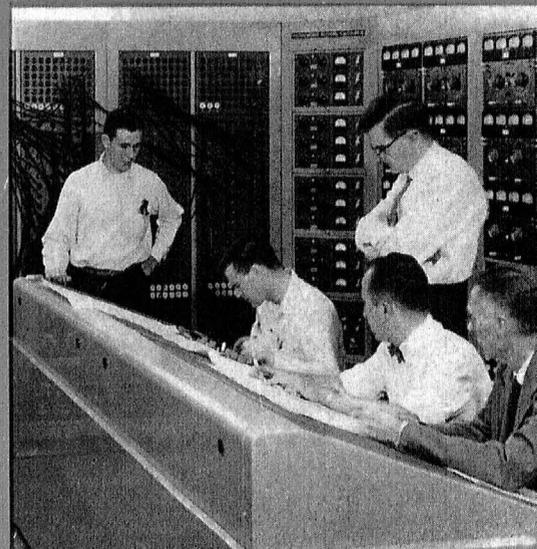


MISSOURI
Alumnus

FEBRUARY 1957





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**“Don't worry,
I'm not going to sing”**



THE OLD LADY had lost her voice. That rich, vibrant contralto which had rung through opera's golden age was long gone. And she made no bones about it.

Standing at the network microphones, she'd loudly promise her audience: “Don't worry, I'm not going to sing.”

Yet, every Christmas Eve, she did sing. And millions of homes hushed to listen. For *Stille Nacht, Heilige Nacht* does not demand a big voice. Rather, a big heart.

And Ernestine Schumann-Heink had always had that. From the beginning, when she threw away her budding career for love, only to wind up deserted with her four children. Through World War I, when she sang to sell Liberty Bonds while she had sons fighting—on both sides. Right up to the end of her turbulent life, she stayed warm, generous and brave.

Naturally, her adopted country loved her. Because Americans admire heart, and as the little stories in every daily paper show, they have plenty of it. That's one of the vital reasons why America is strong and why her Savings Bonds are a tremendous guarantee of security.

The heart and strength of 165 million Americans stand behind these Bonds.

There could be no better guarantee. So, for yourself, and for your country, invest in U. S. Savings Bonds regularly. And hold on to them.



Missouri Alumnus

Vol. XLV

No. 5

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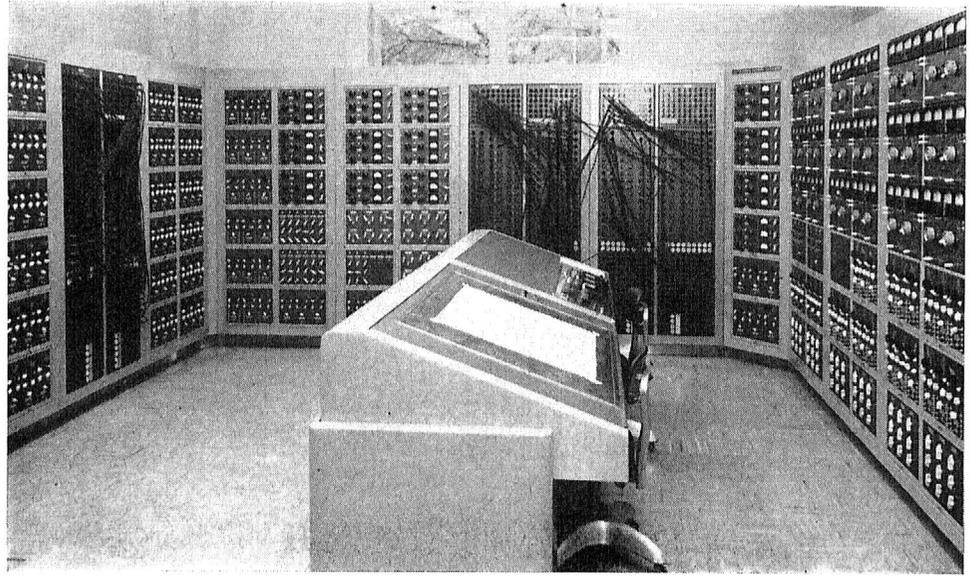
About the Cover

The array of gadgets is a small part of the Power Network Analyzer, which is described on pages 2 and 3. Nine utility and engineering firms presented this valuable equipment to the University and its College of Engineering.

Jack C. Taylor, '30	Editor
Lottie Smith, '37	Associate Editor
Paul L. Fisher, '41	Consultant
Wilma Batterson, '30	Business Manager
Bus Entsminger, '49	Alumni Secretary and Executive Editor
Jean Madden, '50	Assistant Secretary
Dutton Brookfield, '40	Kansas City, President, University Alumni Association

THE MISSOURI ALUMNUS

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PUSH-BUTTON BRAIN

Valuable Power
Network Analyzer
is presented to
University by
Missouri firms.

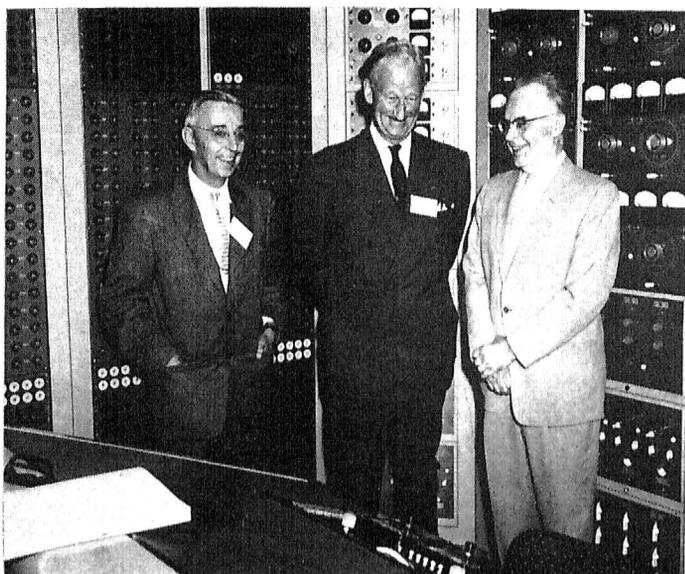
An electronic Power Network Analyzer, valued at \$200,000, has been donated to the College of Engineering by a group of Missouri industrial firms. With this complex instrument, the University inaugurates an unusual new service—power system analyzing, for industry of Missouri and the Midwest. The equipment also makes possible a new program of research and teaching on the campus for the further advancement of engineering science.

The network analyzer is designed to solve quickly and accurately, some of the most complicated and time-consuming problems in the power transmission field. It is especially valuable to power companies and to engineers in figuring electrical transmission line loads and regulation, as well as capacities and limitations, and in making short circuit and fault studies.

A utility company can set up a model of its electrical system on the control board. With this, it is possible to determine proper methods of expansion, the most economical ways to inter-connect with systems of other companies, and what will happen if the system is crippled by accident.

If a utility company is planning an additional two-hundred-mile network of lines, for example, it may take engineers many months, sometimes a year or more, to figure numerous normal factors. They must consider line loads, line losses, capacity of wires needed in various localities, types and sizes of transformers, voltage, wattage and ohms. In addition they must anticipate emergency overloads, short circuits, transformers struck by lightning, and unpredictable faults. Much time and expense are involved.

But with the network analyzer, the engineer brings his preliminary plans



Engineering Dean Huber O. Croft, Gen. Leif J. Sverdrup of St. Louis, and University President Elmer Ellis at dedication of analyzer

to the laboratory, where he and the analyzer operators can set up a simulated system duplicating all known and estimated conditions of the proposed line by plugging in a series of electrical contacts. They press a control button—and they have their new system in full operation in a single room, with answers to many problems.

It isn't quite that simple, of course, and it may require as much as a week or ten days to get the answers. But the results are equivalent to those formerly requiring months of work by an engineering staff.

The decision to install a network analyzer program in the University's College of Engineering was made about three years ago. Nine utility and engineering companies agreed to contribute to the purchase of the intricate analogue computer. They also signed contracts as participating companies who would utilize the services, paying a per diem rate.

The nine companies, all of which operate in Missouri, include: the Arkansas-Missouri Power Company of Blythesville, Ark.; Central Electric Power Cooperative, Jefferson City; Empire District Electric Company, Joplin; Kansas City Power and Light Company, Kansas City; M. and A. Electric Power Cooperative, Poplar Bluff; Missouri Public Service Company, Warrensburg; Missouri Utilities Company, Cape Girardeau; St. Joseph Light and Power Company, St. Joseph; and Sverdrup and Parcel, Inc., St. Louis.

The A. B. Chance Foundation of Centralia, Mo. and the Union Electric Company of Missouri at St. Louis also made donations toward the purchase of equipment.

Actual installation was under the direction of Dr. Joseph C. Hogan, associate professor, and James R. Tudor, assistant professor, in the electrical engineering

department. They were assisted by senior students, two of whom remain as graduate assistants to serve as operating personnel.

Dean Huber O. Croft assigned Dr. Hogan as supervisor and Prof. Tudor as associate supervisor of the analyzer program. Both Dean Croft and Dr. C. M. Wallis, chairman of the department of electrical engineering, emphasize that the network analyzer will be utilized primarily in teaching and research for specific benefit of students in engineering.

Dean Croft also feels that operation of the analyzer will promote close relationships between engineers in industry, members of the University faculty, and students of the College of Engineering.

At the dedication ceremonies, President Elmer Ellis said: "This is another manifestation of the fine spirit of cooperation and the tremendous contribution American industry is making to higher education. It is through such splendid contributions as this that our institutions of learning are able to obtain expensive technical equipment which is so necessary in modern education in science, and which is so far beyond the reach of our available funds."

General Leif J. Sverdrup of St. Louis, president of Sverdrup and Parcel, Inc., said in his presentation remarks: "We consider our contribution to this analyzer a sound business investment. Indirectly, we shall benefit greatly from the education of more and better young engineers, better equipped to help us solve our problems. And, directly, we will benefit from the services of this equipment which the University is making available to Missouri's industry."

The equipment is housed in a three-room suite of the New Engineering Laboratories. Only eight other universities have one of these network analyzers. Only about forty have been manufactured.

*Mrs. R. Dean Johnson.
Maybe you remember her on
campus as Beatrice Thraikill.*



Woman at Work



In Paris, Bea tapes interview with Christian Dior, the dress designer. On her 1955 European junket Bea sent home 46 taped programs and film material for 58 telecasts. As head of a second radio-television tour, she'll be in Moscow for May Day.

Any discussion of Bea Johnson logically centers on the breadth and variety of her activities. Afterward, two questions remain: How does she get so many things done? How does she do them so well?

As director of women's activities for Kansas City's KMBC-TV (as well as KMBC-KFRM) she has won national honors for her work. To Bea Johnson, homemaking also is a career, and she works hard at that, too. Her home is the proving ground for many of the ideas passed along to afternoon audiences watching her "Happy Home" show. Bea also manages to fill numerous speaking engagements and to serve various professional groups. In recent years, lest she run out of things to do, she has taken to arranging and conducting European tours.

This year the Bea Johnson Radio-Television Tour will again be in Europe, and the four-week itinerary includes a May Day visit to Moscow.

On the Missouri campus, where Bea won a B.J. in '32, her tremendous energy got an early test through three years of work with the Missouri Student and the Missouri Workshop, plus a year with Showme.

Beatrice Thraikill might not have come over to the University from Warrensburg if it hadn't been for R. Dean Johnson. He was a fellow student at Central State, and her first date. She was so much impressed that her family deemed it wise that she transfer to another campus to forestall a too-early mar-

BBC turns the tables on the visiting radio-TV group, and Bea is interviewed during her stay in England. The Americans were entertained at a garden party given by the Queen Mother.



Bea Johnson and American photographers in courtyard of Palais des Nations at Geneva immediately after the historic picture-taking of the Big Four. She was one of two women in radio and television in America to be given White House credentials to cover the conference; later four women in her group received press credentials in Geneva. Russian newsmen at the conference invited the American junketeers to include Moscow in their forthcoming tour.



Lady Astor, visited by Bea in England. Bea and her party of seventeen broadcasters, writers, and telecasters enjoyed tea at the Houses of Parliament.



Dean Johnson was Bea's first date; they've been married twenty-three years. Their daughters are Jill, 11, and Becky, 15.



riage. But after graduation she got her man and she's been Mrs. Dean Johnson for twenty-three years.

Missouri alumni leaders in the Kansas City area are aware of Bea's ability to get things done. That's why she was asked to handle radio and television publicity for the first All Schools Reunion banquet held last April. She arranged for more than a score of radio and television appearances, all plugging the banquet. Attendance exceeded 750. Bea is a member of the Board of Directors of the M. U. Alumni Association in Kansas City.

She is the only woman broadcaster ever to be elected to the board of directors of the Advertising Federation of America, and to be elected chairman of the board of Gamma Alpha Chi, national advertising fraternity; she holds both positions now. She served twice as national president of the fraternity.

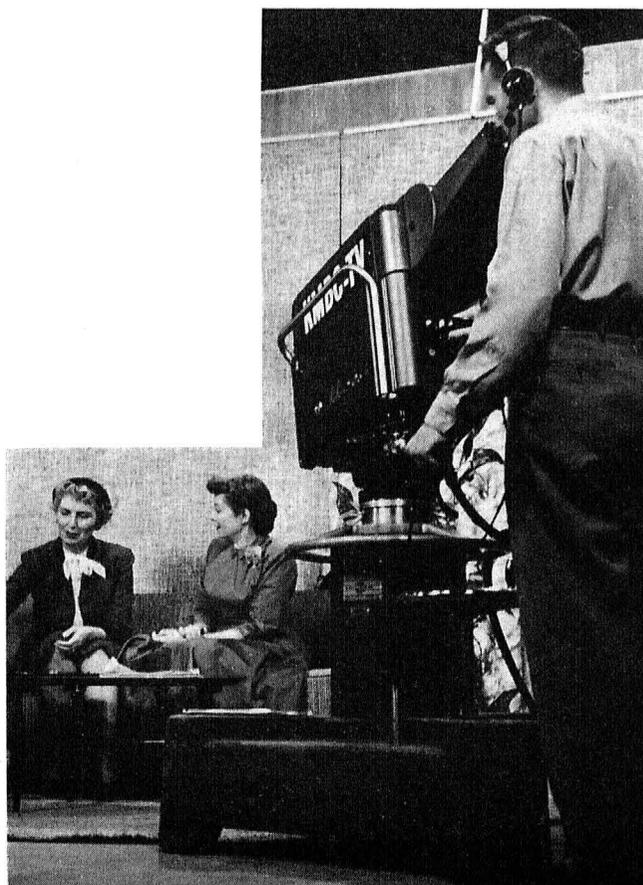
Starting her career with KMBC in 1936 as "Joanne Taylor," Bea has been a top broadcaster since. Her daily television program reflects her tireless participation in community, national, and international affairs. The basic ingredients of "Happy Home," however, are a down-to-earth realism and sincerity and

On her popular "Happy Home" show Bea interviews folks from the local scene and visiting celebrities. She has won national awards for outstanding public service in her community.

a successful housewife's offering of practical ideas in home decorating, cooking, and entertainment. She has made nearly 3,000 broadcasts and her program consistently achieves top ratings.

In 1954 she won three national awards: McCall Magazine's Golden Mike as the top broadcaster for community service; the Zenith Television Award for television excellence; and the Ohio State Award for the outstanding program directed to women.

If Bea had her way she'd spend all her time before the cameras talking of her family; the activities of daughters Becky and Jill furnish ample material. One regret is that her work projects her into the spotlight while her husband, equally successful in his business, stays in the background. Dean is sales supervisor for Procter & Gamble and active in community affairs. But she's pleased at the way her daughters feel about it. She overheard Jill talking over the phone with a friend who wondered why Dean wasn't on TV too. "Why," Jill answered, "he makes more than Mother does, and he's ten times as smart." Bea thinks this is the best bit of eavesdropping she ever did.





THE BUBONIC PLAGUE AND ENGLAND

AN ESSAY IN THE HISTORY OF PREVENTIVE MEDICINE

By Charles F. Mullett
Professor of History, University of Missouri

vii+401 pages
University of Kentucky Press, 1956. \$9.00

This book might as well have been entitled England and the Bubonic Plague. On the negative side it is neither a history of the plague nor one of England. It is a story of interaction. It is a story, on the one side, of the effect of the plague, both in actuality and in imminence, on religion and morals through mass psychology; on the toppling of economic balance and population balance, mirrored in accelerated emancipation, in dispersion, in the lapsing of property titles, in class differentiation and class emergence, by reason of the high and long continued mortality. It is a record, on the other hand, of the struggle put up by the society involved to conquer the invader if possible and in all events to ameliorate its effects; a record of almost hysterical proclamations toward sanitation, quarantine segregation, regulation of travel of the lightening of certain tax burdens and the imposition of other taxes specifically aimed at providing relief for the sufferers; of attempts at wage

and price fixation in labor and commodity black markets. The viewpoint of the author is conservative, and the facts and opinions stated are documented.

The book is an outgrowth of many years of historical study by the author of problems of public health, both as they affect social conditions, and as they are met by the struggle of society toward their solution.

The first chapter is a rather concentrated historical sketch, giving an overall preview of the period covered, and presupposing some basic knowledge of traditional English history for its complete appreciation.

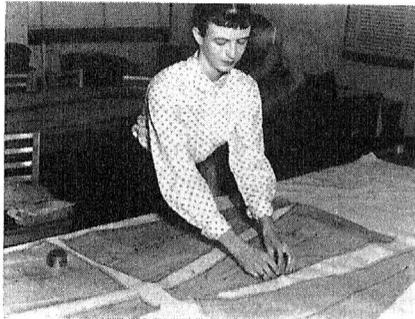
There follow several chapters which, by way of emphasis, are constructed on the same general outline. A particular epoch is delimited, and, for those who delight in statistics, the best available mortality figures for the particular stricken areas are first reviewed to generate a feeling for the magnitude of the problem. The specific social, religious and cultural adjustments, the remedies tried out, both preventive and curative, with their possible therapeutic effects, constitute a second portion of each chapter in this section. Finally the catalytic effect of the visitation on specific literary output, both clerical and lay, is discussed. In this last connection, many may find the small partial anthologies of particular interest.

After twelve tolling chapters of a *danse macabre* one reaches the magic sunrise hour, at least for England, when the active dance of death becomes a memory and a potentiality rather than a concomitant; and the reader feels the lifting of a sort of burden as he turns to a well rounded treatment of the more recent attacks on the problems of public health, a majority of which were stimulated by the long continued plague experience.

When it is recalled that "beginning in the reign of Edward II (1307) down to 1670 scarcely a five year period was free from desolation" in some part of the country one realizes that this period extends from pre-Chaucerian England, through the Elizabethan flowering, through the Puritan relapse, and to the time of the Restoration, a by no means inconsiderable fraction of the time covered by traditional English history. Yet most English histories, even if they touch specific health problems largely confine their allusions to the famous Black Death of 1348-49 and the plague of 1665 which was popularized by Defoe and Pepys, thus giving the reader a rather emasculated view of events. For the non-student of history such treatment may well lead to the feeling that historical events and problems stem from personal ambition and lust for power on the part of a FEW, with a class struggle to retain *status quo* in social organization.

In this book we have not revision but amplification of the ordinary political history and even of the traditional social history. Not only will the student of public health find it profitable reading, but also the student of English history. Even for a more complete "feeling" for general European history the reviewer feels that its perusal will be rewarding.

A. E. STEARN



The many facets of agriculture, one of the most diversified of industries, apparently have been overlooked by many young men and women in considering their careers after graduation. Opportunities abound in numerous agricultural and allied fields. In various areas of specialization the industry is calling for more college trained personnel.



At the University of Missouri, the College of Agriculture is taking a positive approach to assure prospective college students that opportunities await them in agriculture. One means of carrying this message to future enrollees is through a motion picture film, which is now in production and is nearing completion. It's a home-grown movie, with all of the work being done by the Ag College staff. The film will dramatize the various courses of training available in the College of Agriculture. Careers in horticulture, poultry management, and the many phases of home economics are but a few of those suggested. The film, with central characters moving through the story, should prove entertaining as well as instructive.

WANTED --- *Students in Agriculture*

BY CARLTON H. BOWYER

The College of Agriculture took a realistic look at itself recently and found that it must answer some vital questions for prospective students. The question most often raised is: What does the future hold for me if I study agriculture?

To provide an answer, the College is filming a motion picture, which should be completed in early spring. The film, *Opportunities in Agriculture*, is directed to all seniors in Missouri high schools, and especially to those who are undecided about their future. The College hopes to persuade many Missouri youth to think seriously about an education in agriculture.

What does the College hope to show these seniors? First, a glimpse at college learning experiences that include classes, departmental clubs, and leisure-time activities. Throughout a four-month period the motion picture camera will visit actual classroom scenes and departmental clubs. At the same time, still pic-

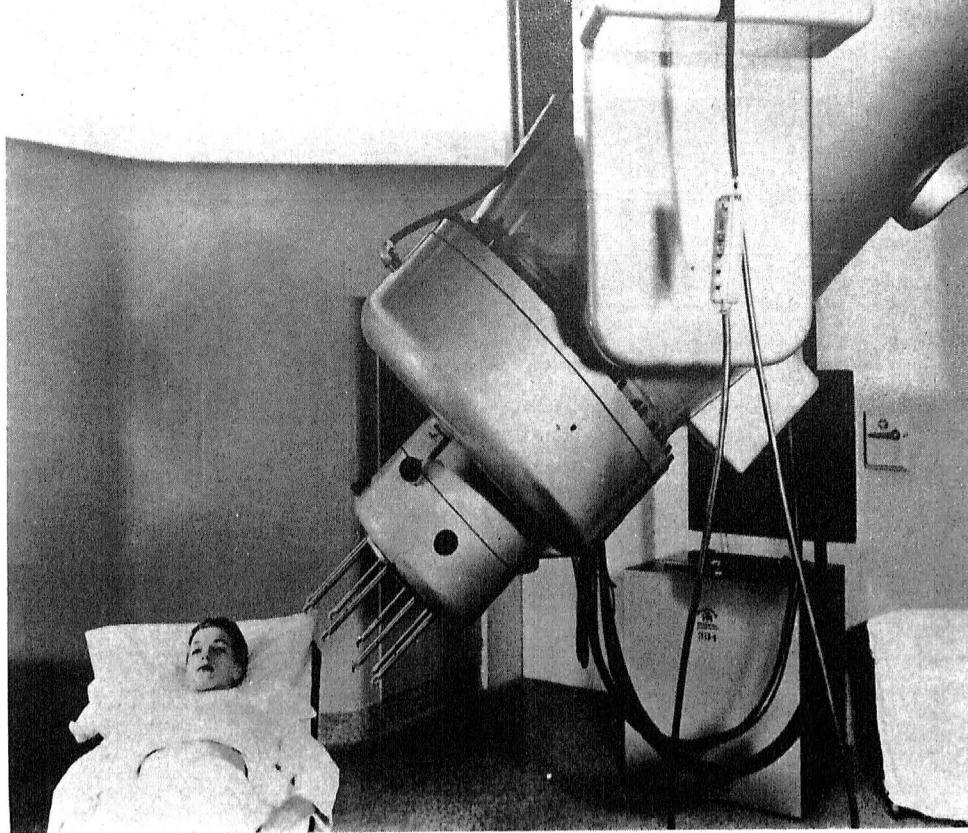
tures are being taken for brochures that will be available when the film is shown to high schools. Some of these pictures are shown above.

To show the many opportunities in teaching, business, and industry (15,000 jobs annually), scenes were photographed in many parts of the state. Many industries, schools, and individuals contributed freely of their time to make the film a successful one. They all expressed some of the same concern about the vital need for a film—a realistic film that encourages the student to look carefully to his future.

Also featured in *Opportunities in Agriculture* will be visits with several alumni of the University who majored in agriculture. These men are truly evidence of the message that the College wants to speak: The College can and does provide the means, but the determination and the goals must come from the individual, and the people with these qualities will be the leaders tomorrow.

In the battle against cancer, the University and its School of Medicine have received a . . .

Powerful Gift



ATWO-MILLION-VOLT Van de Graaff X-ray generator designed for the treatment of cancer is to be given to the University and its School of Medicine. It will be a gift from the Donner Foundation of Philadelphia, one of the country's largest philanthropic foundations. A special underground laboratory will house the super-powerful equipment.

The machine is one of twelve which are being built by the High Voltage Engineering Corporation, Cambridge, Mass., for the Donner Foundation at a total cost of \$822,000, and will be completed and delivered to the University early this year. The twelve machines are being awarded to hospitals and clinics selected as key centers for the treatment of deep-seated cancers.

The underground laboratory building will be built just east of the University's Teaching Hospital at an estimated cost of \$55,000. Funds for the construction are available from a series of unrestricted gifts over the last three years.

President Elmer Ellis said much credit for obtaining the valuable gift should go to Dr. Roscoe L. Pullen, dean of the School of Medicine. He said Dean Pullen worked diligently in presenting the University's program to the Donner Foundation directors in support of his claim that the University of Missouri is a logical place for location of one of the twelve machines. He added that the excellent record being made by the University in re-establishing a four-year School of Medicine, and the policy set up by the Board of Curators for treatment of indigent patients in the new Teaching Hospital were also probable factors in the action of the Donner organization.

The Van de Graaff generator can provide radiation of an intensity several times greater than that obtainable from the world's entire radium supply. The machine was pioneered in the early 1940s by the High Voltage Laboratory of M.I.T. and nearly a score of the powerful X-ray generators are now in full scale clinical use here and in England. Robert J. Van de Graaff, physicist, developed the machine.

The Foundation stipulated that the equipment have suitable housing, a competent radiology staff, and that it be used to provide cancer treatment on a non-profit basis. Robert A. Maes, executive vice-president of the Donner Foundation, said the primary goal of the Foundation "is to make advanced therapy available to the greatest number of cancer victims regardless of their economic status." Hence, the stipulation that treatment be provided at cost.

Dean Pullen said that operation of the machine will be under direction of Dr. Gwilym S. Lodwick, professor and chairman of the department of radiology in the Medical School. The machine will be a regular part of the clinical equipment at the Teaching Hospital. It will also be available at times for cooperative use with the authorities of Ellis Fischel State Cancer Hospital, whose facilities have always been available for the clinical teaching program of the School of Medicine. Dean Pullen said that since the Fischel Hospital has recently received one of the largest and most modern cobalt machines for the treatment of cancer, acquisition of the Van de Graaff equipment will make Columbia one of the most important centers in the United States in research and treatment of cancer.

Savitar Frolics for '57

The Savitar Frolics this year discovered the boy-meets-girl routine, and thus the system of coeducation has won another vote of confidence.

It didn't come about haphazardly. The venture into mixed company onstage was tested for the first time in a single Frolics skit last year; there were no untoward results. Previously there had been all-girl and all-boy skits; the twain never met, except possibly in the wings. The coeducational casting plan this year, following the timorous experiment, eliminates the practice of girls parading in men's garb to portray heroes and villains; it does away with boys cavorting in dresses and wigs to make like giddy gals. This time the boys and girls got together to present their skits jointly. The weeks of rehearsals preceding performances in Jesse Auditorium on February 28, March 1 and 2, surely proved more diverting for all concerned.



Another innovation for the Frolics this year is the deviation from the traditional themes built around various campus places and activities. This could be the death knell for all those allusions to the Hink, the Stables, and the Shack.

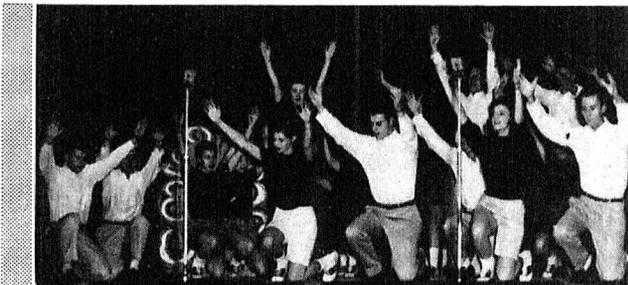
Making up this year's joint enterprises were Pi Beta Phi and Alpha Tau Omega presenting "Calyspo Carnival" directed by Jeanne Millan and J. J. Aasen. Naval ROTC midshipmen find that the Caribbean is nothing like Mizzou.

Kappa Alpha Theta and Sigma Nu with "Of Moose and Men," under the direction of JoAnn Tierney and Tom Todd; a typical 1920 football hero combines scholarship and romance with his athletics.

Alpha Delta Pi and Phi Kappa in "Dog-Gone Mizzou" portray the trials and tribulations of three famed campus dogs; direction by Gaye Chailland and Forrest Ayer.

Gamma Phi Beta and Pi Kappa Alpha offering "Birth of an Organization, with SGA going Oriental, under the direction of Jeanne Plog and Dave West.

The four jointly-produced skits make up a Savitar Frolics far different from the first production in 1938. Then there were twenty entries, and the admission charge was ten cents. The variety acts and skits were only a few minutes in length. Gradually the entries were reduced and acts converted into skits which were judged on originality and quality of presentation.



H. L. Kempster, professor emeritus of poultry husbandry, has been elected to the Poultry Industry Hall of Fame by the American Poultry Historical Society. The Hall of Fame was established in 1954 on the University of Maryland campus. Prof. Kempster retired from University teaching and research duties in 1954 after heading the poultry department from the date it was organized forty-three years earlier.

High School Science Recognition Day is to be held on the campus March 22. The University is inviting students and teachers from every high school in the state to attend an "open house" in more than thirty science departments and laboratories.

A rare and valuable volume in law, printed in 1667, has been presented to the University of Missouri as a gift from a prominent alumnus, C. Howard Hill of Jacksonville, Fla. Mr. Hill, who received his A.B. degree with Distinction in History here in 1932, found the antique volume in a curio shop. According to President Ellis, Mr. Hill asked that the volume be deposited in the School of Law Library. The book is titled: "Tables of Most of the Printed Precedents of Pleadings, Writs, and Return of Writs at the Common Law." It is a collection of important cases compiled by George Townesend, a court clerk in London during the middle seventeenth century.

The *Alumnus* thanks Dr. A. E. Stearn for the book review which appears on page seven. Dr. Stearn is chairman of the department of chemistry and serves as acting dean of the Graduate School during the Summer Session.

A portrait of Powell B. McHaney, member of the Board of Curators, has been presented to the local chapter of Pi Kappa Alpha by the national organization. He is former national president of the fraternity.

Dr. Harry A. Curtis, former dean of the College of Engineering at the University, will conclude his term as a member of the three-man board of TVA on May 18.

MISSOURI MEMO

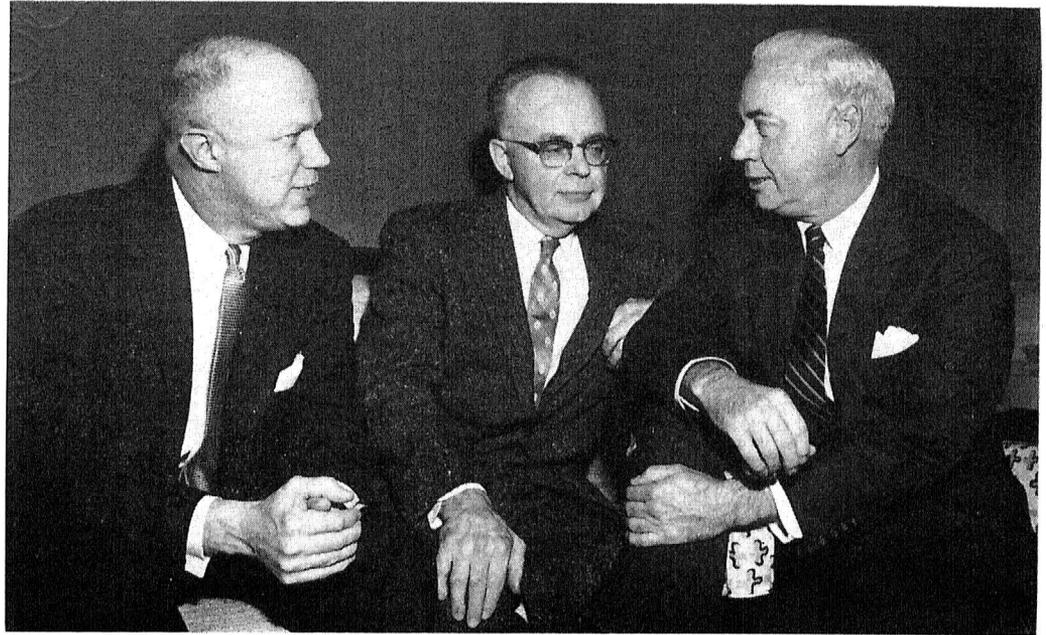
James T. Blair, Jr., who is responsible for several innovations in the governor's office since becoming Missouri's chief executive, may make claim of another in launching a monthly television appearance over KOMU-TV, the University's station. In "The Governor's News Conference" on the Missouri Forum program, Governor Blair faces a panel of newspaper correspondents and editors. As time permits, the governor answers questions from the television audience that are submitted by mail or telephone. The program is heard at 6:30 p.m. the first Monday of each month. Lew Larkin, Jefferson City correspondent of the Kansas City Star, is the permanent panelist.

President Elmer Ellis has been appointed chairman of the Army Historical Advisory Committee by Secretary of the Army Wilber M. Bruckner. He has been a member of the committee since 1954. During World War II Dr. Ellis was with a Combat History Unit of the Army in the Pacific and later went to Washington to train combat historians.

Engineers Week festivities which begin Sunday, March 17, reach a climax that weekend. Events on Friday, March 22 include the campus stunt, Convocation in Jesse Auditorium (Science Student Teacher Recognition Day), beard contest judging, St. Pat's parade, knighting ceremony, alumni-faculty dinner for Achievement Award recipients, laboratory exhibits and open house, and ASCE dinner. Events on Saturday, March 23 include Engineering Convocation in Jesse Auditorium for awarding of student honors and Engineering Achievement medals, alumni luncheon, Engineering Foundation meeting, Green Tea, St. Pat's Ball in Rothwell, and Coronation of Love and Beauty. Alumni registration in the Dean's office will continue through both days.

A three-week lumbermen's short course has just concluded at the University; earlier there was a short course on law enforcement, as well as a church news clinic. The conference for prosecuting attorneys and the school for water and sewage works operators, which are annual events, were held recently. A check with the Adult Education and Extension Service shows these conferences coming up: League of Nursing, March 15; air conditioning, March 18-20; Science Day, March 22; National Secretaries, March 23; Industrial Management, April 4-6; L-P gas, April 8-10; Family Life, April 13; Co-Op Editors, April 15-16; Music Festival, April 25-27; directors of nursing schools, April 30-May 1; Missouri petroleum, May 7-8; law enforcement (jail security), May 14-15; traffic engineering, May 22-23. In short, educational conferences in many fields are going on almost continually at M. U.

Here are the dates for Journalism Week: April 28-May 4. An all-day program on Tuesday will be restored for the first time in several years. It will feature the Industrial Publishers of Kansas City and St. Louis. The Wednesday program will be in connection with the Missouri Broadcasters Association, the first time that organization has met in connection with Journalism Week. Plans for the School of Journalism's 1958-59 observance of its semi-centennial anniversary will feature discussions at the Missouri Journalism Alumni Association meeting on Thursday, with President Tom Richter of St. Louis presiding.



*Curator President James A. Finch, Jr., University
President Elmer Ellis, and A. L. Gustin, Jr.*

Gustin's Gift Brings Golf Back to Campus

A. L. Gustin, Jr. of Kansas City has given the University of Missouri \$75,000 to be used toward the building of an 18-hole golf course to be named in his honor. Intercollegiate athletic funds are available to complete the course.

President Ellis, who announced acceptance of the gift by the Board of Curators after a meeting in Kansas City, said the golf course will occupy about 200 acres of the Rollins tract on Providence Road acquired by the University more than a year ago.

"The Curators and all of us at the University are tremendously pleased that Mr. Gustin is making it possible for us to have a golf course once more," President Ellis said. "We are especially pleased because the gift is from a man who was once a student on our campus and who sent his son to the University."

The University gave up its old golf course after World War II to provide space for barracks and apartments needed to house former servicemen returning to the campus. That area is still partly occupied by temporary housing and will be needed for the erection of permanent buildings. The new Medical Center is already located there.

President Ellis said the gift from Mr. Gustin could not come at a better time "for we are still developing our athletic and recreational facilities on the 450-acre Rollins tract."

Mr. Gustin has been president of Gustin-Back since 1943. He attended the University from 1922 to 1925. His son, Albert L. Gustin III, received the degree of

B.S. in Business Administration in 1954. Mr. Gustin's daughter-in-law, Mrs. Albert L. Gustin III, the former Margaret V. Garner, received degrees in journalism and arts and science in 1954.

Mr. Gustin is a director of the Commerce Trust Company of Kansas City, director of the Kansas City Life Insurance Company, member of the Board of Governors of the American Royal, a director and sponsor of the Starlight Theater, honorary trustee of the American Legion Building Association, and a member of the Kansas City Chamber of Commerce and the U. S. Chamber of Commerce.

Mr. Gustin was recently made a member of the Board of Directors of the University of Missouri Alumni Association of Kansas City. Mr. and Mrs. Gustin live at 2840 Verona Road, Kansas City.

President Ellis said the golf course will be laid out to provide a common starting place for the first and last nine holes. One section will be rather easy to play, the other more difficult, but with a 70 par. Inexperienced golfers might wish to play only the easy nine holes, and replay that course to get in 18 holes. Others may use the "back nine" twice for a more tricky 18-hole test.

President Ellis said he was pleased that golf is returning to the campus as it and swimming are two sports that students will find useful after graduation. The Legislature is being asked for a gymnasium addition that will include a swimming pool.

The Big Seven was great

In one of the all-time great years in Big Seven basketball the Missouri team finished with a disappointing 4-won, 8-lost conference record and a 10-13 overall record for the first losing season in the career of Coach Sparky Stalcup,

In a year which saw three different Conference teams, Kansas, Iowa State, and Kansas State ranked among the top ten in the country, Missouri's lone claim to conference fame came as they twice beat the highly regarded Iowa State Cyclones. Missouri also had home court wins over Oklahoma and Colorado, but the highlight of the home season was the visit of Wilt Chamberlain and his lesser known, but nationally ranked, Kansas team-mates. Through the results were disappointing, the sellout crowd enjoyed the show.

From an individual standpoint the highlights of the season were the scoring exploits of Senior guard, Lionel Smith and Sophomore guard Sonny Siebert. Smith set a field house scoring record of 44 points in a late season surge that left him just eight short of a career total of 1,000 points and ranked him behind Bob Reiter and Norm Stewart as all-time scoring leaders. Siebert with his tongue-in-cheek, long one-handers pushed through 308 points and broke Stewart's sophomore scoring record.

Besides Smith, the Tigers will also lose highscoring Senior forward, Bill Ross, and Senior reserves, Ed Ronsick and Eddie Richards. The loss of six foot seven inch Freshman Les Hemmer, because of academic discouragement, will hurt the Tigers where they need help most next year in this conference of basketball giants.

Some firsts, but not enough

Missouri's well-balanced, sophomore-dominated track team finished an undefeated indoor season with a spirited bid for the conference indoor track championship in Kansas City on March 2nd. However, the traditionally powerful Kansas Jayhawks used their domination of all the flat races from the quarter mile to the two mile to fight off the balanced attack of the Tigers that produced points in every individual event.

The outstanding single performance of the meet was turned in by Missouri's fine young sprinter-hurdler, Henry Wiebe (Wee'bee). The spectacled sophomore finished an undefeated indoor season (Michigan State Relays and dual meets with Kansas State, Iowa, and Kansas) by equalling the conference record of 6.2 seconds in the 60 yard dash against a fine field including Jamaican Olympic sprinter, Keith Gardner of Nebraska.

Other Missouri firsts were turned in by Karl Englund

in the pole vault with his career best of 14 ft. 3 in., and by Jim Kilgore with a leap of 6 ft. 4 $\frac{7}{8}$ in. in the high jump. Besides Wiebe, two other sophomores figured heavily in the scoring. Miler Jim Sanders, who with his second place in the mile, was the only man to break the Kansas domination of the event. Vaultler Bob Davis, brother of last year's championship sprinter Jack Davis, vaulted 14 feet to become the third man in Missouri track history to go that high.

Charlie Batch, who broke the field house record and the conference record with a 7.3 performance in the 60 yard high hurdles in a dual meet with Kansas State early in the indoor season, was handicapped by a leg injury. He wound up, though, as Missouri's high scorer with seven points on a second place in the highs and a very close third in the lows. Slow starting Captain Pete Orr finally broke his personal jinx by qualifying in the indoor quarter mile which puts such a premium on a sprinter's start, but he had to battle back from last place in the finals to place third. Tom Fort, the "Cinderella Kid" of the indoor season, continued his amazing personal improvement with a driving second in the two mile, nearly upsetting heavily-favored McNeal of Kansas.

Though faced with the usual void in javelin, an event outlawed in Missouri high schools, the Tigers should field an even stronger team during the coming outdoor season.

Here is the schedule for the outdoor track meets in which the Tigers will be competing:

April 5-6, Texas Relays at Austin; April 13, Indiana at Columbia; April 20, Kansas Relays at Lawrence; April 22, Oklahoma at Norman; April 26-27, Drake Relays at Des Moines; May 4, Notre Dame at Columbia; May 11, Kansas at Lawrence; May 17-18, Big Seven Championships at Lincoln; June 8, Central Collegiates at Milwaukee; June 14-15, N.C.A.A. at Austin.

Time for baseball

The Tigers' 1957 baseball schedule:

March 29-30, Arkansas at Fayetteville; April 5-6, Oklahoma A & M at Columbia; April 9, Washington University at St. Louis; April 12, Colorado at Columbia; April 13* Colorado at Columbia; April 19, Iowa State at Ames; April 20* Iowa State at Ames; April 26, Kansas at Lawrence; April 27* Kansas at Lawrence; May 3, Kansas State at Columbia; May 4* Kansas State at Columbia; May 10, Nebraska at Columbia; May 11*, Nebraska at Columbia; May 14, Washington University at Columbia; May 24, Oklahoma at Norman; May 25* Oklahoma at Norman.

* Double Header

Alumni down in Cuba

Quite a few of them are
seen by our associate editor
on her flying trip to Havana.

A flying trip to Cuba provided a nice interlude for the desk-bound associate editor early in January. It came about this way: Her daughter, Dorothea Smith, B-J '52, who is production editor for Webster Publishing Company (textbooks) in St. Louis, was sent by her company to work January 7-9 with George Gonzales-Wheeler, of Wheeler Libros, in Havana, and she said, "Come go with me!" So, armed with a list of *Alumnus* readers, six copies of the magazine, a desire to get full value for money spent, and no knowledge of the Spanish language, she arrived in that lovely city.

Havana is a city of strange combinations of the old and the new—Columbus Cathedral built in 1704 and a Hilton Hotel under construction, thatched roofs and skyscrapers, push carts and limousines. On January 6 the customs of Epiphany are in evidence, where "every man is a boy," which means that every man in the city is expected to provide a gift for a boy on this day. There are many interesting things to be seen: the fabulous Museum of Fine Arts; the new "Highway of the Middle-of-the-Day" which stretches the length of the island; Rancho Luna, a thatched-roof restaurant far out in the countryside where Cuban meals are served with a tourist flavor; poinsettias in full bloom reaching to the thatched roofs of the rural dwellings, and much more. Then, on the eve of departure, we were told, "You cannot leave without seeing Sloppy Joe's!" (Tropicana Night Club was closed for decorating.)

It was good to visit with alumni of the University and to hear them reflect, "My four years at Missouri were among the most pleasant of my life," and to observe how they are a part of the progress there.

Clinton G. Sweazea, BS BA '40, is regional manager for Delta Air Lines in the Caribbean area, with offices at Prado 301 in Habana. Mr. Sweazea, whose home town is Piedmont, Mo., married a girl from New Orleans, and they have two children, a boy, 7, and a girl, 8 years old. Among alumni mentioned in a visit with him were his old roommate, Bill Gill, of 207 Parkhurst Terrace, Webster Groves, Mo., and Charles Digges of 912 Providence Road in Columbia, Mo.



C. G. SWEAZEA

Charles Durand, Jr., BS ME '42, is operational assistant for Esso Belot Refinery, P. O. Box 1169, in Havana. Mrs. Durand was Lilly Ann Dickey, BJ '42, who worked on the Wall Street Journal in New York

City from 1942 to 1947. They have two sons, Dick, 9, and Bob, 6. Their home is at 2505 140th St., Country Club, Marianao, Havana.

Michael D. Brown, AB '50, AM '51, formerly with the American Embassy in Havana, has recently been transferred to Hong Kong. His address now is F.S.S. Hong Kong, USIS, Department of State, Washington 25, D. C.

Getting lost in downtown Havana is an experience, also. Methinks: "Bus No. 30 brought me down. It makes a loop. It will take me back." But the conductor began to say things. "No comprehende." A Cuban gentleman at my side began to speak English, clarified the situation, and the conductor was appeased. Then the gentleman asked, "Where are you from?" A bit amazed at the reply, he said, "I attended the University of Missouri." A copy of the *Missouri Alumnus* was hastily handed him with admonitions to write us, for by this time he had reached his destination and was leaving the bus. We hope he sends his name and story.

One of the University's staunch friends, Federico R. Poey, BS Agr. '54, remembers kindly the hospitality



FECO POEY

shown him during his four years on the campus. Missourians must remember him too, for he has had about 30 visitors from the States since he came here in 1950. Semillas Poey, S. A., are distributors of Cornell Hybrid Seed Corn in that area, and are doing much with research in genetics, and with distribution of all seeds, their activities extending to Mexico and

South America. Incidentally, Feco, as he is more commonly known, also knows a marvelous Spanish place to eat, Centro Vasco, which specializes in sea foods. Robert Panchot, BS '54, of 4348 Rockhill Road in Kansas City, and who is a salesman for Sinclair Oil Company, visited Feco on New Year's Day.

Carlos Castanaia, who attended Journalism School in '53-'54, is a very busy person in Havana, doing some television work, and writing for the leading magazine, *Bohemia*, and for the publication, *Nacional*.

Some memories: Morro Castle, built in 1589-1597, La Punta Fortress, the Presidential Palace with its beautiful paintings by Cuban artists, the Capitol with its rich marble, gilt, precious wood, and the diamond—four days was not enough. Admission to the University was refused, as only professors were being admitted at that time, due to the existing political (Batista) situation.

Food was good. Cuban coffee, 3c, debatable.

Then, the trip home—10,000 feet above the warm Gulf, its tiny islands like scraps of green cookie dough on the blue water. And, what do we find in Missouri? The thermometer frozen at 0°. Brr-r-r-r-r-r-r.

L. S.



*Kenneth
Freeman*

Heads Christian College

Dr. Freeman, formerly

dean of faculty there, has
two degrees from the University

The new president of Christian College in Columbia, Dr. Kenneth H. Freeman, holds two degrees from the University—Master of Education ('40) and Doctor of Education ('47). He served as dean of the faculty at Christian College from 1946 to 1948, and was a teacher-principal in the Columbia public schools from 1938 to 1941. At the time of his appointment to the presidency, Dr. Freeman was dean of the State University Teachers College at Geneseo, New York, a position he held for six years.

Dr. Freeman, a graduate of Roanoke, Mo. high school, taught in the Everton, Mo. public schools, was assistant superintendent of schools at Washington, Iowa, and was dean of the Junior College at Washington. He has served as director of elementary schools in Rochester, Minn. and as chairman of the department of elementary education at the University of Nebraska.

He is co-author of two books on teaching science and a contributing author to an administrative handbook for high school districts. Dr. Freeman is married and has three daughters: Nancy, 7; Janet, 13; and Ann, 15. The family lives at 403 Christian College Avenue in Columbia.

Big gathering at Sikeston

Alumni in Southeastern

area turn out to hear Ellis
and Broyles at dinner meeting.

The largest outstate meeting of alumni in years was held at Sikeston on February 19 when 155 persons attended a dinner at the Rustic Rock Inn. It was an enthusiastic meeting for the ten counties of District XV in the Alumni Association, and many prominent alumni as well as President Elmer Ellis and other University officials were there.

Dr. Ellis discussed the future of the University. The other speaker was Frank Broyles, Missouri's new head football coach. Dr. Ellis was introduced by James A. Finch, Jr., Cape Girardeau, president of the Board of Curators. Broyles was introduced by Athletic Director Don Faurot.

Those present included Oliver B. Ferguson of Fredericktown, a member of the Board of Curators; Wyman Dillman of Caruthersville, chairman of District XV and member of the Board of Directors; Lee Bowman of Sikeston who represents the district on the University Athletic Committee; C. M. Barnes of Marston, '98, who is one of the oldest living graduates; Alumni Director Bus Entsminger and Assistant Director Jean Madden.

Judge Marshall Craig, president of the Scott County Alumni Committee, was toastmaster.

A great job was turned in by the Scott County Alumni Committee—Court Nichols, Dick Watkins, Dick Smith, and Dave Blanton—in assuring success of the affair. Many other alumni in the area had a part in getting the big turn-out for the meeting, and the cooperation of newspapers, radio and TV was outstanding. The accompanying photo was provided by courtesy of the Sikeston Daily Standard.

Pictured below are C. M. Barnes, Bus Entsminger, Don Faurot, Frank Broyles, President Ellis, Wyman Dillman, Judge Craig, Lee Bowman, and Jean Madden.



*Elmo B.
Hunter*



Judge Hunter's new appointment

Judge Elmo B. Hunter of Kansas City, who was appointed to the Jackson County Circuit Court in 1951 by former Governor Forrest Smith, was recently appointed to the Kansas City Court of Appeals by Governor James T. Blair, Jr.

Judge Hunter's rise in the legal profession has been steady since his graduation from the University of Missouri School of Law with high scholastic honors. He received an A.B. in '36 and the LL.B. in '38. He is one of several M. U. graduates who have been featured in the Kansas City Star Sunday feature series, "The City's Rising Leaders."

After leaving the campus, Judge Hunter became law clerk to U. S. Circuit Judge Kimbrough Stone. Later he was senior assistant city counselor in Kansas City and special assistant U. S. attorney trying war fraud cases. He was in the military intelligence service in World War II, and for six years after the war practiced law in Kansas City before being appointed to the bench. In 1954 he was re-elected to a six-year term as circuit judge.

In compiling an impressive record on the bench, Judge Hunter inaugurated the year-around grand jury system and took the initiative in clearing the docket of stagnant cases, but he likes to share the credit with his fellow jurists. He has been on the faculty of the law school of the University of Kansas City since 1946.

At the University Judge Hunter made straight E's in the College of Arts and Science, winning election to Phi Beta Kappa. In the School of Law he was top student in his class three years in a row. He was student editor of the Missouri Law Review, attained the Order of the Coif, and received the Judge Shepard Barclay prize. The Barclay prize is awarded by the Curators to the law student "who attains the highest scholarship and who has exerted the highest and best influence in moral leadership in the School of Law." At Jefferson City Junior College he was also a straight-A student, and lettered two years in basketball.

Judge Hunter was born in New Madrid, Mo. forty-one years ago. When his widowed mother with her baby son and three daughters moved to Jefferson City, young Hunter was in the third grade. He began selling magazines and newspapers, and the state capitol was on his route. There he had Forrest Smith, then state auditor, as a steady customer. Later Mr. Smith, as governor, showed his faith in Elmo by significant

appointments—to his first job after he left law school, as an attorney in the state sales tax division; later on to the Kansas City election board and police board, then finally to the circuit judgeship.

Judge Hunter can trace other friendships to his boyhood days in the state capitol. One of the most important was Edgar Shook, '22, chief counsel for the highway department at the time. Eventually he was to be a member of the Kansas City law firm of Sebree, Shook, Hardy and Hunter. Governor Blair, '21, also had known Hunter as a boy growing up in Jefferson City.

After leaving M.U., Judge Hunter was offered several graduate fellowships from various law schools and attended one year at the University of Michigan, again making top grades; then Pearl Harbor came and he volunteered for service.

He is an elder of the Presbyterian church. He is married and the father of a daughter, 13 years old.

Herman receives Borden Award

*Harry A.
Herman*



Dr. Harry A. Herman, executive secretary, National Association of Artificial Breeders, was one of the nine American scientists who won Borden Company Foundation awards for outstanding research achievements during 1956. These awards are administered by professional and scientific associations and consist of a gold medal and \$1,000 to each of the winners.

Dr. Herman was named for the Borden Award in dairy production by the American Dairy Science Association. He was recognized for notable work in the nutrition and breeding of dairy animals.

Dr. Herman, born in Providence, R. I., has received three degrees from the University of Missouri—B.S. '29, A.M. '31, and Ph.D. '36. He was a faculty member at Missouri from 1929 to 1953, when he joined the National Association of Artificial Breeders. Mrs. Herman is the former Lucille Land, B.S.Ed.'30. Their son, Harry A., Jr., received his A.B. degree from the University in 1955, and the younger son, Donald L., is a student in the College of Agriculture. Their home in Columbia is at 12 Sunset Hill.

There have been 144 Borden awards made in the United States and Canada since the program was begun in 1937. Three of these have been received by members of the University of Missouri faculty: Dr. Charles W. Turner, 1940; Dr. Samuel Brody, deceased, 1950; and Dr. A. G. Hogan, 1955.

James D. Ellis honored for work

A building at Camp Channing, YMCA Boys' Camp near Pullman, Mich., has been dedicated to James D. Ellis, A.B. '06, who is now assistant supervisor of the Illinois Public Aid Commission's Section on Services for Aging. Dedication ceremonies honored the services of Mr. Ellis when he was executive secretary of Chicago's Division Street "Y" from 1915 to 1932. It was during this time that the site for the camp was chosen and the first buildings were erected. Many improvements and additions have been made since, and one of the new buildings, a senior staff motel unit, now bears Mr. Ellis' name.

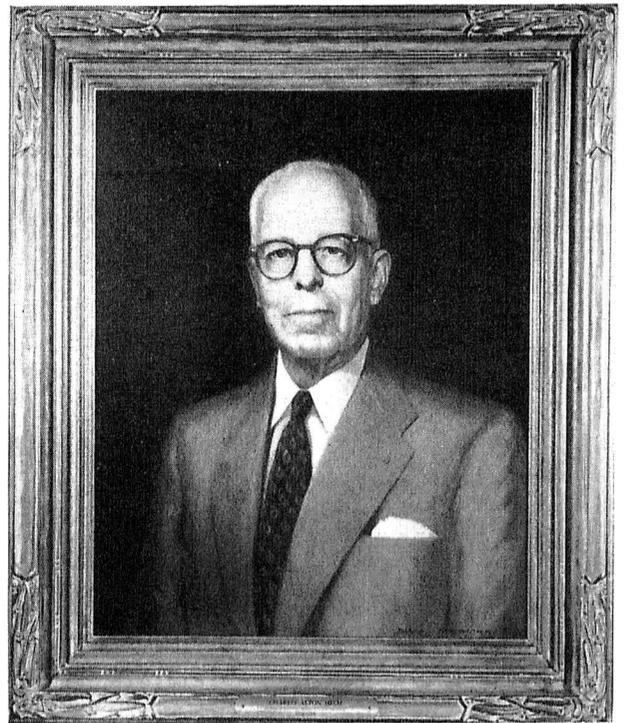
This information was passed along to the *Alumnus* by Dr. Isadore Anderson of 723 West 45th St., Kansas City, long a loyal booster for M. U., who cites Mr. Ellis as an example of those graduates "who are splendid investments and give back to the public in large dividends although their services are not widely publicized."

Mr. Ellis, who lives at 6000 North Nickerson, Chicago, began his career with the YMCA as student president of the M. U. organization, went to Springfield, Mo. as assistant secretary, and after special training reentered the work in Chicago, where he compiled an outstanding record. When he retired from the "Y" during the depression he went to work for the Illinois Emergency Relief Commission, then became district manager of the U. S. Social Security Administration. He served in the latter position from 1937 until his "retirement" in 1954. But Mr. Ellis, now 73, wouldn't stay retired, and he promptly took up duties with the Illinois Public Aid Commission. In the words of Dr. Anderson, Mr. Ellis "is still ably serving mankind" as he has done for 49 years.

Missourians meet in Dallas



Missouri Medical School's Dr. Hugh E. Stephenson, Jr. is still receiving honors after his selection as one of the nation's Ten Outstanding Young Men by the Junior Chamber of Commerce. He is shown above (left) with Jay Minton, president of the Dallas Alumni Club, which was one of the first groups to pay respects to the chairman of the department of surgery at the University. Jay was recently reelected for another term as president of the Dallas group which is now planning a membership drive. Dr. Stephenson was in Dallas in January to receive the Junior C. of C. Award.



Pictured above is the portrait of the late Professor Charles A. Helm which was presented to the University of Missouri in ceremonies held in Waters Auditorium. Admirers of the veteran professor of field crops made possible the portrait, painted by Daniel MacMorris and commissioned by the G. A. Helm Memorial Committee.

Kansas City banquet April 5

President Ellis and Head Football Coach Frank Broyles are scheduled to be the main speakers at the second annual All Schools Reunion in Kansas City on Friday, April 5.

The Kansas City Alumni Association will be trying to equal the attendance record of about 750 guests on the occasion of the first reunion banquet held last April. The affair is to be held in the Grand Ballroom of the Muehlebach Hotel and is billed as the "President Ellis Progress Report Banquet."

Eighty at Washington meeting

Eighty Missouri alumni and friends gathered for the annual Congressional luncheon in Washington, D. C., February 26 to become better acquainted with their lawmakers and with one another. Speaker was the newest of the nation's lawmakers from Missouri, Congressman Charles H. Brown, Springfield.

Congressman A. S. J. Carnahan of Missouri's Eighth District, who has been president of the Washington, D. C., Alumni Association for the past year, introduced other congressmen and special guests.

Officers for the next year, elected at the meeting, are: President, Walter W. John; first vice-president, William R. Etheridge; second vice-president, Joseph H. Hansman; secretary, Miss Nancy Nelson; treasurer, John Reed Kline; sergeant-at-arms, F. B. Scheetz.

DETASSELING DOOM

Hybrid seed corn
research will do away
with need for 125,000
seasonal workers
who do job by hand.

BY JEANETTE FESSENDEN, '56

AMONG the diverse research projects presently underway at the University of Missouri's College of Agriculture is the incorporation of the male sterile method of producing hybrid seed corn.

In order fully to appreciate the significance of the research being conducted by Research Associates Marcus S. Zuber and Clarence O. Grogan it is necessary to understand a little about the production of hybrid corn itself.

Since hybrid corn was first developed in 1908, it has added literally billions of dollars to the national income. The yield per acre of the corn crop in the United States has been increased by 20 per cent—with no additional labor. The original hybrid "single cross" was discovered almost simultaneously by George H. Shull at Cold Spring Harbor and E. M. East of the Connecticut Agricultural Experiment Station. Donald F. Jones later developed the so-called "double-cross" by crossing two sin-

gle crosses. The use of the "double cross" method made seed production less expensive. Our present day hybrid corn is from seed produced by the Jones method.

Each year in the United States over 60 million acres of hybrid corn are planted, requiring about eight million bushels of seed. A major problem in the production of this seed is the removal of the tassels of the female corn plant in a crossing field, to prevent the pollen from the female plant from pollinating itself, resulting in offspring that would lack hybrid vigor and have less yield. Tassel removal, by hand, on a scale sufficient to produce eight million bushels of seed, is an operation of considerable magnitude.

Each summer the hybrid seed corn industry must find and train thousands of casual laborers for this purpose. One seed firm alone employs more than 20,000 laborers for the detasseling season. On the peak day of the season, it has been

estimated that some 125,000 persons in the United States are engaged in removing tassels from corn plants. When there are labor shortages, or when rainy weather prevails during the detasseling season, the producer of hybrid seed corn has a serious problem on his hands, and the quality of his product may suffer from unavoidable self-pollination.

Over the past 30 years, numerous corn breeders have conducted experiments toward the discovery of some method of avoiding or eliminating the operation of detasseling in the production of hybrid seed corn. The technique of the male sterile method was suggested by Richey and Sprague in the early 30s but the breeding material they used at that time did not always give male sterile plants under all types of environmental conditions. The method was finally perfected by Jones of Connecticut, Mangeldorf of Harvard and Rogers of Texas working jointly and in-



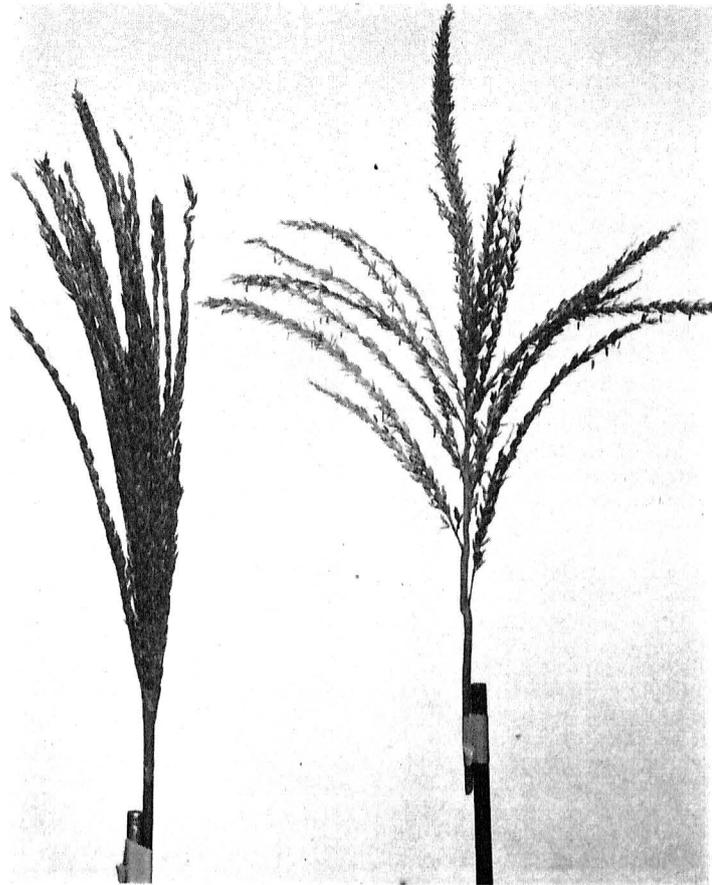
dependently on the experiments.

Research Associates Zuber and Grogan explain the incorporation of the male sterility and restorer genes into old and new hybrids is proceeding as rapidly as possible. With plantings in Florida in addition to the University's greenhouses, Missouri's scientists are able to produce two generations a year. Within three years a number of new hybrids will be made and they predict within a decade detasseling will have become an obsolete practice.

Today, agricultural scientists can produce new combinations and variations of plant life with the same precision that machinery for useful purposes is produced by the mechanical engineer. When the labor of 125,000 workers can be eliminated by the development of a new variety of living organism, the modern phenomenon of automation is no longer solely within the realm of the inanimate.

The following technical information is supplied by Dr. Zuber and Dr. Grogan:

With the introduction of male sterility into certain inbreds, it is possible to produce hybrid seed without detasseling. This is accomplished by making one inbred line of a double cross cytoplasmic male sterile. For example, in the double-cross US 13 (WF9 x 38-11) (L317 x Hy), pollen from the inbred WF9 would be used in crossing with certain sources of cytoplasmic male-sterile stocks. One such stock commonly used is known as the Texas source which was found in the open-pollinated variety Mexican June. This F₁ single cross will not produce functional pollen as the genes for fertility from WF9 are incompatible with the cytoplasm from the Texas stock. Not all inbreds will be completely sterile when crossed on this stock and the F₁ crosses will range from completely sterile to partial or complete fertility. By continuous back crossing, *i.e.*, by crossing sterile plants in successive generations with WF9, a sterile WF9 will be developed. Usually this can be accomplished in 5 to 7 generations. Seed for the male sterile WF9 cannot be maintained without crossing to the original WF9. When the male sterile WF9 is



The corn tassel on the left is a male sterile (it produces no functional pollen) while the tassel on the right is the fertile type.

crossed with 38-11, the resulting F₁ is sterile and will not require detasseling. There are certain inbred lines with pollen restorer genes. Whenever these inbreds are used on male sterile lines, the resulting F₁ cross produces functional pollen. Such genes are necessary in the male single cross of a double cross to insure adequate pollen in the commercial crop. At the present time pollen restorer genes are being introduced as rapidly as possible into the male single cross parents of hybrids, but until they are introduced, it is necessary for seed producers to blend seed of a hybrid produced by the male sterile method with seed of the same hybrid produced by the conventional method. The most common pro-

cedure is to plant 4 of the 6 female single cross rows with male sterile single cross seed and the other 2 with its fertile counterpart. Only the latter 2 rows will require detasseling, thus reducing detasseling 66%. At harvest the seed is bulked and the processing operations such as drying, shelling, and grading are handled as one unit to insure satisfactory blending. The use of the cytoplasmic male sterile method reduces the cost of production to some extent but more important is its convenience to the seed producer. Detasseling is a task that must be performed regardless of weather and often it is quite difficult to obtain workers who will work under all kinds of weather conditions.

CLASS NOTES

91 G. WARD KEMP, LLB, LLM '92, practiced law in California for five years after graduating from the University. In 1898 he went to Seattle, Wash., where he established an office as a patent and copyright lawyer in 1900, and on December 28, 1956, closed this office practice. His immediate plans were to take a ship on the Orient line from Vancouver, B. C., to New Zealand, thence to Australia, Honolulu, and other places of interest, returning to Seattle in July. He was 90 years old on February 11, and his future address will be at his home, 2141 8th Ave. West, in Seattle.

03 Mrs. Robert S. Withers, the former ETHEL MASSIE, AB, has written many articles, but one of her most gratifying is a story, "My Wedding Journey," written for the Liberty (Mo.) Tribune of December 27, 1956. This article was brought about by a Golden Wedding anniversary celebrated on December 22, with a quiet family reunion held at the home of a son, Conn Withers, on the Withers Farm near Liberty. The ten members of the family were together. They were, including Mr. and Mrs. Withers, their son, Conn, his wife, Jeanne, and their two children, Robert S. II, and Jane, and their daughter, MARGARET WITHERS Teague, BJ '32, her husband, OWEN A. TEAGUE, Eng. '30, and their children, Robert A. and Julia Margaret, from Tulsa, Okla. "My Wedding Journey" told, not only the story of a wedding journey of fifty years ago by horse-drawn hack and the midnight train into the city, but also of the beginning of fifty years of pleasant living on the Withers Farm where the family has lived in the pioneer cabins of 1834, the Old House of 1842 built of walnut, and the Victorian homestead built in 1892 which remains a landmark. Mr. Withers, nearing 82, and Mrs. Withers, who was 75 on this occasion, received many expressions of the friendships fifty years have brought.

06 SAMUEL A. DEW, AB, presiding judge of the Kansas City Court of Appeals, retired from active duty as an appellate jurist on February 4, 1957. Judge Dew, a graduate of the old Kansas City School of Law, was admitted to the bar in 1909 and went into private practice with his father in Kansas City. He has been a judge of the Jackson County Circuit court, and was appointed to the appellate bench in 1944. Under the judicial retirement law, Judge Dew will become a special commissioner subject to call by the State Supreme Court, and he has also been engaged at the University of Kansas City School of Law to conduct courses in several subjects on legal practice and procedure. His son, JOHN A. DEW, BS BA '51, LLB '54, is now practicing in Kansas City. Judge and Mrs. Dew live at 1202 West Sixty-seventh St. Terrace. They have two daughters; Mrs. Virginia Geer, 107 E. Winthrop Road, K. C., and Mrs. Barbara Tilley, Gainesville, Fla. There are five grandchildren.

07 RUTH FITZGERALD, AB, BS Ed., AM '23, resigned from teaching at Central Missouri State College in Warrensburg in 1953. Miss Fitzgerald lives at 312 W. South St. in Warrensburg.

ROBERT L. TATUM, BS CE, has traveled extensively in this country and Mexico since his retirement a few years ago. Home base is Shreveport, La., where he lives at 331 Robinson Place, when he isn't on tour. Recent plans for a South American trip were sidetracked at Mexico City when he became ill, but this summer he expects



to travel to Alaska, and a European cruise is also a possibility. Mr. Tatum is an enthusiastic supporter of Missouri alumni activities. An active member of the Alumni Association, he is an annual participant in the Alumni Achievement Fund and has participated in the Engineering Foundation.

09 WOLLARD RUST, BS CE, operates two grain and live stock farms near Richmond, Mo. His home is in Richmond at 519 E. Lexington.

JOHN W. READ, Jr., AB, is district agent for Connecticut Mutual Life Insurance Company, with headquarters in Greeley, Colo. Mrs. Read is the former JULIA KIRTLEY, BS Ed. Their home is at 1858 17th Avenue in Greeley.

10 DWIGHT N. WETHERELL, BS CE, is a consulting engineer with the Lummus Company in Freeport, Texas. His address is 1623 W. Broad St., Freeport.

DAVID E. WHITE, BS CE., retired government engineer, is now living on a farm near Norborne, Mo., address Route 1. He is still rooting for the Missouri Tigers.

Mr. and Mrs. GUY J. STONE are both retired and are living at 1935 Jerome Prairie Road, Grants Pass, Oregon. Mrs. Stone, who was BESSIE ISAACS, AB, retired from teaching last November. Mr. Stone was an engineering student at M. U.

Mrs. Robert M. Stone, who was LUCILE OLIVER, AB, taught in the schools of Oklahoma, particularly in Tulsa, for 27 years. In 1950 she decided to try a new field, and entered the School of Library Science at the University of Oklahoma. In June of 1951 she had a new degree and a new job, going to the city public library of Redwood City, Calif. She reports the change is delightful, but would like to see some Missourians of '10 some time. Her Redwood City address is 1001 Iris Street.

11 PAUL H. DITZEN, LLB, is a practicing lawyer in Kansas City, Kan. Last fall Mr. and Mrs. Ditzen made a trip to Europe, traveling on the Queen Mary. They visited England, Holland, Germany, Switzerland, Italy and France. Their address is 340 N. 16th St., Kansas City, Kan.

12 HARRY D. HANCOCK, with the Cities Service system since 1917, recently was elected president of Cities Service Gas Company in Oklahoma City. He succeeds GLENN W. CLARK, LLB '28, who resigned to accept the presidency of Mississippi River Fuel Corporation. Mr. Hancock, a native of Higginsville, Mo., received the American Gas Association Distinguished Service Award in 1947, and its Award of Merit in 1953. He is the author of numerous articles on natural gas production and transmission.

LEO J. WENTZ, farmer and stockman, lives on R. F. D. 4, Burlington, Kansas.

13 WARD A. NEFF, BJ, is president of the Corn Belt Farm Dailies, comprising newspapers in several midwestern cities, with headquarters in Chicago at 836 Exchange Ave.

16 When DAN H. HOLLOWAY, BS Ed. '16, AM '17, retired late in January, 1957, he rounded out a half a century of teaching and graduate study. He spent 13 consecutive summers in school either as a student or teacher. At 17 he entered the Normal school at Stanberry, Mo., and attended there one year and two summers. In the fall he began teaching in a rural school of Andrew County, where he taught four years, followed by two more years at Helena, Mo. He then enrolled in the Teachers' College at Warrensburg, where he graduated in 1912. He was superintendent of schools at Maysville for three years, then enrolled at the University, where he received two more degrees. Military service interrupted, and early in 1919 he returned to Central High in Kansas City to teach until 1923, then he went to Boise, Idaho, to serve as high school principal for six years. In 1929 he returned to Westport High, where he has remained for 28 years. Mr. and Mrs. Holloway are planning to sell their home at 4821 West Seventy-sixth St., Prairie Village, Kan., and build a new home at Vero Beach, near Miami, Fla. The Holloways have two sons; W. W. Holloway, an English teacher at Central High in Kansas City, and Robert Holloway of Decatur, Ala. There are four grandchildren.

Three degrees from the University and 38 years of service in the schools of Mexico, Mo., are a part of the educational record of ALPHONSO GORRELL, BS Ed. '16, BS Agr. '21, and M. Ed. '37. He is teaching vocational agriculture at Mexico High School and recently was recognized for his services on National Teacher's Day.

CLASS NOTES

MYRTA E. MCGINNIS, AB, AM '17, took sabbatical leave from her teaching duties at Westminster College, New Wilmington, Pa., last year and spent the spring and summer doing research in British libraries and traveling in England, Scotland, Belgium, Holland, West Germany, France, Switzerland and Italy. This year she is back on the job, with much to do, and lives at 213 N. Market St., New Wilmington, Pa.

17 At the close of the current school year, Mr. and Mrs. THOMAS S. DENHAM, Nevada, Iowa, will have completed a total of 80 years of teaching in the public schools. Mrs. Denham, formerly EMMA PADE MOWRY, BS Ed., has taught 42 years. She served 14 years as County Superintendent of Poweshiek County, and at present is teaching home economics in the Pacific Junction schools. Mr. DENHAM, BS, Ed., '19, AM '35, is superintendent of this school system. He has taught for 38 years, and plans to continue teaching until health or age stops him, but he hopes Mrs. Denham will retire this year. Their home is on R.F.D. 2 near Nevada.

18 FRED N. BRIGGS, BS Agr., is Dean of Agronomy at the University of California, and is assistant director of the agricultural experiment station. He holds MS and Ph.D. degrees from the University of California and is listed in Who's Who in America for 1956-57. Dr. and Mrs. Briggs and their two sons, Fred and John, live in Davis, Calif.

20 CHESTER G. JAEGER has four degrees from the University: AB '20, BS BA '21, AM '24, and Ph.D. '27. Dr. Jaeger is a mathematics professor and has just finished 25 years as head of the mathematics department of Pomona College, Claremont, Calif. He is in his seventh year as city councilman, and his third year as mayor of Claremont. He is co-author of "Introductory Mathematics," published in 1954, and has been president of the South California Athletic Conference since 1941. Mrs. Jaeger teaches fourth grade in Claremont, and their son teaches mathematics in Ontario, Calif. There are seven grandchildren, and the Jaeger home is at 1015 Yale Ave.

JOHN C. NAYLOR, AB executive vice president of Pet Milk Company, has recently been appointed a member of the Taxation Committee of the National Association of Manufacturers. He is also a Trustee of the Nutrition Foundation as well as a member of its executive committee, a Trustee of the Food Law Institute, and is a member of the Committee on Conservation of Natural Resources, dealing particularly with water, timber and soil. Mr. Naylor lives at 340 S. Elm, Webster Groves, Mo.



OSCAR J. ROTTY, '21

21 FRANK R. HICKERSON, AB is professor of foundations of education and director of the teacher placement bureau at the University of Toledo. Born in Wellsville, Mo., Dr. Hickerson began his teaching in the rural schools of Audrain County, and taught in the public schools of Kansas and at the University of Wichita before going to Toledo in 1938. The Hickerson home is at 3658 Bowen Road in Toledo.

OSCAR J. ROTTY, BS EE, was recently named to head transmission and distribution development engineering, a new department established by Union Electric Company, St. Louis, to integrate engineering activities among the departments of its transmission and distribution division. His title is chief development engineer. Born in St. Louis, Mr. Rotty joined Union Electric in 1921 as a full-time engineer and has been statistical engineer, substations foreman, and system superintendent of substations. Mr. and Mrs. Rotty have two children, Ralph and Helen, and live at 573 So. Clay Ave., Kirkwood, Mo.

J. T. GIBBS, BS Agr., AM '26, owns and operates a large broiler farm near Washington, Mo. He taught vocational agriculture for 23 years at Huntsville and Washington, both in Missouri. Mrs. Gibbs was formerly ESTHER JONES, BS Agr. Their address is Route 1 East, Washington.

22 RUBY WALKER, BJ, is teaching, and lives at 554 Orange Ave., Long Beach 12, Calif.

RALPH F. LOFLAND, BS Eng., is chairman of the board of directors of The Lofland Company in Dallas, Texas. The Dallas address is Box 1210.

VIRGIL ROLLA VANSTANE, AB, physician and surgeon, who completed his medical training at Rush Medical College and Chicago University practiced

in Chicago until three years ago. He then went to Edgerton, Wis., where he is now a general practitioner. His home address there is 110 W. Fulton Street.

WILLIAM V. KAHLER, BS ME, with the Bell Telephone Company since 1922, and president of Illinois Bell since 1950, recently was made an honorary member of Alpha Kappa Psi, professional business fraternity, at the University of Illinois. His address, "Some Motivations of Managers," given on that occasion, has received considerable recognition. Mrs. Kahler is the former VIRGINIA TINCNER, AB.

JOHN C. SCHMIDTKE, AB, BS '23, is a physician and surgeon on the staff of Sherman and St. Joseph Hospitals in Elgin, Ill. Dr. Schmidtke completed his medical training at Washington University in St. Louis in 1926. The Schmidtkes have three sons: John, Jr., who is a registered architect in the State of Illinois; Ben E., an electronics engineer, and Wendell H., who is a junior at Northwestern Medical School. Dr. Schmidtke is active in the Methodist church, Community Chest Board, YMCA Board, Salvation Army Board, and is currently president of the Lions Club in Elgin. His address is 260 Grand Blvd.

ISABEL ROBINSON, BS, is associate professor of art at Western Texas State College. Her address is P. O. Box 247, Canyon, Texas.

23 HUGH D. TRIPLETT, BS Agr., is now associate county agricultural agent of Cole County, Mo. He has been in the rock phosphate business in Liberty, Mo., but moved to Jefferson City last December to assume his duties there. Mr. and Mrs. Triplett have one son, who is a student at William Jewell College in Liberty.

GILMORE G. BRADFORD, BS Ed., joined the export department, Frigidaire Division, of General Motors Corporation in 1926, and since that time has represented various divisions of General Motors in several countries, principally in Asia. At present he is branch manager, in charge of GM sales, assembling and manufacturing operations, of the Karachi Branch, Karachi, Pakistan. Prior to this assignment, he has been sales manager in Egypt, branch manager in Indonesia, and Far East area manager in New York City. His mailing address now is General Motors Overseas Corporation, P. O. Box 3607, Karachi, Pakistan.



O. V. SINGLETON, BS Agr., will complete thirty years as a county agricultural extension agent in Benton County, Mo., on June 15, 1957. The Singletons live at Warsaw, Mo.

CLASS NOTES

CARL E. BOLTE, BS BPA, of Kansas City, in January was named a vice president of the National Fidelity Life Insurance Company. His new duties include the public relations program of the insurance company. Mr. Bolte formerly was executive vice president of the Berl Berry Motor Company in Kansas City, and vice president in charge of sales of the Battenfeld Grease and Oil corporation. Mr. Bolte is a member of three college boards—Missouri Valley at Marshall, Mo., William Woods at Fulton, Mo., and Bethany at Lindsborg, Kan. He is also a member of the Kansas City Salvation Army advisory board, vice president of the Kansas City Museum, and a former president of the Missouri Chamber of Commerce. A native of Nebraska, he has spent most of his life in Missouri. Mr. and Mrs. (MURIEL EASTMAN) Bolte live at 836 West Fifty-seventh St. Terrace in Kansas City. They have two sons, CARLE E. Jr., '51, and DENSLow, '54.

JUSTIN RUARK, LLB, who formerly practiced law at Neosho, Mo., is judge of the Springfield, Mo. Court of Appeals. His home address is 1007 Woodruff Bldg., Springfield.

W. H. SALLE, BS, is transmission engineer for Commonwealth Edison Company in Chicago, home address 1720 N. Natchez Ave., Chicago 35, Ill.

24 LOUIS KOVITZ, AB, well-known industrial physician and surgeon, in January joined Lockheed's Missile Systems division, Sunnyvale, Calif., as plant physician. Dr. Kovitz is in charge of the medical facilities at the missile division's Sunnyvale plant and Palo Alto research laboratories. Previous to joining Lockheed, he was in private practice in Kansas City for the past 25 years, where he specialized in industrial work including compensation medicine and surgery. During that time he was also head of the department of industrial medicine and surgery at Menorah Hospital, and from 1940 to 1943, Dr. Kovitz was assistant to the chief of the surgical staff there. He received his M. D. degree from Washington University in St. Louis, and has attended the Postgraduate Medical School, of New York, Harvard, and Minnesota universities. The Kovitz home is at 13031 W. Sunset Drive, Los Altos, Calif.

W. WALLACE SMITH, AB, minister, is with the central administration office of the Reorganized Church of Jesus Christ of the Latter Day Saints in Independence, Mo., with offices in The Auditorium.

Mr. and Mrs. CHESTER T. KRAUSE, BJ, of Jefferson City, recently purchased the Mirror Publishing Company of Mansfield, Mo., and assumed management on January 1. This property includes the Mansfield Mirror and the Wright County Republican of Hartville. Mr. Krause is well known as an outstanding journalist of Missouri, and is president of the School



CARL E. BOLTE, '23

of Journalism Alumni Association of the University. Mrs. Krause is also experienced in newspaper work. Their married daughter lives in Maryville, Mo.

EDMUND M. MARSHALL, AB, grain dealer in Kansas City, lives at 4325 Holmes, Kansas City 10, Mo.

EDITH M. MARKEN, BJ, AM '32, is associate professor of English and journalism at Upper Iowa University in Fayette, Iowa.

JOHN J. LESLIE, BS CE, is highway engineer of St. Louis County. His home is at 8012 Washington St., St. Louis, 14, Mo.

26 MINTA E. JACOBS, BS Ed., is an English teacher in the Roxboro junior high school of Cleveland Heights, Ohio. Miss Jacobs is also the faculty adviser for the school newspaper, the Roxboro Rocket. She lives at 2996 S. Moreland Blvd., Cleveland 20, Ohio.

JAMES P. HICKOK, AB, in January was named president of the First National Bank in St. Louis, Mo. Mr. Hickok joined the bank as executive vice president and director in 1950. Born in Farmington, Mo., he began his banking career in 1930 with Clayton National Bank, and has been president of the Manchester Bank and of Manufacturers Bank and Trust Company. The Hickok family lives at 42 Fair Oaks, Ladue, Mo.

CLYDE HARRINGTON LANDERS, AB, BS Med., physician and surgeon, lives in Hollywood, Calif. His address is P. O. Box 2070, Hollywood 28.

Mrs. H. A. Knobel, who was ALLIE ROBERTSON, BS Ed., specialized in home economics, and applies it at her job as homemaker at her home in Gaylord, Minn. The Knobels have one daughter,

married, and one granddaughter, who is now nine months old.

27 JOSEPH N. ROWELL, BS, AM '28, is manager of a men's clothing store in Monett, Mo. His address is 801 Central, Monett.

MARY DRANE REES, BS Ed., AM, is an instructor in chemistry at the University Laboratory school. Mrs. Rees lives on Route 6, Columbia, Mo.

Mrs. Ralph Rinehart, who was VERA POWELL, BS Ed., is county superintendent of schools of Linn County, and lives in Brookfield, Mo.

WILLIAM M. MILLER, formerly superintendent of the Delta Refinery at Memphis, Mo., is manager of the service station department of the MFA Oil Company in Columbia. He is managing the operations of the company-owned stations, and works with the operators of some 125 MFA service stations throughout Missouri.

CHESTER A. ROSZMANN, AM, dairy farmer, lives on Route 1, Canajoharie, New York.

Mr. and Mrs. L. G. La Fleur and their five children will be living in Germany for the next three years, where Mr. La Fleur is stationed with the Army. Their home has been at 416 W. Main in Bowling Green, Mo. Mrs. La Fleur is the former BETTYE MAYHALL, Arts.

ROLLAND A. SHARP, BJ, is a salesman for Union Bag and Paper Corporation of New York City, and lives at 28 West Winthrop Road, Kansas City, Mo.

28 CLAUDE C. CURTIS, BJ, now back in Houston after taking special journalism courses at the University of Texas, has resumed his old position with Gulf Publishing Company. He is a correspondent for labor newspapers and is active in the International Typographical Union. Mr. Curtis is a former secretary of the Missouri Alumni Club of Houston.

GLENN W. CLARK, LLB, recently resigned as president of Cities Service Gas Company in Oklahoma City, and is now president of Mississippi River Fuel Corporation, St. Louis. The Clarks have moved from Oklahoma City to 5 Deer Creek Wood, St. Louis 17, Mo.

ISAK J. Le GRANGE, BJ, writes from the Union of South Africa, saying that he, his wife and one daughter are now living at 114 High Street, Worcester, C. P. Union of S. Africa. About two years ago they left their wine and fruit farm in the hands of a manager and resumed editorship of the Worcester Standard and Advertiser, country weekly newspaper. His brother, LOUIS LeGRANGE, who was a BPA student at the University '27-'28, graduated from Northwestern University and is now farming the family estate at Warmwater-

CLASS NOTES

berg, Barrydale, C. P. Union of South Africa.

WILLIAM CREWS McGAVOCK, Jr., AB, AM '29, has been chairman of the Chemistry Department of Trinity University in San Antonio, Texas, since 1939. He is also a professor of chemistry and is currently teaching five courses. He has traveled extensively in Europe during the summers of 1954 and '56, and attended seminars at Oxford and at Cambridge Universities. In 1956 he also visited Oak Ridge, Brookhaven, Harwell and Amersham for contact with the progress of nuclear science. The McGavock address is 1702 Waverly Ave., San Antonio 1, Texas.

29 L. VERRILL TAYLOR, AB, AM '31, has been named senior product engineer in the research and development department of Crown Cork and Seal Company in Baltimore. He has lived in Columbia since 1952 as manager and owner of the Vess Bottling Company. Prior to that time, Mr. Taylor was director of health and safety for the American Can Company, New York. Mrs. Taylor was formerly **FRANCES H. ARNOLD, BS Ed.** and **BFA '31**. Mrs. Taylor and their daughter, Linda, will remain at their home in Columbia, 31 S. Glenwood, until the close of the school year. Their son is serving with the U. S. Marines.

JOHN C. BAUMANN, LLB, Warrensburg lawyer who represented Johnson County in the House in Missouri's 68th General Assembly, has been appointed an assistant attorney general by Missouri's Attorney General **JOHN M. DALTON, LLB '23**. Mr. Baumann has practiced law in Kansas City, was attorney for Farm Credit Administration, and was counsel for the board of governors of the Federal Reserve System, Washington, D. C., for nearly fourteen years.

Mrs. **LAURA PICKERELL Gibson, BS Ed.**, is teaching sixth grade in University City, Mo. Her address is 3637A Wyoming St., St. Louis 16, Mo.

30 Mrs. Willis A. Gillaspey, formerly STELLA WILLIAMS, AM, is teaching Latin and English in the Canon City High School, Canon City, Colo. Her address is 842 Capitol Hill.

The Rev. **LELAND C. LAWRENCE, LLB**, has been pastor of the First Baptist Church of Great Falls, Montana, for the past six years. Previous pastorates were in Medfield, Mass., and Centralia, Wash. He completed seminary work at Andover Newton in Boston in 1946. Mrs. Lawrence, who was **GERTRUDE SOASH, BS '26, AM '30**, combines duties as a teacher and housewife. Their son, David, is a sophomore at Dartmouth College, where he is preparing to be a YWCA secretary. Their address is 212-6 St. North, Great Falls, Mont.

JAMES H. DAUGHERTY, AM, Ph.D. '33, is a professor of education in the

School of Education of North Texas State College, Denton, Texas.

31 V. DON HUDSON, AM, farmer, lives at 2048 Coleridge Drive, Jennings 21, Mo. He received his Ph.D. degree in political science in 1936. Dr. Hudson began teaching in 1922, and left the profession in 1953, when he retired from Washington University. From 1953-56 he was in oil production business.

NELSON O. HOPKINS, AB, certified public accountant, lives at 4103 E. 23rd St., Tulsa, Okla.

FRANCIS A. LINVILLE, AB, AM '32, is counselor for economic affairs for the American Embassy in Lima, Peru. Mrs. Linville, **BS Ed.**, is the former **EDITH LOUISE MEYER**.

VIRGINIA UNDERWOOD, BS, is Mrs. Jack D. Henry and lives at 5345 Mission Woods Road in Kansas City 3, Kan.

IRA C. HICKS, BS EE, is assistant to the regional manager of Westinghouse Electric Corporation, and lives at 7805 Milan Ave., University City 14, Mo.

A. ROBERT GINSBURGH, AM, is associate editor of U. S. News and World Report. His home is at 2572 Military Road, Arlington 7, Va.

Mrs. Charles Fore, formerly **ROSE DAVIDSON, BS Ed.**, is a farmer's wife at Wayland, Mo., where three children, Frances, 12, and Jeanne and Joanne, 10, add to the interests of her rural life.

FRED RICHARD MURPHY, BJ, born at Green Ridge, Mo., became deaf at the age of six, but completed his education, and became president of the Missouri Association for the Deaf, in which capacity he has served for the past twenty years. For 22 years he has been head of the printing department of the Associated Grocers, Inc., in Kansas City. Last year he was recognized with the Truman L. Ingle Award as the person who has been the most helpful to the deaf of Missouri. Mrs. Murphy is a graduate of the Kansas City School for the Deaf. They have four children and their home is at 4241 Prospect, Kansas City, Mo.

CLIFTON T. SMITH, BS BA, in January became head librarian of the

Jackson County (Mo.) library. Mr. Smith has been connected with the library from the beginning of its development, and was vice-president of the library board. He worked for the Kansas City Public Library for nine years, and had been high school librarian of Consolidated District No. 2 in Jackson County. He has also owned and operated a Western Auto associate store in Lee's Summit, where he lives. He and Mrs. Smith have a daughter, Linda, who attends Lee's Summit high school.

JOHN F. HOLMAN, BJ, after many years of writing and publishing technical training manuals for Glen L. Martin Co., Curtiss-Wright Corp., and McGraw-Hill Book Co., in 1954 started his own company, John F. Holman and Co., Inc., to provide a custom publishing service for government and industry clients. Located in Washington, D. C., it began as a small agency, but is meeting a demand for technical writing which was practically unknown when Mr. Holman was in J-School. The Holman address is 4000 Massachusetts Ave., N. W., Washington 16, D. C.

Each Friday at 3:30 P.M. from radio station KSIB, Creston, Iowa, comes a program of physical science directed to students in the rural schools of five southwest Iowa counties. An outline of each program with a list of necessary materials has been distributed by county superintendents to the rural teachers so the program can be coordinated with class room participation. The person responsible for this program, who works without pay and on her own time, is Mrs. **JEAN FREELAND Crane, AM**, who received her bachelors degree from Northwest Missouri State College at Maryville, and has been teaching at Creston for five years. She formerly taught at Cottey College in Nevada, Mo., and at Osceola, Bedford and Winterset high schools in Iowa.

Mrs. **ALICE HINRICHS Holtgrewe, BS Ed.**, lives at 3022 Clearview Drive, Bel Nor, St. Louis 21, Mo. Mrs. Holtgrewe does substitute teaching in the schools there.

32 GEORGE P. NEWBOLT, AM, is high school principal at Chillicothe, Mo. Mr. Newbolt lives at 1609 Bryan, Chillicothe.

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ERNEST E. NAYLOR, Ph.D., is head of the science division of the Upper Iowa University in Fayette.

LEVI E. MILLER, BS Agr., is teaching in the Hancock School, St. Louis 23, Mo. Mr. Miller's home is at 1832 Maryland, Springfield, Mo.

E. Y. LINGLE, AB, is president of Seitz Packing Company, Inc., of St. Joseph, Mo. Address: 2712 Union.

MARION E. LAMB, LLB, is practicing at Moberly, Mo. His home address is 129 Kirby St.

IRA E. GRUBB, AM, is superintendent of schools at Slater, Mo. Address: 311 Broadway.

33 NORMAN O. WAGNER, Jr., BS EE, is vice president in charge of sales for the Portland Cement Co., Alpha Building, 15 S. 3rd., Easton, Penn.

Mrs. Carl McCullough, formerly VIRGINIA APPLEBY, AM, lives in Elkhart, Ind., and is part time secretary in the Elkhart schools. Their son, Larry Dean, entered the U. S. Naval Academy at Annapolis this summer. The McCullough home is at 321 W. Wolf in Elkhart.

DAVIS K. JACKSON, BS CE, is president of the Kansas City Real Estate

Board for 1957. Mr. Jackson is a vice president of the J. C. Nichols Company in Kansas City. He joined the Nichols company in 1946, after being active in public relations and as a consulting engineer. Mr. and Mrs. Jackson and daughter Barbara, 16, live at 5400 Sunset Drive.

Mrs. O. R. Nattinger, formerly FRANCES PARKS, AB, lives at 401 E. Franklin in Clinton, Mo.

ANNA JEAN O'DONNELL, BS Ed., is teaching in Memphis, Tenn., and lives at 330 Alexander, Memphis 11.

34 EDITH P. WEINBACH, BJ, is employed at the Kansas University Medical Center. She lives at 4000 West 58th Street, Mission, Kan.

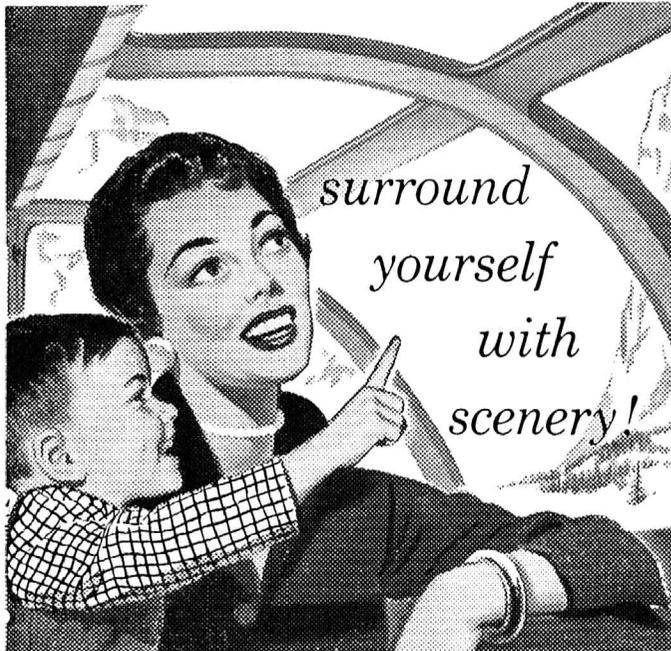
CLARK NICHOLS, Jr., is a labor relations lawyer, representing management, in Oklahoma City. Mr. and Mrs. Nichols and two Children, Randy, 14, and Mary Clark, 5, live at 312 E. Fourth St., Edmond, Okla.

ANDREW J. BASS, AB, farmer, now lives at 1510 University in Columbia, Mo. Mrs. Bass is the former ANNE EWING SIMRALL, BS Ed. '40.

35 DICK B. WHITEHEAD, BS Agr., AM '46, is vice president of Klenszade Products, Inc., sanitation chemicals, with headquarters in Jackson, Miss. Mrs. Whitehead is the former RUTH ANN TILLOTSON, BS '34. The Whitehead home in Jackson is at 4886 Woodmont Drive.

DORRIS BROWN, BS Agr., former Missouri county agent, is an economist with the Mutual Federation of Independent Cooperatives, Inc., of Syracuse, N. Y. A native of Richmond, Mo., Dr. Brown received advanced degrees from Harvard University. He spent twenty years in agricultural extension work, as an agent in Warren and in Marion counties, on the University faculty as an extension economist, and on the staff of North Carolina State College. In 1955 he joined the New York federation. Mrs. Brown is the former CHRISTINE E. MILLER, BJ '33, of Columbia. Their home in Syracuse is at 111 W. Jefferson St.

36 REBECCA BAKER, BS Ed., M.Ed. '41, joined the staff of the College of Education of Southern Illinois University at Carbondale as associate professor at the beginning of the winter semester. Dr. Baker received her Ph.D. degree from the Iowa State in 1952 and has been teaching in the School of Education at the University of Wisconsin.

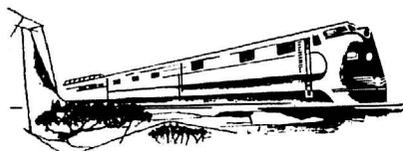


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ROUTE OF THE EAGLES

37 MARTIN RICHARDSON, LLB, formerly of Holden, has opened offices for law practice at 217½ North Holden St. in Warrensburg, Mo. Mr. and Mrs. Richardson and their three children—Paul, 12, Susan, 4, and Mark, 2—are living at 403 Tenth St., Warrensburg.

JOHN ED HARRIS, BS Agr., Cooper County agricultural extension agent, was recognized in December by the Missouri County Agents Association for his distinguished service in extension work. Mr. Harris, located at Boonville since 1950, taught vocational agriculture at Middleton for six years after graduation, and was agent in Lincoln County until 1949. Mr. and Mrs. Harris and family are living in Boonville.

HAROLD W. THIEMAN, BS Agr., well-known live stock farmer of Concordia, Mo., will judge in the Royal Easter Livestock Show in Sydney, Australia, this spring. Mrs. Thieman will accompany him, and they plan to travel around the world. The Thieman family has been in the Shorthorn business since 1900. At present Harold and his father, LEWIS THIEMAN, BS Agr. '01, are in business together at Thieman's Polled Shorthorn farm. They began showing at the International in Chicago in 1932, haven't missed a show since, and have won 40% of all the Grand Championships since that time. During the past year they have sold cattle in Canada, Australia, Scotland, South Africa and Argentina, as well as the United States. A brother, HOMER THIEMAN, BS Agr., BJ '36, lives in Western Springs, Illinois, 4924 Wolf Road.

38 DAN HAWKINS, BS Agr., M.Ed. '53, has been teaching vocational agriculture in the high school of Granby, Mo., the past 18 years. Mr. and Mrs. Hawkins and daughter, Dana Jo, live in east Granby.

JAMES B. KING, M. Ed., formerly of Springfield, Mo., recently was appointed senior engineer of the U. S. Naval Aviation Ordnance Test Station, Chincoteague, Va. Mr. King received his BS degree at Baker University and did graduate work in physics at the University of Illinois. He was ballistician with Army Ordnance at Pryor, Okla., from 1942 to 1944, and in 1944 was commissioned in the Navy and for two years was in the Aviation Ordnance Department at the Naval Proving Grounds, Dahlgren, Va. As a civilian between 1946 and 1952 he was Test Officer at Dahlgren. Mr. King has been head engineer in the Ordnance Stores Department at the Naval Aviation Ordnance Test Station since 1952. He is a member of the joint Army-Navy-Air Force Fuze Test Committee. His broad experience in the aviation ordnance field will be utilized in the air combat capabilities of the station's products.

39 WILLIAM KNIGHT, BS Agr., county agricultural agent of Chariton County, was recognized for distinguished service to agricul-

ture by the Missouri County Agents Association last December. Mr. Knight joined the extension service in 1941, went to Wright County in 1943, and to Chariton County in 1947, with headquarters in Keytesville, Mo.

JOHN L. GARDNER, BJ, recently joined the Promotion department of Kenyon & Eckhardt, Inc., in New York City. He has been director of advertising and merchandising for General Baking Company for the past two years. Mr. Gardner has also been with Young and Rubicam, B. T. Babbitt, and Omar, Inc., Omaha. Mr. and Mrs. Gardner and three children live in Scarsdale, N. Y.

VIVIAN HERRICK, BJ, is Mrs. Donald H. Jones, of 12 No. Glenwood, in Columbia, Mo. DONALD H. JONES, BJ '25, AM '26, is a professor of journalism at the University.

RICHARD R. (Dick) JONES, BJ, is in the insurance and real estate business in Vandalia, Mo. Address: 212 S. Main.

KEN HUDNALL, BJ, is advertising sales manager for Better Homes & Gardens magazine in Des Moines, Iowa. He returned to Des Moines in the present job last December, after four years as manager of the Detroit advertising sales branch for this magazine. The Hudnall home in Des Moines is at 3100 Terrace Drive.

40 Mrs. J. W. Hall, formerly MARGUERITE MURRAY, BS, is living in New York state, where Mr. Hall is connected with the Schenectady plant of General Electric. He was formerly with the Hanford plant in Richland, Wash. His work consists of recruiting engineers, physicists and chemists in southeastern colleges and universities. Their home is at 43 St. Stephen's Lane, Scotia, 2, N. Y.

Lt. Col. JOHN A. WHITE, BS Agr., of 101 S. Greenwood in Columbia, is the



JAMES B. KING, '38

commanding officer of the Third Battalion of the U. S. Marine Corps. The battalion has recently been on a "Goodwill Tour" and amphibious training cruise, visiting British North Borneo, Karachi, Pakistan, Bombay, India and Colombo, Ceylon. Mrs. White is alumnae secretary at Christian College. They have two daughters, Nancy and Susan.

ORVAL E. ADAMS, AM, is director of elementary education in the public schools of Gallup, New Mexico. His address is 107½ W. Hill, Gallup.

BRUCE H. MAYNES, BJ, is a retail advertising salesman for The Denver Post. His address is 3951 Colorado Blvd., Denver 5, Colo.

Dr. GEORGE E. MOWRER, BS, M.Ed. '46, D.Ed. '56, has been named an expert in vocational guidance on the staff of the school of applied arts and sciences at Western Michigan College, Kalamazoo. He has the rank of associate professor. Dr. Mower has been director of guidance services for the Missouri Department of Education in Jefferson City for the past eight years.

41 Col. WILLIAM H. BILLINGS, LLB '53, is deputy assistant commandant of Fort Benning's Infantry School, Ft. Benning, Ga. He attended the University before entering service in 1933, and again in 1942. In 1943 he was assigned to the Command and General Staff College, Fort Leavenworth, Kansas. In 1952 he was graduated from the Army War College, Carlisle Barracks, Pa., and was chief of the Schools Division, g-3, Office of Continental Army Command, Fort Monroe, Va., for the next two years. A Korean assignment followed, and he went to Fort Benning in April, 1955.

ARTHUR DREYER, BJ, AM '47, now assigned to the Office of Information Services, Office of the Secretary of the Air Force at the Pentagon, returned in October from a three-year tour in the Canal Zone. Major Dreyer served in that area as public information officer on the staff of the Joint U. S. Caribbean Command. At present he is also doing some part-time journalism work in the Springfield, Va., community as a staff reporter for the Springfield Independent, a bi-weekly paper. The Dreyers have three sons; Douglas Benjamin, 8, Stephen Henderson, 5, and Roger Arturo, 2, who was born in the Canal Zone. Their home is at 7305 Dunston St., Springfield, Va.

W. W. BARNETT, Jr., BS BA, AM '49, is Commanding Officer, 3d Battalion, 22d Infantry, 4th Infantry Division, Fort Lewis, Wash. Mr. and Mrs. Barnett announced the birth of a son, Theodore Mahler Barnett, on October 1, 1956, in Tacoma. Their address is Quarters 369, Fort Lewis, Wash.

DORIS E. ELY, M.Ed., is chairman of the English department in senior high school, Hutchinson, Kan., address: 16 E. 12th.

CLASS NOTES

D. S. MERRILL, M.Ed., who received his D. O. degree at the College of Osteopathy in Kansas City in 1949, is practicing in Gentry, Mo. He has been practicing at Advance, Mo., for the past seven years. Dr. and Mrs. Merrill, and two children, Harriet Ann, 9, and Delmar, 5, are living on Jefferson St. in Albany, Mo.

HENRY V. GUHLEMAN, Jr., BS Med., physician, has his offices at 130 Medical Arts Building, Jefferson City, Mo.

42 SAMUEL CHARLES HILL, BS Ed., is executive assistant in Physical Medicine and Rehabilitation services of the V. A. Hospital, West Haven, Conn. Mr. and Mrs. Hill have one son, Robert Samuel, now three years old. Their home address is 29 Bristol Terrace, Milford, Conn.

DURWARD B. BRANDT, BS EE, MS EE '47, has been transferred from the General Electric Engineering, Planning and Development section in Schenectady, N. Y., to the Low Voltage Marketing section of the Philadelphia General Electric switchgear department as a product planning specialist. Mr. and Mrs. (MARY LOUISE VIA, BS BA '47) Brandt and three children live at 430 Greenview Lane, Haverstown, Pa.

BENNY W. HENSLEY, M.Ed., is a fifth grade teacher in the schools of Albuquerque, N. Mex. Mrs. Hensley is also teaching in the second grade and continuing her work toward a master's degree. Their two daughters are in junior high school. The Hensley home is at 1208 Lafayette Drive, N. E., Albuquerque.

LUTHER J. HEILMAN, BS CE, is superintendent of industrial relations at Sandia Base in Albuquerque, N. Mex. The Heilmans live at 3311 45th St., Sandia Base, Albuquerque, and there are four children; James, 13, Steve, 9, Carol, 6, and Susan, nearly four.

DAVID LEONG, BJ, and Mrs. Leong, who was MARGARET (Peggy) McDANIEL, AB, are living in Singapore. Mr. Leong is continuing his journalism work, and Mrs. Leong teaches French and psychology.

IRA E. GRUBB, AM, is superintendent of schools at Slater, Mo.

Mrs. Uly S. Gunn, who was MARGARET KOLLMAYER, BS, lives at 450 University Drive, Athens, Ga. The Gunns have four children: Mary Gannon, 10, Meg, 9, Rusty, 5, and Page, six months.

JOE PEARCE HARLE, BJ, is president of the J. P. Harle Forwarding Co., Houston, Texas. His address is 3914 Huron St. in Houston.

MELBERN B. ROBINSON, BS BA, is a senior member of a Red Cross team on the U.S.N.S. General Haan, a ship transporting refugees from Bremerhaven, Germany, to the United States. He is also assistant director of services to military installation in the St. Louis area. With the Red Cross national staff since

1946, his duties consist of meeting personal needs of the refugees, planning recreational activities, and helping refugees to make contacts with proper authorities. Mrs. Robinson is the former BOBBY CASH SUTTER, BS Ed., of Columbia. The Robinsons make their home at 1001 Trelane, St. Louis 19, Mo.

JEAN G. BARDWELL, BS Ed., of Sheldon, Iowa, is one of more than 1300 teachers now instructing American children in the Army Dependent schools in France and Germany. She is teaching grade three in the Bad Kreuznach, Germany, elementary school. She formerly taught in the public schools of Seattle, Wash.

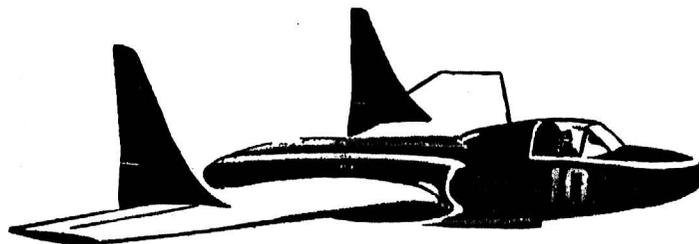
Dr. N. D. HAZELBAKER, M.Ed., is dean of Arkansas State College, State College, Ark.

WILLIAM H. WOODSON, AB, has become a member of the law firm of Spencer, Fane, Britt & Browne at 106 West 14th St., Kansas City 5, Mo. Mrs. Woodson is the former NANCY SENTER, AB '48. Their home is in Prairie Village, Kansas, and their mailing address is 2000 Power and Light Building, West 14th, Kansas City 5, Mo.

J. B. BEAVER, LLB, is probate judge of the Probate Court and ex officio Judge of Magistrate Court for DeKalb County and has been practicing law in Cameron, Mo., for the past eleven years.

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KANSAS CITY POWER & LIGHT COMPANY

CLASS NOTES

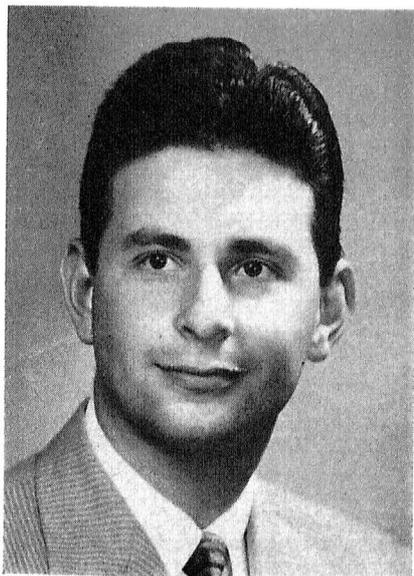
ROBERT G. HAYWARD, Jr., BJ, is vice president, treasurer, and sales manager of the Implement Specialty Company, Inc., of 9747 Gravois, St. Louis. They are distributors of allied farm and light industrial equipment for the State of Missouri and Illinois. Mr. Hayward lives at 7121 Circleview Drive, St. Louis 23, Mo.

KEITH MAGEE, formerly with the Soil Conservation Service at Gallatin, Mo., is work unit conservationist of the Nodaway Soil Conservation district in Missouri, with headquarters in Maryville.

43 JOHN E. (Jack) KEITH, AB, is manager of the St. Louis division of the Southwestern Bell Telephone Company. He has been divisional commercial superintendent at Fort Worth, and spent two years as Moberly, Mo., district manager. Mrs. Keith is the former JUNE A. HAGER, BS HE, '44.

Maj. ROBERT N. FLEMING, BJ, is presently assigned to Headquarters, U. S. Army, European Command, in France, where he expects to remain three years. For the past three years he has been chief of the Procurement Division of the Transportation, Supply and Maintenance Command in St. Louis, Mo. His mother, Mrs. Sallie Lou Fleming, lives at 311 Sexton Road in Columbia, Mo.

IRVIN FARMAN, BJ, is vice-president in charge of the Fort Worth office of Witherspoon & Associates, Inc., Fort Worth-Dallas public relations firm. Mr. Farman has been with this firm since May, 1953 as a client representative. Prior to that he was a reporter, columnist and feature writer for seven years on the Fort Worth Star-Telegram. He is also executive secretary of the greater Fort Worth Planning Committee, a Citizens group. Mr. and Mrs. Farman and son, Kent, 8, live at 3912 Kenley, Fort Worth, Texas.



IRVIN FARMAN, '43

HAROLD A. HASWELL, AM Ph.D. '51, has been executive coordinator of the Christian Education Commission of the Baptist General Convention of Texas since September, 1953. Prior to that position, he was administrative dean, then president, of Ouachita Baptist College, Arkadelphia, Ark. Dr. Haswell has also taught in the schools of Missouri, and was on the faculty of Southwest Baptist College in Bolivar, Mo. Mrs. Haswell is the former MILDRED I. LILES, BS Ed. '49, and is teaching third grade at the John S. Armstrong School, Dallas. They have one son, Edward A., and their home is at 7525 Villanova, Dallas 25.

Mrs. Lawrence G. Hahn, who was GRACE FORREST, M.Ed., is teaching second grade in Anaheim, Calif., and lives at 840 N. Citron St. During the ten years Mrs. Hahn has been teaching in Anaheim, she has watched the population more than triple, and experienced in the schools all the accompanying progress and "growing pains."

Have you tried a Solar-Broiled steak? A steak broiled by that exclusive "Solar-Quartz" equipment which is being manufactured by Electriglas Corporation, Bergenfield, N. J.? Then try the Hartman residence at 170 Tuxedo Parkway, Newark 6, N. J. for information—or maybe a steak. NORMAN HARTMAN, BJ, is executive vice-president of the Electriglas Corporation, now manufacturing "Solar-Quartz" electric heating panels, along with other products. Mr. Hartman has been a distributor for Electriglas the past two years, prior to his promotion to the vice-presidency in December, 1956. At their home in Newark, Mr. and Mrs. Hartman live with their daughter, Diana, 6, and an adopted son, Jonathan, now four months old.

44 ORLAND M. SCOTT, BS BA, has been elected president of the Service Bureau Corporation of New York City. This is a newly-formed subsidiary of the IBM Corporation. Mr. Scott joined this corporation in 1938 in St. Louis. He and Mrs. Scott and two children live at 10 Elm Lane, Bronxville, N. Y.

45 Mrs. B. Spencer Henry, who was LOLA JANE LYAN, now lives at 3903 W. 74th Terrace, Kansas City 15, Mo.

PHYLLIS DEADERICK, BS Ed., is Mrs. Charles R. Stanley of 5822 Walsh St., St. Louis 9, Mo.

JAMES A. PAINTER, M.Ed., is administrative assistant to the Superintendent of Schools of the Ritenour School district in St. Louis. A native of New Franklin, Mo., Mr. Painter has taught in the schools of Howard County, in Boonville, and in Liberty, Mo. Before going to Ritenour, he was principal of the Anthur A. Hoech Junior High School in Overland, Mo. Mr. and Mrs. Painter live at 2342 Goodale Ave., Overland, Mo.

JEAN ANSON Smith, BJ, says being a housewife with four children is fun, hard work, and very satisfying, but not news. But we will wager it is a busy time always at 300 E. Chestnut in Odesa, Mo., where the Smiths make their home.

SAIDEE SIMMONS, AM, is social studies and reading teacher for seventh and eighth grades in Peoria, Ill. Miss Simmons lives at 926 N. Sheridan in Peoria.

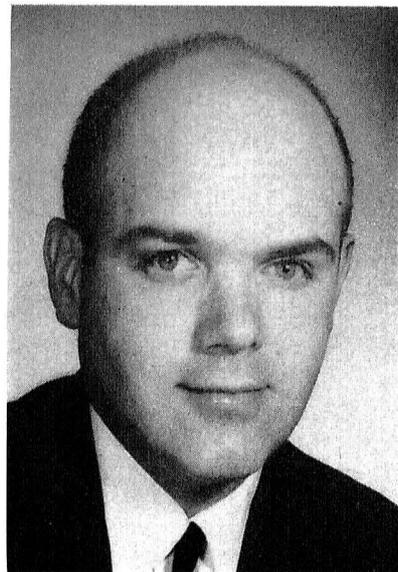
HENRY ROLFES, Jr., BS PA, is city manager of the city of Helena, Montana, with offices in the Civic Center. Mr. and Mrs. Rolfes have one daughter, Valerie Jan, born last July.

46 WILLIAM H. BATES, BS BA, has joined the Boone County National Bank in Columbia, Mo., as a vice-president. He was formerly executive vice-president and director of the Lexington (Mo.) Savings Trust Company. Mr. and Mrs. Bates and two children are living at 1119 W. Broadway in Columbia.

47 LYLE FITZGERALD, BS, AM '49, agricultural economist for Quaker Oats in Chicago, has received his Ph.D. degree from the University of Illinois. Dr. and Mrs. Fitzgerald and daughter, Nancy, live at 21 S. Bruner, Hinsdale, Ill.

FRED E. FARR, BJ, is director of advertising and sales promotion for Southwestern Drug Corporation in Dallas, Texas. He is responsible for handling the advertising and sales promotion activities for Southwestern Drug and for Red Arrow Laboratories of Waco, Texas. Mr. and Mrs. Farr and two daughters, Kathy Anne and Cary Leigh, live at 2627 San Marcus, Dallas 28, Tex.

ROBERT W. KEITH, BS BA, is an assistant treasurer of the Hanover Bank,



FRED E. FARR, '47

New York City. He was formerly a personnel assistant with the bank, and before joining the bank in 1956, was employment manager of the Equitable Life Assurance Society in New York City. Mr. and Mrs. Keith and daughter live in Syosset, New York.

WILLIAM F. PHARES is president and manager of Phares Oil Company of Maryville, Mo. He was recognized last fall by the Oil Industry Information committee for distinguished service to the oil industry. The OIIC, which conducts the public relations program for the American Petroleum Institute, gave him a "Silver" award for his work in presenting information to the public about the oil industry through films, speeches, school material and other media. Mr. and Mrs. Phares and two sons live in Maryville.

DULAL PADA SADHU, Ph.D., recently represented the University at the centenary celebration of the University of Calcutta in India.

Mr. and Mrs. Charles Hitchcock, Jr., of 4623 Bales, Kansas City, Mo., announced the birth of a son on October 31, 1956. Mrs. Hitchcock is the former LOIS LIESE, BS BA.

JAMES S. BENTON, BS BA, of The Champion Paper and Fibre Co., Hamilton, Ohio, has been named to take over the responsibilities of the marketing of food packaging papers, in addition to his present duties as sales manager of converting papers. Mr. Benton, who joined the firm in 1950, was assistant to the director of purchases and assistant to the director of finance before becoming associated with the sales department. Born in Winnsboro, La., he attended high school in Jackson Miss., Louisiana State University, Tulane, and has done graduate work at Harvard University. Mr. and Mrs. Benton and four children live at 1271 Clovernook Drive, Hamilton.



JAMES S. BENTON, '47



D. VAN QUACKENBUSH, '47

DEREK VAN QUACKENBUSH, BJ, is editor and publisher of The Warsaw Bulletin, "on the banks of the Mississippi," in Illinois. The Bulletin, several times a prize winner in the Illinois Press Association contests, placed second in general excellence and in feature story last year. Mr. Quackenbush recently helped organize a new Kiwanis Club in Warsaw and was elected its first president. Mr. and Mrs. Quackenbush have two daughters, Susan, 5, and Ann, 2.

48 ROBERT H. COLEMAN, AB, is an agent for general insurance in Hayti, Mo. Last fall he was elected trustee for the Pemsco County Memorial Hospital for a term of four years. His address is P. O. Box 366, Hayti.

HOMER HENDRICKSON, AB, writer for the Cleveland (Ohio) Plain Dealer for the past five years, recently was cited by the Air Force for his "praiseworthy assistance." His work, covering military affairs from both within and outside the services, consists of active military affairs, the establishment of guided missile bases, and the local impact of military decisions made in Washington. He also writes the service roundup column in The Sunday Plain Dealer. Mr. and Mrs. Hendrickson and their three children live at 1700 Wright Ave., Rocky River, Ohio.

NILS STEEN CHRISTENSEN, BJ, of Oslo, Norway, is editor of the bi-weekly ladies magazine, "Urd," which has a circulation of 50,000. Last November he went to Syria and Lebanon for the Norwegian UNICEF, to write articles about the need for food and vitamins among the children in the Near East. These articles were to be syndicated for the Norwegian dailies. Mr. and Mrs. Christensen have one son, Mogens, now two years old. Their address is Bekkeliveien 17, Smestad, Oslo, Norway.

LESTER E. HAWN, BS Agr., is secretary-treasurer of the National Farm Loan Association of Farmington, Mo. Formerly an agricultural extension agent in Bollinger County, Mr. Hawn now owns and operates a dairy farm near Bonne Terre in St. Francois County. Mr. and Mrs. Hawn and daughter live on this farm, Highway 67, Bonne Terre, Mo.

Mr. and Mrs. WILFORD FARMER, BS Agr., of Metamora, Ill., announced the birth of a daughter, Judy Kay, last December. Mrs. Farmer is the former FRANCES WARD, AB, of Centralia, Mo.

NEWTON I. TOWNSEND, AB, AM '49, is an assistant professor of journalism at the University, directing the training of adult journalists from foreign countries under a grant from the U. S. State Department. Mr. Townsend has been an instructor in journalism and director of public relations at Washburn University in Topeka, and has been on the staff of the Daily Capital there since 1950. Mr. and Mrs. Townsend have two children, Rock 4, and Michael, 4 months.

ROBERT L. HAWKINS, Jr., LLB, is attorney for the Missouri Power and Light Company in Jefferson City, Mo. Mr. Hawkins, in addition to his private practice at Monroe City, has been city attorney for five years and was prosecuting attorney in Monroe County in 1955-56. Mr. and Mrs. Hawkins, who was Elizabeth Hunter of Jefferson City, have three children.

VALENTINE F. RIDGWAY, BS, BA, MS '50, recently appointed assistant professor on the Kansas State College staff, is teaching management classes in the department of business administration. Mrs. Ridgway is a graduate of K-State. They have three children.

Mrs. Lee B. Cheshier, Jr., formerly DORIS L. WEAVER, AB, AM '50, lives at 9616 Lynbrook in Dallas, Texas. Mr. Cheshier, a certified public accountant, is employed at Neiman-Marcus Co. in Dallas. Their son, Randolph Lee, was born last September.

LOWELL G. McRAE, BJ, is production manager for Brooks Printing Co., Springfield, Mass. Mrs. McRae, the former ELIZABETH (Betsy) PAGE, AB, keeps busy with their home at 57 Merriam St., East Longmeadow, Mass.; their five-year-old daughter, and a son, Glenn, who was born last September.

ANTHONY H. CHAMBERS, AB, practicing attorney, has opened his own law office at 106 Main St., Bradford, Penn. His home is at 5 Delaware Ave., in Bradford.

LEON HAYNES, BS Agr., is teaching vocational agriculture at Humansville, Mo. Mr. Haynes taught for four years, was employed by the Quaker Oats Co. as a sales representative from 1952 to '55, and returned to teaching last year. Mr. and Mrs. Haynes are living in Humansville.

Henry County's prosecuting attorney, WILLIAM J. CASON, BS BA, LLB '51, was honored for the fourth consecutive year since his graduation by being asked to write the annual review of the Missouri Supreme Court's work for the Missouri Law Review. He was elected prosecuting attorney of Henry County in 1952 and lives in Clinton, Mo.

WILLIAM T. SAMPLE, BS Agr., is an agronomist in the 76-year-old Memphis, Tenn., branch of the United States Testing Company of Hoboken, N. J. In this capacity he participates in the company's soils analysis and fiber testing program, evaluates soil fertility and the effect of soil management on cotton and other agricultural crops. Before joining the firm, Mr. Sample was an agronomist for the Mid-South Chemical Corporation in Memphis. Prior to that, he was with the M. U. Agricultural Extension Service.

ROBERT D. SONDERMAN, BS, M.Ed.'49, joined the staff of the industrial arts department of Eastern Illinois State College at Charleston, Ill., last fall. He formerly was industrial arts instructor and driver education instructor in the University Laboratory School in Columbia, Mo.

49 PHIL JUDY, BS, BA, recently has been transferred with the Chrysler Corporation to Terre Haute, Indiana, where he is a district sales manager out of the St. Louis area.

PAUL D. TYLER, BS, is a business management specialist at the Rockford (Ill.) district office of the Ford Motor Company. He has been employed by the Ford Motor Company since leaving the University, except for two years, 1951-53, when he was recalled to active duty in the Naval Reserve, where he served as a lieutenant commander in Elizabeth City, N. C. Mrs. Tyler is the former PATRICIA ANN CRAFT, BS Ed.'48. They have two children, Linda and Dickey, and live at 2004 22nd. St., Rockford, Ill.

JOHN M. BECKER, BS Agr., is farming at Rolling Shoals Farm near Williamsville, Mo.

F. PAUL BAXTER, BS Agr., soil conservationist, in January was transferred from the Pine Ridge Indian Reservation, Pine Ridge, S. D., to the Fort Totten Sub-Agency of Turtle Mountain Consolidated Indian Agency at Ft. Totten, N. D. He was promoted to head conservationist with the Branch of Land Operations, Bureau of Indian Affairs, of the Department of Interior. His address is Box 28, Fort Totten.

HOWARD A. STEELE is a market research analyst for The National Supply Company at its headquarters in Pittsburgh, Pa. Mr. Steele joined the company in 1949 at Tulsa, and has served as a clerk, pump repairman, and field representative in Tulsa, Seminole, Bristow and Shidler, Oklahoma.

ROBERT W. GUNDERSON, BJ, is advertising manager for Employers Mutuals of Wausau, Wis. Their advertising program features the "Wausau Story" series, which has won a number of national awards during the three years in which it has been running in news, business and general-readership magazines. Mrs. Gunderson is the former JERRY ELLEN RUETHER, AB.

ED MEYER, BJ, is program director of radio station WGH, Norfolk, Va. His address is 222 Lynnhaven Drive, Hampton, Va. He is currently chairman of the 1957 March of Dimes for the city of Hampton.

Dr. THEODORE VAN RAVENSWAAY, AB, is resident physician in the pathology department of Massachusetts General Hospital, Watertown. Mrs. Van Ravenswaay is the former NANCY NEEF, BS Ed., AM '50. Their home is at 264 Lexington St., Watertown, Mass.

JOE BEAVERS, LLB, is practicing law with the firm of Ewing and Beavers, Maryville, Mo.

Mr. and Mrs. ROBERT BELKNAP and two sons, 5 and 3, live at 6002 W. 75th Terrace, Prairie Village, Kan. Mr. Belknap, with National Gypsum Company the past five years, has been assistant district manager of the Kansas City district for the past three years.

RAY A. GRACE, BS Agr., is farm adviser for Boone County, Illinois, with offices at the county seat, Belvidere. Mr. and Mrs. Grace have two daughters, Linda, 6, and Carolyn, 2. Their home is at 516 E. Macomb St., Belvidere.

JAMES F. FERREL, BS ChE, is chemical operations engineer for the Brownsville, Texas, chemical plant of Stanolind Oil and Gas Co., Tulsa. Mr. Ferrel's address is P. O. Box 1712, Brownsville.



HOWARD A. STEELE, '49



ROBERT W. GUNDERSON, '49

WILLIAM J. (Jack) BELL, Ph.D., is head of the department of communications of East Texas State Teachers College, Commerce, Texas. Mrs. Bell, formerly MARJORIE MAY ANDREWS, BS, is head of their new "home" department at 2500 Washington Street in Commerce. They moved into a newly built home last December. Dr. Bell went to East Texas State in 1951 after teaching two years at the University of Oklahoma.

DONALD SCHWARTZ, BS, is professor of chemistry at Villanova University in Pennsylvania. Dr. and Mrs. Schwartz, who live at 8B Fairfield Apts., Wayne, Pa., are interested in meeting alumni of the University in Philadelphia and the surrounding area. They have two children, Leonne, 4, and Mark Wayne, 1.

CHARLES R. STRIBLING III, AB, BJ '50, a captain and instructor at the Mexico Military Academy, Mexico, Mo., was cited by the Mexico Jaycees last year for outstanding community service. Besides his outstanding work with the Jaycees, he was local president of the March of Dimes in 1956.

PAUL DYGDARD, AB, is associated with J. ANDY ZENGE, Jr., LLB '36, in his Canton, Mo., law practice. For the past several years Mr. Dygdard has been a claims adjuster for the State Farm Mutual Insurance Company in six N. E. Missouri counties. Mr. and Mrs. Dygdard and three children, Paul III, 5, Kent, 3, and Katherine, 1, have been living in Hannibal, but will make their home in Canton.

The three-year-old son of Mr. and Mrs. HAROLD HARLAN, AB, in January died unexpectedly at their home in Midland, Michigan, where Mr. Harlan is director of the Grace A. Dow Memorial Library. Their mailing address in Midland is Box 493.

CLASS NOTES

EDGAR MAYFIELD, LLB, former attorney of Lebanon, Mo., is an attorney in the legal department of the Southwestern Bell Telephone Company, with headquarters in St. Louis. He began his work here January 1, and the family will live in St. Louis. Mrs. Mayfield is the former MARTHA ELLEN BURTON, AB '48.

50 GEORGE B. ADKINS, BS, AM '51, is chief of the mathematical statistics branch of the Division of Nuclear Materials Management, U. S. Atomic Energy Commission, Washington, D. C. The Adkins home is at 1111 Arlington Blvd., Arlington, Va.

SYBIL JANE HARRISON, BJ, since September 29, 1956 is Mrs. Joseph W. Davison, Jr., of Christopher, Ill. Mr. Davison is publisher and she is editor of the Christopher Progress. They were married in September and are now living at 706 1/4 N. Emma St. in Christopher.

Mr. and Mrs. J. R. JACKSON, BS BA, of North Kansas City, Mo., announced the birth of a daughter, Rebecca Rose, on January 3, 1957. Mrs. Jackson is the former VIRGINIA ELIZABETH REID, BS Ed., AM '51, of Columbia, Mo. Their address is 4116 N. Campbell, Kansas City, Mo.

MARSHALL ARNOLD, M.Ed., D.Ed. '56, is on the staff of East Central State College of Ada, Okla. A native of Ava, Mo., Dr. Arnold received his BS degree in education from S. E. Mo. State College at Cape Girardeau.

HALE L. MONTGOMERY, BS BA, former U.P. staffer in New Orleans, is now manager of the United Press bureau in Topeka, Kan. Mr. Montgomery joined the U. P. in New Orleans in June, 1955, and previously worked for the St. Joseph, Mo., Gazette. He is a native of Jefferson City, Mo.

RINTHA M. CARTER, MS, is a psychiatric social worker with St. Elizabeths Hospital, Bldg. E., Washington 20, D. C.

JOSEPH P. COLLINS, Jr., BS Ed., teaches in Simonsen Junior High School in Jefferson City, Mo. Mr. and Mrs. Collins and daughter, Cynthia Marie, born September 14, live at 706 Washington, Jefferson City.

NELSON ARNEY, M. Ed., is admissions counselor for Westminster College in Fulton, Mo., with territory including Kansas City, Western Missouri, and Oklahoma. He was formerly principal of the high school at Mansfield, Mo., and a former coach at St. Charles, Mo.

LOIS F. MYERS, BJ, is assistant editor on the staff of Post Graduate Medicine in Minneapolis, Minn. Miss Myers lives at Hotel Francis Drake, Apartment 308, in Minneapolis.

DAVID WEBB, BS, received his Bachelor of Laws degree on January 30 from Western Reserve University in Cleveland, Ohio.

LOY E. SCROGGINS, BS Agr., is assistant farm management supervisor for Farmers Home Administration in Mt. Vernon, Mo., his territory including Lawrence, Barry and Stone counties. The Scroggins live at 833 Roakoke in Springfield, Mo.

JACK B. ELLIOTT, BS ME, is operating engineer with Universal Atlas Cement Company in Leeds, Ala. Mrs. Elliott is the former SUSAN ANN ROYSTON, AB Agr. '51. The Elliots have two children, Janet Sue, 3, and Jack William, born last September. They are living at 2813 3rd Ave. South in Leeds.

JAMES ROBERT CLINE, AB, is in the wholesale lumber business in Dallas, Texas. He is with Moses and Cline Forest Products company. Mr. and Mrs. Cline have two daughters, Sally, age 2 1/2, and Carol, 1 1/2 years. Their home is at 6622 Stichter in Dallas.

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Please enter my membership in the Alumni Association and bill me.
Mail to 101 Read Hall.

PAUL R. SHY, LLB, is U. S. Attorney, Western District of Missouri, Kansas City. Mr. and Mrs. Shy announce the birth of a son, John Joseph, on January 24, 1957. Their three other children are Mary Tyler, 4, Felicie Ann, 3, and Paul Russell, 1 year old. Their home is at 6808 Berkley in Parkville, Mo.

ROBERT WILLIAM CASEBOLT, BS, is a design engineer for Convair, F 106, and makes his home at 3319 Wisteria Drive, San Diego 6, Calif. Mr. and Mrs. Casebolt have two children, a son, Dale Robert, born November 10, 1956, and a daughter, Diana, nearly two years old.

ANTHONY CAMPESI, BS CE, is a field construction superintendent for the Wm. L. Blanchard Co., Newark, N. J. At present they are building a five story bank building for the City Federal Savings & Loan Association of Elizabeth, N. J. Mr. and Mrs. Campesi and two year old son live at 9 Eaton Court, Summit, N. J.

GILBERT L. PHILLIPS, Jr., BS Ed., acoustical sales engineer, lives at 55 Thorne Ave., Huntington Station, N. Y. Mr. and Mrs. Phillips have four children, three boys and a girl. The youngest, Andrew Mark, was born last November.

The Saturday Evening Post, issue about December 8, carried a story, "My Twelve Years as a Blind Man," which told the story of WILLIAM WINSTEAD, AB, AM '52, teacher of sociology and history at Christian College in Columbia, Mo., since 1953. An accidental dynamite explosion in the Burma campaign in 1943 left Mr. Winstead practically blind until 1955, when an operation was performed, successfully, and his sight restored, almost to normal. Mrs. Winstead, formerly CHARLENE KLEINE, BS Ed.'51, was one of his readers during the time he was earning his degrees at the University. Mr. and Mrs. Winstead now live at 210 Manor Drive in Columbia, Mo.

51 GENE D. HARSH, BS, LLB '56, is on the staff of the Tonawanda Laboratories of Linde Air Products Company, a division of Union Carbide and Carbon Corporation, Tonawanda, New York. Mr. Harsh is presently assigned to the Patent Group of the Laboratories. Formerly from Jefferson City, Mo., Mr. Harsh lives at 66 Campus Drive, Buffalo, New York.

Mrs. T. P. Ritchie, formerly ANNE SCOBEE, M. Ed., of Columbia, is teaching voice and directing choral groups at Christian College in Columbia, Mo. Mrs. Ritchie is a graduate of Hendrix College, Conway, Ark., and has been teaching in the Columbia public schools. Mr. and Mrs. Ritchie, and daughter, age 2, live at 912 Clayton in Columbia, Mo.

Mrs. J. Philip Hensley, who was JO-ANNE HICKS, BJ, lives at 1405 Windham Lane, Silver Springs, Md. Mrs. Hensley is in the Washington, D. C. office of the Caterpillar Tractor Company, government division. Their daughter, Pamela Marie, is nearly two years old.

Mr. and Mrs. Merle B. Smith live in Oak Park, Michigan, 21901 Morton, where Mr. Smith has been district sales manager for the Arkansas Oak Flooring Company in the Detroit area for the past two years. They have two daughters, Christy, 4, and Leslie Lynn, six months. Mrs. Smith is the former CAROLEE MOURNING, BS Ed., of Columbia.

ROBERT H. BROWNE, BJ, is advertising copywriter for Young and Rubicam Agency in San Rafael, Calif. Mrs. Browne was VENETTA MCKAY, BS Ed. '49. They have two daughters, Julia Elizabeth, 3½, and Jessie McKay, eight months. The Brownes live at 865 Pine Lane in San Rafael.

C. M. (Bud) SCHAUERTE, BJ, AM '54, is editor of The Conocoan, employee publication of Continental Oil Company in Houston, Tex. This spot seems to be a good way "up" for Missouri journalists—previous editors have been JACK RAGLIN, BJ '48, who is now assistant to the president of the company, and F. G. (Mike) BOGLE, BJ '49, who is now head of Conoco's Industrial Relations Department at Ponca City, Okla. The fourth M. U. man on their staff is JIM DOWLING, BJ '57, who will assist in the publication of the Conocoan. Mr. Schauerte was married last June to Miss Ann Krchnak, instructor in the Department of Nursing, Sacred Heart Dominican College, in Houston. They are living at 4606 DeMilo, Houston 18.

BYRON L. KUNKEL, BS Agr., is assistant agricultural agent at Mankato, Minn. Mr. and Mrs. Kunkel and two children, a boy and a girl, live at 212 Dane in Mankato. Mr. Kunkel tells of a recent chance meeting with ANDY DODDS, BS Agr.'52, who is doing promotional work for Purina, and who is traveling with "Champ," the mechanical steer, popular advertiser for the Purina Company.

Mr. and Mrs. Edward S. Jones live at 8676 Long Lane, Cincinnati 15, Ohio. She is the former ELAINE SODERSTROM, BS HE, of Columbia. Mr. Jones is a supervisor and metallurgical engineer for the General Electric Company. Their three children are Lynette Ann, 3, Edward Stewart III, 2, and Marcia Gail, born last November.

HELEN MARIE CRAWFORD, BS Ed., is teaching physical education at Ferguson High school, (St. Louis) and lives at 21 Lee Avenue, Clayton 5, Mo.

Toulouse Lautrec—something different to start a classnote—is really the white toy poodle which bosses the farm home where "Early American" furniture and numerous saddle-bred horses predominate at Breezy Point Farm, Highway 40, Chesterfield, Mo. Here Mr. and Mrs. Albert L. Kaegel, Jr., made their home after being married on March 17, 1956. Mr. Kaegel is a graduate of Drake University. Mrs. Kaegel is a free-lance advertising copywriter in her spare time. She was ZELMA A. BRITT, BJ.

CAROL JUNGE, BJ, is doing research work for Fortune Magazine, and is now working in Panama City, Panama.

CLARK BIGLER, BJ, in December was appointed Nevada state manager for United Press. After a year with the Salt Lake Tribune, Mr. Bigler joined UP at Reno in 1952.

GEORGE LEO BROSHUIS, BS Ed., is continuing his work toward a degree in veterinary medicine at the University. He lives in Room 230B, Dormitory 4, Columbia.

Mr. and Mrs. ROBERT W. BROWNING live at 759 Chamberlain Place, Webster Groves, Mo. Mrs. Browning is the former NITA SPARKS, BJ, of Columbia. The Brownings have two children, Robert, 4, and Jeanne, nearly two years old.

Mrs. Stanley Thames, formerly ESTHER EASLEY, BS, is living at 515 N. Francis, Ada, Okla., where her husband, Dr. Thames, is on the faculty of East Central College. Their daughter, Katherine, was born last October.

JOHN ERCKMANN, BS BA, is now with the sales division of The Dow Chemical Company in Midland, Mich.

PATRICIA A. CHAPMAN, BJ, is with the Special Services Program of the U. S. Army, and is located at The Service Club, Schwaebisch Gmuend, Stuttgart, Germany.

Lt. FRANK TULL, AB, BS Med.'53, has completed navy flight surgery training at Pensacola, Fla., and is now stationed at the Marine Base at El Toro, Calif. Lt. Tull completed his medical training at Washington University in St. Louis.

52 JAMES W. SWEAZEA, BJ, AB '53, formerly on the ad sales staff of the Wellston Journal in St. Louis County, is now with the Fireside Guard of Centralia, Mo. He is in charge of the advertising for the Guard. Mr. Sweeza has also worked on the Daily Quill in West Plains.

GEORGE S. REUTER, Jr., D.Ed. is head of the department of education and director of research for Arkansas A. & M. College, College Heights, Ark. Dr. Reuter is at present conducting an institutional self-study, in cooperation with Ford Foundation. He is State coordinator for Arkansas of Phi Delta Kappa and is Arkansas Director of Senior Citizens of America.

Mr. and Mrs. JOE J. HANAN, BS Agr., are living in Santa Ana, Calif., where Mr. Hanan is serving with the Marine Corps. Mrs. Hanan is the former JULIA W. WATKINS of Columbia, and last semester completed her M.S. degree in floriculture from Michigan State University.

HENRY S. BRADSHAW, AB, BJ, is with the Associated Press, Montgomery, Ala. His Montgomery address is 2012 Spruce Street.

CLASS NOTES

Dr. and Mrs. GEORGE D. BILYEA, BS, DVM '56, announce the birth of a daughter, Theresa Rose, on December 22, 1956. Mrs. Bilyea is the former MARION REID, BS, of Columbia. They are living at 7136 Robinson Drive in Overland Park, Kan., where Dr. Bilyea is practicing.

ROBERT E. MURRAY, BS Ed., coaches basketball and baseball at Hickman High in Columbia, and is assistant football coach. The Murray family lives at 801 West Ash St., Columbia.

HENRY HENNEBERG, BS BA, is general manager of the Printing Industries Trade Association in Los Angeles, Calif. Mr. and Mrs. Henneberg and three daughters, Georgette, Gerene and Jonelle, live at 2210 Parnell Ave., Los Angeles 64, Calif.

DAVE THOMAS, BS, is assistant store manager for the J. C. Penney store in Junction City, Kansas. For the past three years he has been with the Penney store in North Kansas City, Mo.

53 CLAY T. DAVIS, Jr., BS BA, manager of the Stewart Howe Alumni Service in the Elvira Building in Columbia, is not married, girls,—we erred. The item last month stated so, but it was our mistake. We like to promote, rather than hamper, the social standing of the alumni, especially those who are working with us as closely as Clay, and who read our magazine as carefully as he!

J. L. BEVIRT, BS Agr., is employed in the main laboratory of The Dow Chemical Company of Midland, Michigan.

VAN-LEAR BLACK III, AB, is an insurance representative for Fidelity and Deposit Company of Maryland, and lives in St. Louis. Mrs. Black is the former

NANCY NIEMEYER, AB '52, and their son, Van-Lear Black IV, was born last September. They are now living at 910 Thornberry Lane, Kirkwood, Mo.

JOHN R. BRUNER, DVM, is a practicing veterinarian at Turtle Lake, Wisconsin

ROBERT HINDS, BS Agr., recently was graduated from the Reich American School of Auctioneering at Mason City, Iowa. He is combining his auctioneering services with his work as dairyman and purebred Hampshire hog breeder at Willow Springs, Mo., his home.

GAGE FREIBERGER, BS ChE., formerly of Fulton, Mo., is now with the Spencer Chemical Company of Kansas City, and is stationed at the Joplin plant, Joplin, Mo.

Mr. and Mrs. Albert I. Goller announced the birth of a son, Ethan Benjamin, on November 13, 1956. They have another son, Howard Scot, and live at 3609 West 50th, Kansas City 3, Kansas. Mrs. Goller, who was formerly SHIRLEY STOLOWY, BS Ed., has taught in the Kansas City schools.

WALTER E. BIXBY, Jr., BS, is with Kansas City Life Insurance Company, and lives at 1020 Romany Road in Kansas City.

DONALD A. DIERKS, M.Ed., whose home is in Monroe City, Mo., is assistant professor of Music at Portland Catholic University, Portland, Ore. This is his third year at Portland. Mr. Dierks received his A.B. degree in Music from Central College in Fayette.

54 RICHARD L. MACKAY, BS BA, recently opened the Bibbens Pet Supply Shop at 8221 Wornall Road in Kansas City, Mo. Under the idea of "We Take Care of Your Best Friends," his stock now brags of being the largest of any supplier west of Chicago. And, "best friend" or none, Dick is glad to have old friends drop by for a visit.

Lt. RICHARD L. HOPKINS, BS BA, is presently attached to the Marine Air Base at Iwakuni, Japan. Mrs. Hopkins, who was NANCY PAGE, is living with her parents in Blanchester, Ohio, since Marine wives cannot accompany officer husbands on foreign duty.

OLIVER C. PHILLIPS Jr., AM, is associate professor of Latin at William Jewell College in Liberty, Mo. Mrs. Phillips, formerly SHIRLEY LIESE, BS BA '53, is an accountant for Kansas City Power and Light Company. Their home is at 4612 Bales Ave., Kansas City 30, Mo.

GERALD H. BUCHANAN, AB, is attending the nine-month Field Artillery and Surface to Surface Missile Battery Officers Course for regular army senior lieutenants at Lawton, Okla. Previous to this schooling, Lt. Buchanan was with the 82nd Airborne Division for 20 months, and made 28 parachute jumps during that time. Mrs. Buchanan, who was NANCY STEPHENSON JESS, BS HE '55, is now a home service demonstrator for the Public Service Company of Oklahoma. Lt. and Mrs. Buchanan live at 1426 Lindy Ave., Lawton.

EDWIN M. BRIDGES, BS Ed. who received his master's degree in guidance last September from the University of Chicago, is dean of boys at Griffith High School, Griffith, Ind. Mrs. Bridges, who was MARGIE POLLOCK, BJ, is teaching at Black Oak elementary school near Gary. Their home is at 770 Van Buren in Gary, Ind.

55 Dr. NELSON L. STONE, DVM, is practicing at Jackson, Mo., where he moved last fall from Fenton, Mo. Dr. and Mrs. Stone with their daughter, Mara Beth, and son, Barry, have moved to Jackson to make their home.

Lt. and Mrs. FLOYD DONALD BAKER, BS, and son, Greg, six months old, are living at 3905 N. Windsor, Apt. 2B, in Victoria, Texas. Lt. Baker is serving in the U. S. Air Force.

Lt. and Mrs. CHARLES E. ALY, former Columbians, are the parents of a son, Kirkland Christopher, born last November in Victorville, Calif. Lt. Aly is stationed at George Air Force Base. Mrs. Aly was formerly DOMENICA ANTIMI.

BILLY G. BACKUES, BS Agr., U.S.A.F., is a maintenance officer and is stationed at Dover Air Force Base, Del. His address: 1607 Per. Maint. Sqdn., Box 319.

FRANK C. JURGENSMeyer, BS BA, is sales supervisor for the group division of Metropolitan Life Insurance Company, St. Louis area. Mr. and Mrs. Jurgensmeyer and daughter, Janie, 2, live at 235 St. Edward Lane, Florissant, Mo.

SHIRLEY ALICE BAILEY, BM, of Greenwood, Mo. is teaching fifth and sixth grades in Roswell, N. Mex. Miss Bailey lives at 306 W. Hendricks in Roswell. She reports that ROLLA HINKLE, BS BA, whose home town is Roswell, and Mrs. Hinkle, who was JULIE SCHAEFFER, BS Ed., are in Germany, where Lt. Hinkle is stationed with the U. S. Army.

ROGER GOODWIN, BJ, is a copywriter in the advertising department of the Gates Rubber Company in Denver. His address is Apt. 1, 455 E. Hampden Ave., Englewood, Colo. He is still single, and still convinced that Denver is the only place in the world to live.

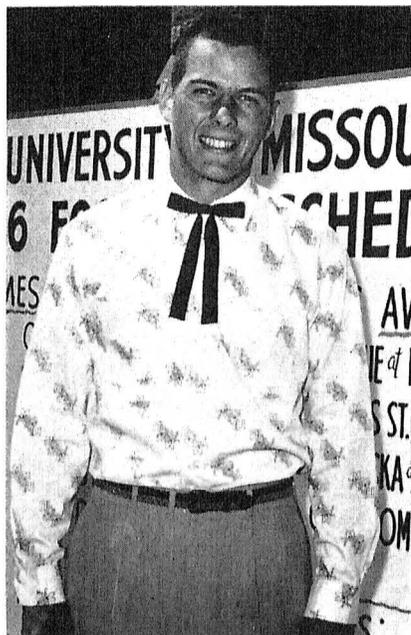
A son, Mark Edwin, was born January 30 to Mr. and Mrs. E. J. (Bud) WERNER, 446 Burns, Kirkwood, Mo. Mrs. Burns is the former JACKLYN MATTHEWS. Mr. Werner, '54, is zone manager, foods division, Procter & Gamble. The new arrival makes Dr. JACK MATTHEWS, Dean of Students, a grandfather for the first time.

Mr. and Mrs. MARSHALL D. La VINE, AB, recently returned to the University campus while on army leave, visiting relatives in Kansas City and in Wichita, Kan. Mrs. La Vine was formerly SHIRLEY SHEAR, BJ '56. They expect to be living at 126 Vallejo Circle, Columbia, S. C. until he completes army duty in October.

56 DIANA SHEFFIELD, BS Ed., is teaching sixth grade in the Longfellow School in Kansas City, Mo. Miss Sheffield lives with her parents at 1320 East 108th St., Kansas City.

JAMES DEANE PATTERSON, AB, is an assistant and graduate student in the department of physics at the University of Chicago. During the summer of 1956 he worked as an aerodynamic engineer in the Columbus, Ohio, plant of North American Aviation, Inc. He is living at 310 Chamberlin House, 1005 E. 60th St., Chicago 37, Ill.

It's Time to Order Your New M.U. Shirt



Now you can have an official M.U. shirt that is new, different and distinctive—sold only to M.U. Rooters and Alumni.

DICK STUBER models one of these eye-catching shirts. This attractive shirt comes with the popular button-down collar. The black Tigers and M. U. Lettering stand out individually on a gold background. This is a "gabby" shirt made from Dazzle—a Springmaid fabric that requires little or no ironing. It's Springmaid's lustrous wrinkle-resistant broadcloth with a long-lasting luxury finish.



It's the Official Travel Shirt for M.U. Athletes

YES, it's true—this shirt is being worn by Missouri Athletes as part of their traveling uniform. Issued by the Missouri Athletic Department and worn with black tie and dark flannel jackets, this shirt becomes an important part in making Missouri Athletes distinctive.

AND GIRLS, IT'S EASY TO WASH. You can wash by machine or hand. This shirt requires no starch—dry as you like—drip dry, spin dry, dry in automatic dryer. This shirt is "Springshrunk" with less than 1% shrinkage and wash fast colors.



Here's one for that future All-American or campus Queen.

Easy to order, too!

Just clip this coupon, enclose check or money order, and mail. We'll ship your order the same day it's received.

ADULT SIZE	\$6.95 plus tax
Name	
Street	
City and State	
Sizes 14-15½ 16-16½ 17-17½ Extra Large (circle size desired)	

JUVENILE SIZE	\$2.95 plus tax
Name	
Street	
City and State	
Sizes 4 6 8 10 12 14 (circle size desired)	

MISSOURI STORE CO.

909 Lowry, Columbia, Missouri

CLASS NOTES

BETTY NELSON, B.J., is editor of the Stephens College Alumnae News in Columbia. Miss Nelson, of La Plata, Mo., had attended Stephens College and had previously worked part time on the News.

LEROY H. (Bud) WILBERS, AB, is attending Cumberland University School of Law, Lebanon, Tenn. He was recently elected president of the junior class there, and expects to complete law school in December, 1957.

VAITHILINGAM RATHNASABAPATHY, Ph.D. represented the University of Missouri at the centenary celebration of the University of Madras in India on January 28-February 1.

WILLIAM L. MARSHALL, BS ME, is an assistant engineer in the Electronic Tube Research and Advanced Development Engineering Department of Sperry Gyroscope Company in Great Neck, N. Y.

NANCY CHENOWETH, BS, of Lathrop, Mo., is the home agricultural agent for Atchison County, Mo., with headquarters at Rockport, Mo. Miss Chenoweth has been assistant agent in Chariton County at Keytesville, Mo.

WEDDINGS

46

Miss Sandra Jean Strauss of Los Angeles, Calif., and RICHARD J. SCHLESINGER, M.ED., on December 23 in Los Angeles. They are living at 449 North Doheny Drive, Beverly Hills, Calif.

VIRGINIA LEE GNADT, BS Ed. of Desloge, and EDWARD LESLIE ROSENSTENGEL, BS Ed. '51, of Esther, on November 18 in Flat River, Mo. Both Mr. and Mrs. Rosenstengel are teaching in the Desloge High School, the former as band and music instructor, and the latter teaches French and social studies.

48

EMMERSON C. CHIASSON, AB, and JOHN G. KING, on December 24 in Columbia, Mo. Dr. Chiasson, who comes from Port Neches, Tex., is a practicing physician in Columbia. Mr. King is the owner of the John King Market on North Eighth St. in Columbia. They are living on Highway 63 South, RFD 1, Columbia.

49

Miss Irene Moore and HERSCHEL C. LYNCH, BS BA, both of Moberly, Mo., on January 19 in Moberly. They are living in St. Louis, where Mr. Lynch is employed by the Mercantile Trust Company there.



BETTY NELSON, '56

KARSA DREW LYNCH, BS Ed., formerly of Ethel, Mo., and Capt. Franklin B. Brigham, Jr., of Fresno, Calif., on January 26 in Ethel. Mrs. Brigham was formerly a hostess for Trans World Airlines, and has traveled widely through Europe, Mexico, Hawaii and the continental United States. Capt. Brigham is stationed at Hamilton Air Force Base in California. They are living at 1031 San Jose Blvd., Novato, Calif.

Miss Heidi E. Schoeck of Au, (St. Gallen) Switzerland, and RICHARD B. ELKIN, BS BA, on October 13 in St. Louis. Mr. Elkin is a claims adjuster for an independent insurance agency in Dallas, and they are living at 3709 Cole Ave., Apt. 1, Dallas, Tex.

51

Selina Vogt Breeden of Monett, Mo., and WALKER HARVEY CRAIG, Jr., BS Agr., of Crystal City, on December 30 in Crystal City. Mrs. Craig is a graduate of Southwest Missouri State College in Springfield and is currently the first grade teacher at Plymouth school in Monett. Mr. Craig is associated with Ozark Beauty Feeds in Monett, and for the past three years has been associated in an executive capacity with the Boy Scouts of America.

Miss Mary Lou Skeels, of Moorehead, Minn., and EDWARD B. EFFREIN, BS BA, Farmington, Mo., on January 19 in Moorehead. They are living in Chicago, where Mr. Effrein is affiliated with the W. W. Rice Co., insurance brokers.

52

MARILYN GADDIS and JAMES LEO ROSE, BS Agr., both of Fayette, Mo., on December 24 in Fayette. Mrs. Rose, who has also attended the University of Lyons in France and the University of

Southern California, is an instructor of romance languages at the University. Mr. Rose is engaged in farming near Fayette. Their Fayette address is 400 N. Church St.

Miss Carol Eileen Muench of St. Louis, and TERRILL RANDOLPH REES, Jr., B.J., on November 21 in Webster Groves. Mrs. Rees is a graduate of St. Louis University. She is now art director for Brown Shoe Company in Clayton. Mr. Rees is doing sales promotion of farm products for Monsanto Chemical Company. Their address is 3807 Haverhill Place, St. Louis.

KATHRYN DETRING, BS HE, MS '53, formerly of Libertyville, Mo., and Dr. BEDFORD FLOYD KNIPSCHILD, BS Med. '53, on December 31 in Bellingham, Wash., where Mrs. Knipschild has taught in the home economics department of Washington State College for the past three and one half years. They are living in Marshall, Mo., where Dr. Knipschild is located.

53

Miss Judith King of Savannah, Ga., and MAURICE RAY THOMASSON, AB '53, AM '54, of Columbia, on October 6 in Savannah, Ga. Mr. Thomasson is continuing his work toward a doctor's degree at the University of Wisconsin, and they are living at 918 S. Brooks in Madison.

Miss Dorothy Lee Dalton of Perryville, and WILLIAM D. RILEY, BS Agr., of Montgomery City, on November 24 in Perryville. Mrs. Riley is a graduate of Southeast Missouri State College. Mr. Riley is assistant agricultural agent of Montgomery County and they are living in Montgomery City, Mo.

Miss Jane Hope Chapin of San Angelo, Texas, and Lt. CHARLES JAMES LOGAN, BS Agr., on November 17 in San Angelo. Mrs. Logan is a graduate of Southwestern University, Georgetown, Tex. Lt. Logan is stationed at Goodfellow Air Force Base. They are living at 1319 Colorado St., San Angelo, Tex.

54

DORIS ELAINE HOBBS, AB, of Kansas City, and J. FRED KIRCHER III, of Harrisonville, on November 4 in Kansas City. They are living in Waterloo, Iowa, where Mr. Kircher is employed in the industrial engineering department of Rath Packing Co.

MARGARET MARIE DUERR, BS Ed., and ELMO ROBERT HARTNER, both of Clinton, Mo., on December 30 in Clinton. Mrs. Hartner has taught in the schools of Webster Groves, and is now teaching in the Oak Ridge School of the North Kansas City system. Mr. Hartner is employed by the Standard Oil Company in Kansas City. Their address is 606 E. 31st Ave., North Kansas City, Mo.

BETTY JANE BARNEY and MOR-TON E. MITCHELL, both of St. Louis, on December 9 in St. Louis, where they are making their home.

CAROL SUE IDOL, BJ, of Weston, Mo., and HALE LIVINGSTON MONTGOMERY, Jr., BS BA '50, formerly of New York, on January 5 in Kansas City. Mrs. Montgomery has been with a press bureau in San Francisco and in New Orleans before accepting an assignment in Topeka, Kan. Mr. Montgomery is head of the United Press bureau in Topeka, where they are making their home.

Miss Carol Wilkinson and HAROLD TURNER, BS BA, both of Belgrade, Mo., on December 30 in Caledonia. Mrs. Turner has been employed by the Bell Telephone Company in St. Louis. They are living in Belgrade, where Mr. Turner is associated with the local bank.

GAY LA CHAPELLE, AB, formerly of Webster Groves, Mo., and Donald F. Tanner in January in Denver, Colo. Mr. Tanner formerly lived in Jefferson City, but he is now associated with his father in business in Santa Barbara, Calif. Mr. and Mrs. Tanner are living at 488 James Road, Palo Alto, Calif.

Miss Paulette De Creuse, of Vittel, France, and Lt. GEORGE W. MAIZE, BS Agr., of Pattonsburg, on December 29 in Paris. Mrs. Maize has been employed at Druex Air Force Base, near Paris, where Lt. Maize has been stationed since February, 1956. They are residing near Druex A.F.B.

55

Miss Molly Louise Lucas of Jackson, Miss., and Lt. WILLIAM H. WHEELER, BS BA, of Sedalia, Mo., on December 15 in Jackson. The former Miss Lucas is a graduate of Mississippi State College, and has done graduate work at the University of Nebraska. Lt. Wheeler is stationed at Keesler Field, Biloxi, Miss., where they are living.

ERMA DEAN BURKHEAD, BS Ed., '55 and Lt. LOUIS PHILLIP MAY, Jr., AB '56, on November 24 in Columbia, Mo. Mrs. May received degrees from both the Southwest Baptist College and from Missouri University. Lt. May was commissioned by the Army Artillery and Guided Missile school at Fort Sill, Okla. They are now living in Lawton, Okla., where Lt. May is an instructor at the fort.

Miss Helen White of Columbia and Lt. DONALD A. TUTTLE, AB, of St. Louis, on August 9 in Japan. A civil ceremony in the American Embassy in Tokyo was held on August 9 and a religious ceremony on August 12 at the Post Chapel at Camp Sendai, Sendai, Japan. Lt. and Mrs. Tuttle are at home there, where he will be stationed until October, 1957.

Miss Joy Aline Abrams of St. Louis and SANFORD LEE ROBERTS, BS EE, on December 28 in St. Louis. Mrs. Roberts

is continuing her studies at Washington University and Mr. Roberts is associated with McDonnell Aircraft Corporation.

Miss Dorothy Louise Whilhite and JERRY HUDSON, AB, both of Milan, Mo., on December 9 in Milan. They are living at 312 E. 10th St. in Trenton, Mo., where Mr. Hudson is chemist for Trenton Foods, Inc.

MARGARET ALICE McCLELLAND, BS Nur., of Columbia, Mo., and William Henry Cooper last August in Denver, Colo. Mrs. Cooper is now employed as a registered nurse in Denver, and Mr. Cooper is a student in the Extension Division of the University of Colorado, while working for the Western Electric Company of Denver. They are living at 2310 Jamaica, Aurora, Colorado.

Miss Adelaide Lucille Miller and Lt. EDWARD ALLAN SETZLER, Jr., both of Kansas City, last July in Kansas City. Lt. Setzler is stationed at Gary Air Force Base and they are living in Gary, Texas.

MARJORIE ELLEN COLEMAN of Columbia, Mo., and Paul Straughn of Vaughn, New Mex., on December 20. They are living in Vaughn.

Miss Anne Avilla Hersey of San Carlos, Calif., and Lt. DONALD L. HOUCK, BS EE, of Normandy, Mo., on December 29 in San Francisco. Mrs. Houck is a graduate of Stephens College in Columbia. They are living near Camp Carson, Colo., where Lt. Houck is stationed.

JANE FAUROT, BJ, and RICHARD T. HAZELL, BS ChE '57, both of Columbia, Mo., on February 2, 1957 in Columbia, Mo. Mrs. Hazell has been employed by Better Homes and Gardens magazine in Des Moines since her graduation. Mr. Hazell has been employed by Magnolia Oil Company and they were living in Duncan, Okla., until sometime in March, when he will enter service at Fort Sill, Okla.

56

Miss Joanne Rainer of Moberly, Mo., and BOB HAYES DIXSON, BJ, also of Moberly, on November 24. Mr. Dixson, formerly sportscaster and newsman for radio station KHMO in Hannibal, is now on army duty. Mrs. Dixson is secretary to the division freight and passenger agent of the Wabash in Moberly. Their Moberly address is 843 W. Coates.

NANCY JANE WOODS, BS HE, of Columbia, and BILL WICKERSHAM, BS Ed. '55, of St. Joseph, Mo., last September in Columbia, Mo. They are living at Ft. Lee, Va., where Mr. Wickersham is stationed.

MARY BYRD BLOOM, BS Ed., of Fayette, and MONTE BO BRUMMALL of Salisbury, Mo., on August 31 in Fayette. They are living at 506 Maple in Columbia while Mr. Brummall continues his work in Journalism school.

BETTY HAYS, BS Ed., of Boonville, Mo., and Paul Adams of Lesterville, Mo.,

on December 15 in Boonville. Mrs. Adams is teaching physical education at the Fulton High School, and Mr. Adams is completing his senior year at Southeast Missouri State College, after which he plans to begin his coaching career.

SANDRA RYAN, BS BA, formerly of Warsaw, Mo., and JAMES H. McLARNEY, BS Agr. '55, on December 15 in Sedalia, Mo. They have gone to Okinawa to live, where Lt. McLarney is stationed with the Air Force.

KATHRYN HULETT, BS Ed., of Columbia, and CHARLES H. BURLISON, BS Agr. '54, on December 28 in Ottumwa, Iowa. Mr. Burlison is enrolled in the graduate school at the University, and they are living in Columbia.

JANET GAYLE EGELHOFF, AB, of Jerseyville, Ill., and JAMES BRUCE SEATON, of Lexington, Mo., on November 23 in Columbia. Mrs. Seaton, who is also a graduate of William Woods College in Fulton, is working toward her master's degree and is an instructor in economics at the University. Mr. Seaton, graduate of Central Missouri State, is teaching chemistry and physics at Hickman High in Columbia, and is doing research work toward his doctorate in chemistry at the University. They are living at 1501 Bass in Columbia.

Miss Lenore Jean Read, of Osceola, Mo., and WILLIAM P. WAITE, BS EE, of Vista, on December 22 in Osceola. They are living in Kansas City, Mo., at 4007 Holmes.

SARA LOU MILLER, BS, of Tarkio, Mo., and PAUL GUM JOHNSON, of West Plains, on December 6 in Tarkio. Mr. Johnson attended the University, but received his bachelor's degree from Drury College in Springfield, Mo. They are living at 1019 Woodland in West Plains, Mo.

Miss Sandra Jean Agostini of Berkeley, Calif., and CHARLES W. (Chuck) DENNY of Fayette, Mo., on December 22 in Berkeley. Mrs. Denny attended Stephens College in Columbia, and is the daughter of Mrs. John V. Arbios, who was EVELYN M. CASADY, AB '26. Mr. Denny is continuing his work toward a law degree at the University and is coaching freshman basketball.

LYNNE BEAM, BS Ed., and PAUL SULLIVAN, both of Mexico, Mo., on December 22 in Mexico. Mrs. Sullivan is teaching in the Mexico High School and Mr. Sullivan is continuing his studies at the University. They live in Mexico.

JANE LOUISE KEETER AND JACK NORVEL M. DALE, BS BA, both of Joplin, Mo., on December 23 in Joplin. Mrs. Dale is finishing her work for a degree in February at the University, after which she will join Lt. Dale in Texas, where he is stationed at Moore Air Force Base, Mission, Tex.

MARIWYN DWYER, BJ, of Mexico, Mo., and EUGENE R. HEATH of Duluth, Minn., last September in Mexico.

Mr. Heath is an instructor in physics at the University and is continuing his work for a Ph.D. degree in physics.

JOYCE WEECE, BJ, of Grand Chain, Ill., and DONALD K. WOOLLEY, BJ, of North Plainfield, N. J., on November 24 in Grand Chain. Mr. Woolley is editor of the Quarryville Sun, Quarryville, Pa.

JANE DACHROEDEN and RONALD JACK EHRLE, AB, on December 21 in St. Louis, Mo. They are living at Quantico, Va., where Lt. Ehrle is stationed.

Miss Nancy Abbott Crum, of Piedmont, Calif., and JIMMIE LEE McCARTY, BS CE, of Peoria, Ill., recently in Piedmont. She is a graduate of the University of California and majored in physical therapy at the U. C. Medical Center. Mr. McCarty is associated with Caterpillar Tractor Company as technical engineer, and they are living in Peoria, Ill.

CAROLYN MARIE McGHEE, BS BA, of Piedmont, Mo., and Don J. Polk of Silva, Mo., on December 29 in Piedmont, where they are making their home. Mr. Polk recently was discharged from the Armed Forces, with which he has served the past three years.

HELEN LOUISE THAYER, BS Ed., of Kirkwood, and ROBERT JOSEPH BOGGS, St. Louis, on December 22 in Kirkwood. Mr. Boggs plans to return to the University to complete his work for a degree.

Miss Helen Morris Johnson, of South Sudbury, Mass., and DAVID J. LOSCHKY, AB, St. Louis, on December 29 in South Sudbury. Mr. Loschky is currently enrolled in the Harvard University graduate school.

NANCY LEE RUSH, Carthage, Mo., and Lt. HARRY W. KIRKPATRICK, BS BA, of St. Louis, on January 19 in Carthage. They are living near Fort Sill, Okla., where Lt. Kirkpatrick is stationed.

Miss Barbara McFerron of Ste. Genevieve, Mo., and JAMES RALL ROBERTS, BS Ed., of Farmington, on January 26 in Ste. Genevieve. Mr. Roberts has been associated with his father in the management of the Midwest Broadcasting System, but went to Fort Sill early in March, where he entered service and accepted his commission.

JACQUELINE LOWRY, AB, of Mexico, Mo., and CHARLES E. BURCHFIELD, BS BA '54, of Columbia, on January 31 in Mexico. Mrs. Burchfield is employed in the Department of Public Works for the city of Columbia, and Mr. Burchfield is with the MFA Mutual Insurance Company. They are living in Columbia, Mo.

Lois Hartnagel of St. Louis and Second Lt. GODFREY ROBERT STANDING of Springfield, Mo. on Feb. 16 at the Union Methodist Church in St. Louis. She is a senior in the University School of Jour-

nalism. Lt. Standing, who was graduated with a degree in business administration, is serving in the United States Air Force. They will make their home in Wichita Falls, Tex.

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MARCELLINE LONG, BS Ed., of Warren, Ohio, and FRANKLIN D. SULLIVAN of California, Mo., on February 1 in Columbia. They are living at 119 North Greenwood in Columbia while Mr. Sullivan completes his work at the University.

NOREEN LOUISE TALCOTT, formerly of Independence, Mo., and JOHN M. LYNN, St. Louis, on December 22 in Washington, D. C. Mrs. Lynn has been employed at the Pentagon in Washington. Mr. Lynn is a senior in B&PA at the University, and they are living at the Sanford Apartments, 501 Turner, in Columbia.

In Memoriam

Miss Estelle Hickok, secretary to seven presidents of the University, died on February 9 in Fayette, Mo. Born in 1872, Miss Hickok came to Columbia in 1901 from St. Louis and began work at the University. In 1907 she became a stenographer under President Richard Henry Jesse, and was appointed secretary in 1920. She retired in 1944. Several of her articles dealing with the history of the University have appeared in the *Alumnus*.

MARTIN J. OSTERGARD, '97, on January 29 in Kansas City, Mo. Mr. Ostergard practiced law in Kansas City until his retirement about five years ago. Surviving are a daughter, Mrs. Marianne Holman, 7725 East Fifty-fifth, and two grandchildren.

CHARLES W. BENTE, LLB '98, on January 20 in Sedalia, Mo., following a long illness. Mr. Bente had taught school in Pettis and Cooper County, served for 10 years as police judge of Sedalia, had practiced law with the firm of Bente and Wilson in Sedalia. He also had served with the claims department as agent for the MKT railroad. A sister, Miss Minnie E. Bente of the home in Sedalia, survives.

Mrs. J. E. Sykes, formerly LILY JOHNSON, '98, on January 21 in Oconomowoc, Wis. Mrs. Sykes was engaged in business here at Ninth and Broadway for many years, and had stores at Blytheville, Ark., and Poplar Bluff also. Their home in Columbia was on Rollins Street, and many students knew her affectionately as "Aunt Lil." Survivors are one daughter, Mrs. Jay Younglove, Evanston, Ill., and one son, John E. Sykes, Jr., of Oconomowoc.

ALVA C. DOLL, LLB '04, native of Hamilton, Mo., on January 16 in Long Beach, Calif. Mr. Doll had practiced law and engaged in the investment business in Coos Bay, Ore., and in Long Beach, Calif. He lettered in football at the University in 1902 and '03. He was a brother of ERNEST F. DOLL, LLB '09, deceased; and an uncle of PAUL N. DOLL, BS AgE '37, '38, MS AgE '37, '38, 933 Moreau Drive, Jefferson City, Mo. He is survived by his wife, the former Myrtle Baldwin, and a brother, both of Long Beach, Calif.



MANUEL GAYMAN DRUMM, BS Agr. '15, on February 5 in Tucson, Ariz., while visiting, with Mrs. Drumm, at the home of their daughter, Mrs. Robert Blauw. Mr. Drumm, operator of the Drumm hatchery at Chillicothe, Mo., taught school and coached at Morris, Ill., and at Shelbina and Cape Girardeau in Missouri before going to Chillicothe in 1925. He was the first vocational agriculture teacher in Missouri under the Smith-Cotton act. Last year Mr. Drumm completed 25 years as a member and president of the city's park board, now the Park and Airport board. He is survived by his wife; his daughter, Mrs. Blauw; three grand children; three brothers and five sisters.

G. G. McCAUSTLAND, BS Eng. '16, CE '17, on January 18 at his home in Kansas City, Mo. Mr. McCaustland was city zoning and land planning engineer of Kansas City. He is survived by his wife and a son, Dan, a student at Yale University.

Mrs. John Siegler, formerly ADELE HACKMAN, '18, of Normandy, Mo., at her home at 7732 Augusta Ave. Mrs. Siegler was engaged in social work in St. Louis for a number of years. Mr. Siegler survives, also two sons of St. Louis County.

DONALD E. WILLIAMS, AB '25, LLB '27, on November 27, 1956, in Alliance, Nebr. Mr. Williams was a member of the law firm, Gantz, Williams & Hein, of Alliance. Mrs. Williams was the former MARGARET J. REMUS, AB '25.

MINNIE D. CUSTIS, AB '32, retired teacher, on January 28 in Carthage, Mo. Miss Custis, who served in the Carthage, Kansas City and Webb City schools, was born in Ohio, and moved with her family to Missouri in 1898. She began her career as a teacher in the rural schools of Jasper County, and retired in 1947, because of her health, to the family home at 1037 South McGregor in Carthage. A brother, Col. Arthur B. Custis, of Hillside, Ariz., and several nieces and nephews survive.



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DIAGNOSIS:

knife wound in the heart



UNDER THE blazing blue sledge hammer of a Chicago heat wave, the cramped, makeshift operating room shimmered like an oven, reeking of ether and carbolic. Six sweat-drenched, frock-coated doctors huddled in fascination, watching deft hands reach into a human chest and expertly stitch up a wound in the redness of a pulsing heart.

Would he live? The surgeon mopped his brow and hoped. The year was 1893; the operation, fantastic.

Live? Yes, he would live for many more years, thanks to the skill and courage of Dr. Daniel Hale Williams.

Abandoned as a child, Williams, a Negro, had struggled hard for his medical education. Now only 37, he had already founded America's first interracial hospital, Provident. And here he had just performed the first of the pioneering operations that would mark him as one of our country's great surgeons.

Sensitive and brave, Daniel Hale Williams was blessed with an abundance of the same urge to help his fellow man that binds and strengthens Americans today.

And it is these strong, unified Americans who are our country's real wealth—the real backing behind our nation's Savings Bonds. In fact, they're the true reason why U. S. Savings Bonds are considered one of the world's finest, safest investments.

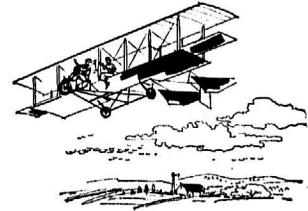
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The bride wore goggles



ON OCTOBER 26, 1912, an ungainly biplane swooped into a Michigan pasture like an overfed duck and promptly nosed over on its back. Its contents proved to be a teen-age couple who got married as soon as they regained consciousness.

This was the world's first aerial elopement.

Art Smith, the groom, happened to have one of the country's few flying machines because he had built it, with his own hands, at age 15. And his parents had mortgaged their home to finance him. Their pride helped carry him through years of failure to soaring success as a famous early stunt flyer.

But he didn't remain a barnstormer long. In 1917 his pioneering skill was needed to train our World War I pilots. Then came America's first air-mail service. And again, Art helped break the way—though it eventually cost him his life.

As American as Tom Swift, Art Smith was the farseeing and confident son of a country that has always produced far more than her share of sure-footed visionaries. That's a good thing to know, especially if you've been putting some money into this country's Savings Bonds.

U. S. Savings Bonds aren't backed by gold or silver alone. They are backed by the character and abilities of 165 million Americans. That's why they're one of the world's greatest investments. Buy them regularly—and hold on to them!

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