group, Pittsburgh, Pa., as public information officer.

WILLIAM L. NICHOLS, BS EE, student engineer, recently has moved from 121 Ward Parkway in Kansas City to 4535 Lindell Blvd., Apt. 210, St. Louis 8, Mo.

KENNETH T. WRIGHT, Jr., is an instructor in Latin at Villanova University and is a graduate student in classics at the University of Pennsylvania. Mrs. Wright is an assistant librarian in the School of Social Work at the University of Pennsylvania. Their home is at 118 Montrose Ave., Rosemont, Pa.

DAVID BELL, BS Agr., is teaching science at the Wellsville, Mo., high school.

BYRON L. CRAIG, BS EE, recently was graduated from the field artillery officer basic course at Fort Sill, Okla.

JOHN WEBER, Jr., AB, on February 1 assumed duties as Juvenile Officer of Missouri's 27th Judicial Circuit, which is composed of St. Francois, Madison, Bollinger, Perry and Ste. Genevieve. He has been employed by the Missouri Division of Health and Welfare in Ste. Genevieve County since his graduation from the University. Mrs. Weber is the former MARGARET ANN BERGMAN, Ed. '50. They have three children, John E. III, Stephen Cullen and Jennifer Cecilia. They are living in Farmington, Mo.

## weddings

25

LAURA FRANCES ALLEN, BS Ed., AM '29, and FRED L. LIMERICK, both of Columbia, on November 7. Mrs. Limerick is a retired teacher of Boone County and Columbia, and Mr. Limerick was formerly manager and operator of the Ben Bolt Hotel. They are living at 700 Worley St. in Columbia.

35

Mrs. John Merrill Blair of Springfield, Mo., and COWGILL BLAIR, AB, of Joplin on January 1 in Chevy Chase, Md. Mr. Blair is president and general manager of the Joplin Globe. They are living in Joplin, Mo.

36

Miss Margaret Palmer and KENNETH C. PARMAN, BS Agr., on October 30 in Camdenton, Mo. Mrs. Parman, with the Missouri Bankers Association in Columbia, is president of the Missouri Horse Shows Association and was secretary-treasurer of the association from the time of its organization in 1950. She was manager of the Boone County Fair Horse Show in Columbia the past two years, and has been secretary of that group. Mrs. Parman has shown three and five-gaited horses in all major Midwest horse shows. Mr. Parman, former vocational agricultural instructor in Southern Missouri, is associated with Ozark Air Lines, Inc., and has farming interests near Woodlandville, Mo.

41

Mrs. ROSEMARY SULLIVAN Baker, BS Ed, of Springfield, Mo., and Donald S. Chaney, Columbia, on December 21, 1957, in Springfield. Mrs. Chaney is president of the Missouri State Teachers Association which has headquarters in Columbia, and is social director of Southwest Missouri State College in Springfield. Mr. Chaney is representative of the South-Western Publishing Company of Cincinnati. They are living at 923 Providence Road in Columbia, Mo.

48

Miss Janet Kathleen Baldwin of Honolulu, Hawaii, and LT. CHARLES MARTIN WILLIAMS, BS BA, of Centralia, Mo., on November 9 in Honolulu. Mrs. Williams is a graduate of the University of Tennessee. Lt. Williams is stationed at Hickman Air Force Base.

Miss Jeanne Parker Ford, and WILLIAM McKINLEY WOOD, BJ, on December 2, at Lake Placid, N. Y. Mr. Wood formerly lived at 1251 W. 72nd Terrace, Kansas City 5, Mo.

## 50

Miss Betty Anne Mullay of Spokane, Wash., and MICHAEL E. BROWN, AB, AM '51, in Hongkong on July 6, 1957. Mrs. Brown is a graduate of Washington State University and has served with the State Department in Bonn, Germany, and Montevideo, Uruguay, before going to Hongkong. She has been secretary to the American Consul General in Hongkong. Mr. Brown, presently working with the U. S. Information Agency in Hongkong, joined USIA in June, 1951, and was assigned to Pusan, Korea. He served as press officer for the American Embassy and covered the truce negotiations at Panmunjom, Korea, as Voice of America correspondent from August, 1951, through December, 1953. From 1954-1956 Mr. Brown was press attache with the American Embassy in Habana, Cuba. He was assigned to Hongkong in October, 1956. The Browns expected to be transferred to Thailand in November of this year, where he will take up new duties as public affairs officer for Korat and Northeast Thailand. There their mailing address is FSS-Korat, c/o American Embassy, Bangkok, APO San Francisco, Calif.

SHIRLEY RAE JONES, BS ED., M. Ed. '52, and Frank W. Norwood on August 25, at the Methodist Church of Marceline, Mo. Mrs. Norwood has taught the past five years in Kansas City Public Schools. Mr. Norwood is an assistant professor in Speech and Arts and Coordinator of Closed Circuit TV at San Diego State College. They are living at 5077 College, Apt. F., San Diego 15, California.

## 51

Miss Carolyn Ann Phillips, Springfield, Mo., and DAVID ARTHUR OLIVER, LLB, of Bloomfield, Mo., on August 24 in Springfield. Mr. Oliver is associated with the Howard Major law firm in Columbia and they are living at 1009 Marygene St.

Miss Charlyne Catheryn Bynum of St. Louis and WILLARD S. PAYNE, Jr., BS BA, of Trenton, Mo., on December 31 in St. Louis. Mrs. Payne is a senior at Baylor University in Waco, Texas, and Mr. Payne is continuing his studies in sacred music at Southwestern Theological Seminary. They are living in Fort Worth.

## 53

Miss Mary Ann Christianson of Malvern, Iowa, and RONALD G. SEVERS, AB, BS Med. '54, on October 19 in Malvern. Mrs. Severs, RN, is a pediatrics nurse at the Medical Center in Columbia. Dr. Severs, who received his Doctor of Medicine degree at the University of Iowa in 1956 and interned at St. Louis City Hospital, is assistant resident in surgery at the University's Medical Center. They are living at 1213A East Walnut, Columbia, Mo.

Miss Patricia Eleanor Erber of Webster Groves, Mo., and CHARLES FRED BATCH, St. Louis, in November. Mr. Batch is continuing work toward a graduate degree at the University and they are living at 410 Turner in Columbia.

## 55

BARBARA BOYD, BS Ed., and Ralph Hamilton on December 20. Mrs. Hamilton has been teaching in Bellflower, California, and is continuing her work there. She has been living in Long Beach, but they are now at home at 650 Gilbuck Drive, Anaheim, Calif.

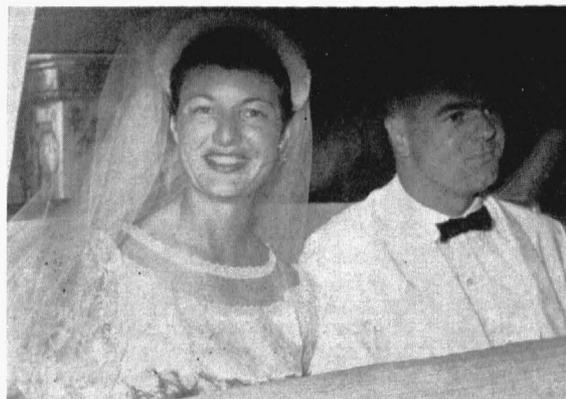
MARY ANNA MICHIE, BS Ed. of Steele, Mo., and Harvey W. Trittippo, Jr., of San Mateo, Calif., on November 30 in Steele. Mrs. Trittippo has taught in the junior high school of Steele, and this past year taught in Chula Vista, Calif., junior high. In the summer of 1956 she was associated with television station KVOA in Tucson, Ariz. Mr. Trittippo, a graduate of the University of Arizona, is associated with Union Carbide Company in Seattle, Washington, where they are now living.

MARY LOU DANIELS, BS Ed., and WARREN D. HAYES, AB '57, in August. Mrs. Hayes is teaching first grade in Oklahoma City, and Mr. Hayes is with Seismograph Service Corporation in Oklahoma City. They are living at 901 N. W. 23, Oklahoma City, Okla.

Miss Sandra Gail Sylvester and CARROLL MARTIN VOWELS, BS Agr., both of Charleston, Mo., on December 27 in Charleston. They are living at 558 North Crockett, San Benito, Texas, where Mr. Vowels is stationed in service.

## 57

JANET GORDON, BJ, and Howard Weinberger on September 8, 1957 in Los Angeles. Mrs. Weinberger is employed as a publications writer in the Control Systems Division of The Ramo-Wooldridge Corporation of Los Angeles. Mr. Weinberger is an electronics engineer.



*Mr. and Mrs. Michael Brown*

JANICE ALDRIDGE of Richmond, Mo., and DONALD LOUIS HERMAN, Columbia, on December 22 in Raytown. Mrs. Herman attended Christian College and the University, and is a medical technologist at the Ellis Fischel Hospital in Columbia. Mr. Herman, a senior in the College of Agriculture, is the son of Dr. and Mrs. HARRY HERMAN of 12 Sunset Drive in Columbia. They are living on Route 2, Columbia, Mo.

DICKIE LEE HEBERT of Fulton and RICHARD R. PRIEST, formerly of Poplar Bluff, on December 22 in Fulton, Mo. Mrs. Priest is teaching freshman English at the University and Mr. Priest is continuing his work toward a degree at the University. They are living at 111 Stewart Road in Columbia.

Miss Jimmie Lou Crigler of Eldon, Mo., and ROGER BOWNESS, BS Agr., on December 27 in Eldon. Mr. Bowness is serving a three-year enlistment in the Army and is attending officers' candidate school at Fort Devens, Mass. He completed basic training at Fort Leonard Wood. They are living near Fort Devens, but the Missouri address remains Fairfax, Mo.

MARILYN HUMMEL and DONALD RAY ROBERTS, AB, both of Columbia, on December 28 in Columbia. Both Mr. and Mrs. Roberts are completing their work for graduation this year and will continue toward advanced degrees. They are living on Highway 40 East, Columbia, and this summer will be at home at 815 College.

Miss Carmen Leonille Coury of Mesa, Arizona, and EDWARD LEE RECKER, Portageville, BS BA, on Thanksgiving Day in Mesa. Mrs. Recker is a graduate of Stephens College in Columbia. Mr. Recker is an assistant instructor in accounting and statistics at the University. They are living at 1508 Windsor Street in Columbia.

## class notes

Miss Myrna Ann Reynolds and GEORGE TAYLOR SCHALLER, BSF, of West Plains, Mo., on December 22 in Martinsville, Ind., home of the bride. Mrs. Schaller is a graduate of Christian College in Columbia and of Indiana State Teachers College at Terre Haute. Mr. Schaller is with the United States Forest Service at Grangeville, Idaho, and they are living at Grangeville.

PENELOPE STUART CLARK, of Portland, Conn., and JAMES E. KYLE, of Columbia, on January 7 in Columbia. Mrs. Kyle is a graduate of Stephens College and attended the University. Mr. Kyle is employed by Safeway stores in Kansas City, and the couple is living in Kansas City.

BARBARA STENZEL, AB, of Cairo, Ill., and CHESTER ROBERT LONGWELL, son of Dean and Mrs. John H. Longwell of Columbia, on December 28 in Cairo. They are living in Centralia, Mo., where Mrs. Longwell is teaching English in the high school. Mr. Longwell is a senior at the University, majoring in chemistry.

MABEL CLAIRE BONDURANT and 2nd Lt. JAMES W. CULPEPPER, BS PA, both of Columbia, on December 24 in Columbia. Lt. Culpepper is stationed in Germany and Mrs. Culpepper hopes to join him there in June. In the meantime she is living with his parents at 407 Phyllis Avenue in Columbia.

Miss Marilyn Schetter of Indianapolis, Ind., and ROBERT W. DORRIS, BS ME, of Hayti, Mo., on December 21, 1957. Mr. Dorris is employed at Guide Lamp Division of General Motors Corporation in Anderson, Ind. Mrs. Dorris is a graduate of Indiana University. Their address is Tower Apts., Anderson.

## deaths

GUY A. THOMPSON, LLB '98, LLD '32, St. Louis attorney for nearly 60 years and a former member of the University's Board of Curators, on January 26 in St. Louis. He had been ill for about a week with a heart ailment. Born in St. Louis County, Mr. Thompson began his law practice there after admission to the Bar in 1898 and continued his active practice until he was hospitalized a few days before his death. He was trustee in bankruptcy for the Missouri Pacific Railroad for 23 years, and helped guide the railroad out of its long receivership in 1956. He was an original partner in the firm of Thompson, Mitchel, Thompson and Douglas, and his brother and law part-

ner, Frank A. Thompson, is board chairman for the Frisco Railroad. He has served as president of the Bar Association of St. Louis, of the Missouri State Bar Association and of the American Bar Association. He was identified with some of the earliest state crime research and wrote several law books and articles. A Phi Beta Kappa graduate of the University, he was awarded an Honorary Doctor of Laws degree in 1932. He served as a member of the Board of Curators from 1945 to 1951. Mrs. Thompson, of the home at 275 Union, St. Louis, survives; also three daughters, Mrs. William A. Borders, Clayton; Mrs. C. Cabanne Smith, Houston, and Mrs. Susan Peschke, New York; and two sons, Alexander C. and Edmonstone F. Thompson, both of St. Louis. There are 12 grandchildren.

JAMES A. GILKER, LLB '02, on January 5 at his home in Kansas City, following an illness of eight years. Mr. Gilker was claims attorney for the Aetna Life Insurance Company 23 years before he retired in 1946. Born in Florissant, Mo., he had resided in Kansas City 50 years. Mrs. Gilker, of the home at 3541 South Benton, survives; there are also two sons and two daughters.

Mrs. Omar R. Gullion, who was ANNA WRIGHT, AB '05, of a heart attack on November 26 at her home in Eugene, Oregon. Born in Norborne, Mo., she went to Eugene to live in 1910, when Dr. Gullion opened his practice of medicine there. Mrs. Gullion took an active part in social and civic affairs of Eugene. She attended the 50th anniversary reunion of her class at the University in 1955. She is survived by a daughter, Elizabeth Gullion, of the home at 2161 University in Eugene; a daughter, Eleanor G. Kornbert of Santa Monica, Calif.; a son Gordon W. Gullion of Austin, Nev., and by Dr. Gullion of Oroville, Calif. There are six grandchildren.

WALLIE A. HURWITZ, AB, AM, BS Ed. '06, professor emeritus of mathematics at Cornell University in Ithaca, N. Y., on January 6 following a heart attack suffered while en route to Florida shortly after Thanksgiving. Born at Fulton, Mo., he received an A.M. degree from Harvard in 1907 and a Ph.D. degree in 1910 at the University of Goettingen. He had retired in 1954 after 44 years on the faculty at Cornell. One of the world's leading mathematicians, Dr. Hurwitz's teaching and publications had a wide influence on mathematics both in this country and abroad. His main field was mathematical analysis. Outside his department, he was widely known for his interests in drama, music, science fiction, book collecting and civic work. Dr. Hurwitz, unmarried, lived at 214 North Plain St., Ithaca.

L. L. VINCENT, BS EE, '10, in Manila, the Philippines, last July 5. Mr. Vincent was with the Philippine Power and Development Company there.

JOHN TOLLIVER CRAIG, LLB, '11, on January 3 in Pawhuska, Okla. of a heart disease. Mr. Craig, former Columbian, went to Pawhuska in 1923 to practice law. He was active in church and civic affairs there for many years. Mrs. Craig, of the home in Pawhuska, survives, also a son, John T. Craig, Jr., of Kansas City, a daughter, Mrs. Robert Kelly, Pawhuska, and three grandchildren.

Maj. Gen. LLOYD E. JONES, '11, an authority on field artillery and former staff member at the University where his father once served as president, on January 3 in the Veterans Administration Hospital, Columbia, S. C. He was the son of the late Dr. J. C. Jones, who was University president in 1921-23. Gen. Jones, a native of Columbia, Mo., attended the University from 1909 to 1911, when he began his Army career.

During World War I Gen. Jones attended the Army War College in Washington and later served as personnel officer in the Office of the Chief of Field Artillery. From 1930 to 1934 he was a member of the operations and training branch of the General Staff Corps, and from 1935 to 1938 was executive of tactics in the Field Artillery School. In 1939-40 Gen. Jones was professor of military science and tactics at the University. The following year he was Chief of Staff of the First Army Corps, Columbia, S. C., and then commander of the 76th Field Artillery Brigade at Fort Warren, Wyo. During World War II he was chief of staff of the Eighth Infantry Division and commander of the task force that occupied Amchitka Island in the Aleutians. In 1943 he was organizer and commander of the 10th Mountain Infantry Division while it trained at Camp Hale, Colo. He received a Victory Medal in 1919 and a Distinguished Service Medal during World War II. He retired in 1946 after heading the Equipment and Review Board and directing the Postwar Planning Board. Gen. Jones was the author of "Field Artillery Applied Mathematics," published in 1922. He is survived by Mrs. Jones; two sons, Maj. LLOYD E. JONES, Jr., AB '42, with the Army in Germany, and JOHN CARLETON JONES, AB '49, Baltimore; a daughter, Mrs. William Speer, Jacksonville, Fla.; five grandchildren; and a sister, Mrs. Patterson Bain (MARJORIE JONES, AB '17), McBaine, Mo. Services were in Arlington, Va.

Judge DAVID A. THOMPSON, '12, of Richmond, Mo., on December 12, 1957. Most of the 41 years of law practice for Judge Thompson had been in his native Ray County, with offices in Rich-

mond. In 1921 he went to Okmulgee, Okla., for one year of private practice but returned to Missouri, and in 1943 he was appointed chief assistant U. S. District Attorney for the Western District of Missouri and had his headquarters in Kansas City for nine years, returning to Richmond in 1952. He has served Ray County as prosecuting attorney, probate judge, magistrate judge, and in various other legal capacities.

JOHN STERLING HARRIS, '14, former Carthage, Mo., resident, on November 22 in Oklahoma City, following an illness of two years. A mining engineer and oil man, he was formerly with the American Zinc, Lead and Smelting Company in Carterville and Granby. Mr. Harris moved to Arizona, and later established residence in Oklahoma City. Surviving are Mrs. Harris, of the home at 601 Northwest Thirty-eighth St., Oklahoma City; a son, John Harris of St. Louis; a daughter, Mrs. Max Dietrich, Oklahoma City, and a brother, Marshall Harris, of Springfield, Mo.

ELEANOR C. BEDFORD, BS Ed. '16, AM '18, on January 11 on her farm near Winchester, Ky., following an illness of several months. Miss Bedford continued as an instructor at the University after graduation, and in 1920 went to Kentucky to live on the farm there with her mother. Her mother died in 1937 and Miss Bedford has managed the farm since that time. She is survived by a brother, the Rev. ARCHIE B. BEDFORD, AB '17, of Winchester, Ky., P. O. Box 366.

A. J. RENNER, '14-'17, public relations director for the Scott County Milling Co., Sikeston, on Feb. 2 of a heart attack. His wife and a son, Ed Dan, of the home in Sikeston, survive. The Missouri 4-H Federation honored him last year for outstanding work.

MARY SUE HOPKINS, BS Ed. '17, AM '30, a former member of the faculty of Central Missouri State College in Warrensburg, Mo., on January 10 in Kansas City following a heart attack. Miss Hopkins, a teacher for 45 years, was rural school supervisor for the College and had been a rural school supervisor for the State Department of Education. She made her home in Hickman Mills, Mo.

G. HAMILTON BEASLEY, '21, executive vice-president of the West Coast Airlines, on November 22, 1957, in Seattle, Wash. He was born in Columbia, Mo., and is survived by his wife and a daughter, Susan, of the home in Seattle.

JEROME DUNBAR, BJ '25, rector of the Protestant Episcopal Church of St. John the Divine at Mount Vernon, N. Y.,

on November 10, 1957. The Rev. Dunbar, former resident of Hannibal, Mo., was a graduate of General Theological Seminary in New York, and was ordained in 1931. He is survived by his mother, Mrs. Robert Dunbar, and a sister, Mrs. George B. Huttonloch, both of Chicago.

KENT T. BROWN, '29, businessman and Western Union telegraph agent of Lamar, Mo., on December 11 in Kansas City, Mo., of a heart ailment. For the past seven years Mr. Brown and his mother have operated the Brown News Stand in Lamar. Besides his mother he is survived by four aunts and several cousins.

VIRGINIA McALESTER, '30 former Columbian, on January 5 in Garden Grove, Calif., following an illness of several years. Miss McAlester attended school at Montemare in Lake Placid, N. Y.; graduated from Barstow, Kansas City, and Miss Spence's, New York City. Survivors include her mother, Mrs. Berry McAlester, Country Club Drive in Columbia, and a sister, Mrs. Paul F. Wanless, Springfield, Ill.

WALTER LOUIS ASLING, AM '31, of 2638 N. Florida St., Arlington 7, Va., passed away on December 13, 1956.

EUGENE W. MOORE, BJ '32, of Wellington, Kan., on January 8 near Sabetha, Kan.

ROBERT B. HOLLIDAY, AB '39, of Cape Girardeau, on December 31 at the home of his parents in Cape Girardeau. His father, the Rev. R. C. Holliday, was minister of the Missouri Methodist Church in Columbia before the family moved to Cape Girardeau in 1942. He is survived by his wife, the former BARBARA GREGG, BJ '39, and four children: Nina, 15; Gregg, 13; Mindy, 5; and Susan, 2. He also leaves his parents and a sister, Mrs. W. C. McCluskey Jr., of 1005 Marygene St., Columbia, survive.

CHARLES DAVID SNODGRASS, M. Ed. '41, attorney and educator, on January 6 at his home in Tuscumbia, Mo., following an illness of two years. Mr. Snodgrass, who was born near Vienna, Mo., taught seven years in rural schools, was superintendent of schools at Bland, Dixon and Brumley, and served as county superintendent of schools in Miller and in Maries County for many years. He also had practiced law since 1929. Mr. Snodgrass is survived by his wife, of the home in Tuscumbia; two daughters, Mrs. Melva L. Hagan of 4 Taylor Court in Columbia; Mrs. Doris Klein of Kansas City; LeRoy Snodgrass, Tuscumbia, Miller County prosecuting attorney, and Irvin Snodgrass, Tuscumbia postmaster. There are five grandchildren.

ROSEMARY CREAMY, AB '53, formerly of Mexico, Mo., on October 2, 1957, in St. Louis of aneurysm. Miss Creamy had been employed in the personnel department of Monsanto Chemical Company in St. Louis. She is survived by her parents, Mr. and Mrs. Roy Creamy, of 502 East Promenade St., Mexico, Mo.

ARNOLD R. CLEVELAND, AB '51, a superintendent in the controller's office at Hallmark Cards, Inc., on January 21 following a heart attack. Born in Dodge City, Kan., he joined Hallmark after receiving a masters degree from the University of Louisville in 1953. Mrs. Cleveland is the former PATRICIA ANNE COOPER, BS Ed., and their two daughters are Robin Ann and Kimberly. Their home is 8804 Daniel Boone Road, Kansas City, Mo.

JOHN HARWOOD LONGWELL, Jr., son of Dean and Mrs. J. H. Longwell of Columbia, of a heart attack on January 24 at the home of his parents in Columbia. Mr. Longwell was a student in the Graduate School at the University and had almost finished requirements for a Doctor of Philosophy degree. He had received a Bachelor of Science degree at the University of Illinois and his M.S. degree at the University of North Dakota. He is survived by his wife, the former Arlene Crosby; his parents; a sister, Mrs. Richard E. Johnson; and a brother, Chester Robert Longwell, of Columbia.

## Coming in April...

A special supplement on U.S. higher education in 1958 will be included in the April issue of the *Alumnus*. Alumni magazine editors and publishers throughout the country have joined in this first cooperative effort to tell the story of American higher education in a dramatic and panoramic way. The supplement will appear in more than 150 alumni magazines whose combined circulation is 1,300,000.

# page thirty-six

There is a kind of national frenzy over education today. To a lesser degree the same frantic interest attended Rudy Vallee, television, pink shirts, and parakeets, at the varying times these phenomena appeared on the American scene. These were in the perishable fad category, of course, whereas education is here to stay. It is a vital necessity to the welfare, the economy, and the defense of our country. Recent familiar events made this importance clear. So there is a vast amount of catching up to be done. Everyone who wants an education must have one, and those who think they don't want it, should have education crammed into their heads, if they know what's good for them. However, material that simply is not capable of higher education must fall by the wayside, and occasional driftwood lodged in the dusky recesses of faculties must be weeded out as well. One problem (possibly the major one at the moment) of this impending educational binge is that everybody, almost, has his own pet cure-all. Panaceas fill the air and howls for millions and billions of dollars go up on all sides. In the confusion there may well be delay and inaction. Meanwhile, until the accelerated program is launched, valuable time can be gained with existing facilities, particularly in human factors. Two fields which require and deserve cultivation to the fullest are: 1, the desire to learn; 2, the desire to teach.

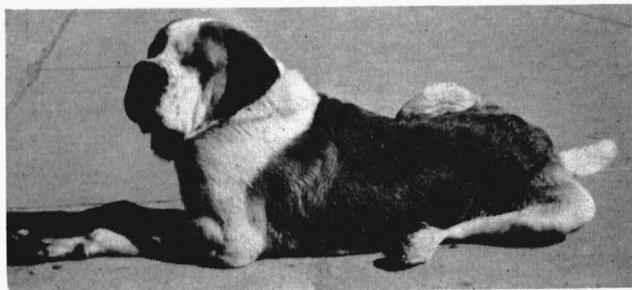
Honest Homer Croy has returned the Spanish novel he borrowed from an M.U. classmate of fifty years ago, Ray V. Denslow of Trenton, Mo. That little item made the wires recently, but earlier there was more important news about the writing man from Maryville, Mo. He has apparently hit the jackpot with his novel, "The Lady From Colorado." After it was published it was purchased by 20th Century-Fox for a movie. Then Leland Hayward, the producer, contracted to convert it into a musical starring Ethel Merman, who has never had a flop. It will probably be called "Mrs. Moon," not a bad title for the space age we've entered.

You still have to score points in the classroom as well as on the playing field. At semester's close, four Tiger athletic teams were jolted by five cases of scholastic fallout.

There is new hope for the future of Missouri athletes. One of our football coaches recently visited the southwest sector of the state to pay a social call on a young man who had a fine record as a high school quarterback. Our emissary encountered on the scene one of the football coaches from the University of Arkansas, who was bent on the same social mission. It is heartening to know that the caliber of Missouri high school athletes has risen so sharply of late.

The Syracuse professor who advocates cutting down on the number of women students at co-ed colleges has hit the publicity jackpot. He could not have gained as much notice with two dozen textbooks. Whether his proposal was made with tongue-in-cheek, it is nevertheless one of those delightful coups that generates quick controversy, with everybody jumping in and nobody really getting hurt. One of the finer features of the plan is its impossibility. If such discrimination as he proposes should ever come to pass, chaos would seize a thousand educational fronts. The prospect of education-hungry women marching on the besieged campi, hurling bric-a-brac and knick-knacks at classroom windows, is too frightening to contemplate. Far better, we say, to let the girls have all the book learning they want.

Some time ago we made plans to do a roundup story on the better known dogs of the campus—where they go when the football games are over, where they hang out, who they belong to—a real research job. Names like Tripod, Shakespeare, Benchley, and Waldo came quickly to mind. We went so far as to have a small engraving made of Waldo shown in his favorite relaxed position. That must have been the kiss of death, for a few days ago Waldo departed this earth and now is presumably throwing his St. Bernard weight around in the happy hunting grounds, if that's where dogs go. According to word from homicide, Waldo succumbed to nasty wounds obviously suffered in a ruckus with some other dog. Waldo was



always went to have a go at most any other hound that approached his station at the Union tower. But even when he was in a playful mood Waldo's giant awkward size made him an undesirable companion, as he was always bowling over those who romped with him. His hind legs were so long his tail section appeared several inches higher than his head. He trotted as though his feet were sore. He had a sad, puzzled look on his face. We don't need a psychologist to tell us that Waldo was maladjusted, a victim of frustrations and complexes. His short, violent life ended at four years, but it must have seemed longer.

The heading on the next page reminds us that we must be moving along. J.C.T.

# It's time to stop this nonsense

From every college in the nation comes the warning, "We're losing good professors faster than we can find them, yet our classrooms are growing more crowded each year. What will be the effect on our country, and on its citizens, if this trend continues?"

The warning has sound basis. Low salaries—characteristic in teaching—are driving gifted instructors and professors into other fields, and are discouraging promising young people from taking up academic careers. Classrooms and laboratories are overflowing now with students, and yet applications are expected to double in the next 10 years.

It's amazing that a nation such as ours, strengthened and enriched by our institutions of higher learning,

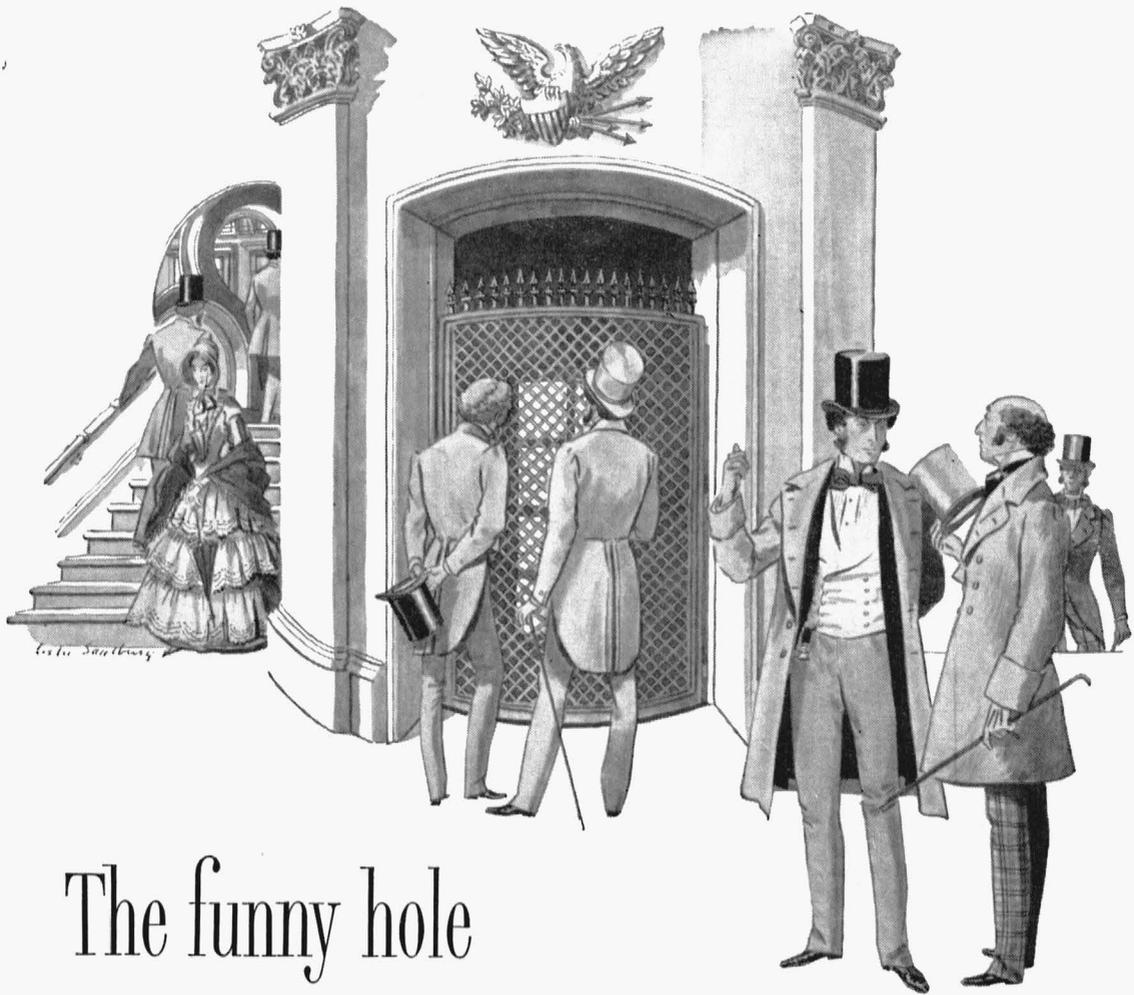
should allow anything to threaten these wellsprings of our progress. *It's time to stop this nonsense.*

In a very real sense, our personal and national well-being depends on the quality of learning nourished and transmitted by our colleges and universities. They need the help of all who love freedom, all who hope for our continued advancement in science, in statesmanship, in the better things of life. *And they need it now!*

If you want to know more about what the college crisis means to you, send for the free booklet "The Closing College Door" to: Box 36, Times Square Station, New York 36, N. Y.

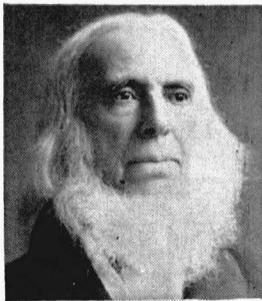
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**University of Missouri Alumni Association**



The funny hole

in Mr. Cooper's building



MANY a New Yorker shook his head, and not a few snickered, when they saw the "hole" in Peter Cooper's new building.

But to the benign gentleman with the ruff of graying whiskers it was all so simple: Some day someone would perfect the passenger elevator.

The mere fact that there wasn't one in 1853 would mean little to a man who, with his own hands, had built and driven the first American locomotive. Whose money, and faith, were to help see the Atlantic Cable through all its disasters to final success. And who would "scheme out" a Panama Canal plan fourteen years before DeLesseps.

But Peter Cooper's belief in the future ran in a vein far deeper than simply the material. For his "building with a hole" was Cooper Union, the first privately-endowed tuition-free college in America. A place where young men and women of any race, faith, or political opinion could enjoy the education which he, himself, had been denied. Peter Cooper's

dearest dream—which has continued to grow dynamically for nearly a century and today enriches America with thousands of creative thinkers, artists, and engineers.

There is plenty of Peter Cooper's confidence and foresight alive among Americans today. It is behind the wisdom with which more than 40,000,000 of us are making one of the soundest investments of our lives—in United States Savings Bonds. Through our banks and the Payroll Savings Plan where we work, we own and hold more than \$41,000,000,000 worth of Series E and H Bonds. With our rate of interest—and the safety of our principal—guaranteed by the greatest nation on earth. You're welcome to share in this security. Why not begin today?

**Now Savings Bonds are better than ever!** Every Series E Bond bought since February 1, 1957, pays 3½% interest when held to maturity. It earns higher interest in the early years than ever before, and matures in only 8 years and 11 months. Hold your *old* E Bonds, too. They earn more as they get older.

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