

MISSOURI ALUMNUS

December 1960



CONTENTS

Degrees to Governors, 1
M.U. Honors Program, 2
Educational TV, 6
Third FOI Conference, 10
Alumni Citations, 12
University Singers, 14
With the Alumni, 16
Class Notes, 22
Obituaries, 32

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About the cover: University Photographer Tau chose snow time for this interesting view of the President's House on Francis Quadrangle.

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Briefs by Bus

Well, the University of Kansas, with its Burt Coan incident, has really stirred up a whole potful of bad feelings between the University of Kansas and the University of Missouri. Some of you will say, "What's so new about that—relations have never been very good between the two schools." This is not true. There is a world of difference between good, healthy competition as contrasted to prejudices, disgust or hate. It seems that in some way, somehow, some K. U. supporters have the impression that the University of Missouri is responsible for taking the initiative in the Burt Coan case and determining that the matter would be brought up before the faculty committee, this leading eventually to the declaration of Coan's ineligibility, the forfeiture of two games by Kansas and giving the conference football championship to the University of Missouri.

There is great resentment on the part of K. U. alumni and friends, and if there were truth in their impression about Missouri they might be justified in feeling the way they do, but it simply is not true.

Of course, the "fall guy" in this whole incident is Missouri's Athletic Director, Don Faurot. As all of us know, Don has built a reputation for complete integrity in the matter of institutional recruitment and athletic policy, and other persons in the conference have little love for some of his actions anyway; consequently, he has unfortunately become a symbol of hate to many K. U. followers.

Faurot's mail during the past couple of weeks, as well as his telephone, have brought many threats ranging from simple accusations and name-calls clear up to threats of harm to his and his family's lives if they ever dare appear in public again. These threats—always anonymous, of course—assuredly come from the lunatic fringe; they do not reflect the viewpoint of intelligent K. U. supporters.

As further evidence that this is not a local situation, a letter to our office from a very good friend in Wichita tells a similar story. Because he is an active Missouri alumnus and lives in Wichita, his telephone has brought wild insinuations. Not only is this naturally disturbing, but it is frustrating, too, when you consider how uncalled for it is and, at least in this particular instance, how misrepresented some of the facts are.

Let's look at some of the facts and discuss the matter. To review for those of you who may not quite be with us, you will recall that the NCAA placed the University of Kansas on probation for what they declared was illegal recruitment of a prospective athlete. Some weeks after that the Big Eight Conference officials at a regularly scheduled meeting declared that since the NCAA had taken the action and had determined guilt according to the conference rules the individual involved in the incident was to be declared ineligible at the University of Kansas. In the meantime K. U. had used this athlete, therefore, the conference caused the forfeiture of two games and this is the essence of our discussion here.

Let's start by making it perfectly clear that it is not our purpose to decide whether the NCAA was right or wrong. Not knowing the facts of the case, the only thing we can do is admit that whether it was right or wrong the NCAA did declare K. U. ineligible over the recruitment of Burt Coan. Once this was done, it then became a matter for the conference officials since there are overlapping rules and regulations with the Big Eight Conference and NCAA rules. Section XIV in the "Big Eight Conference Rules and Regulations of 1960" entitled "Principles Governing Recruiting" says in paragraph F: "Off-campus trips for prospective students may not be provided or arranged for by a member school, its alumni, or by any other means."

Continued on page 19



Seated: Former Governors Forest C. Donnell, Henry S. Caulfield, Lloyd C. Stark. Standing: Former Governor Phil M. Donnelly, Governor-elect John M. Dalton, Governor James T. Blair, and Former Governor Forrest Smith.

University honors Missouri governors

The University awarded honorary doctorate degrees to the six living Missouri governors at public ceremonies in Jesse Auditorium on December 3. The University also honored eight former governors, now dead, by dedicating men's residence halls in their names. The president of the Board of Curators, James A. Finch, Jr., officially dedicated the four buildings, each bearing the names of two governors, as well as a men's dining hall, three residence halls and a dining hall for women.

University President Elmer Ellis conferred the degrees of Doctor of Laws, *honoris causa*, upon Governor James T. Blair, Jr., who took office in January, 1957; and former governors Forrest Smith (1949-1953), Phil M. Donnelly (1945-49, 1953-57), Forrest C. Donnell (1941-45), Lloyd C. Stark (1937-41), and Henry S. Caulfield (1929-33). They were cited for outstanding contributions to education in Missouri, and for exceptional achievement contributing to the welfare of the State and the Nation. Caulfield, as governor, appointed the Commission which produced the searching survey and report on Education in Missouri; during Stark's administration the first University retirement system was inaugurated; Donnell, first alumnus of the University to become governor, was a staunch supporter of all education; Donnelly is one of the few men to hold the office twice, and much of the post-war building program, including the Second Building Bond Issue, came during his terms; Smith signed the appropriation bill which provided \$13,500,000 to build the new Medical Center; Blair, a former student in the University, has been a strong supporter of plans and programs to improve higher education in Missouri.

Two University alumni gave addresses at the cer-

emonies. Governor-elect John M. Dalton, who has been Missouri's attorney general, spoke on "Governors of Missouri," and Mr. Finch spoke on "Student Housing at the University."

Mr. Dalton cited the close link of Missouri's governors of the past with the needs for education in the state and paid tribute to them as sincere, dedicated public officials who have earned commendation and a place in the history of the State. The honor accorded the six governors, he said, "is justly due them not only because of their overall and general accomplishments as governors of this great state, but because of their intense devotion to the cause of education.

"Missouri is a great state from various viewpoints and I think one of the major ones is that its governors have been vitally interested in education, in improving our schools and working for higher educational standards." Mr. Dalton cited the records of many of Missouri's 43 past governors who through the years have made important contributions to the state's educational progress.

Mr. Finch said he believed the saturation point has been reached in the number of University students who will be housed in private housing in Columbia, "and that the growth of the University in the years ahead is tied directly to what we do in providing housing for additional students."

In evaluating the need for additional University housing facilities for students desiring to enroll in the future, Mr. Finch pointed out that one projection of enrollment is that "whereas we have a little over 11,000 students on the Columbia campus this fall, the number here will be a minimum of 18,000

Continued on page 20



Honors Program at M.U.

By R. E. McGrew

THOSE WHO VISIT THE University of Missouri today are struck by the impressive evidences of physical growth. The University building program has already added several completed structures and more are in preparation, the campus is alive and moving, and the clatter of construction fills the air. Missouri clearly is growing at a rapid rate, and even as the physical plant expands, the student body is growing. Physical evidence of growth, however, is only one index of Missouri's progress, for in the last analysis a school is only as alive as its educational philosophy, only as vital as its intellectual leadership. No university can remain static, for education must move with society's changing needs, and the policies and programs of yesterday must be constantly tested against today's realities and tomorrow's requirements. Contemporary higher education faces a massive double challenge: to meet and accommodate a tidal wave of students, and at the same time to maintain and advance the highest possible intellectual standards. The building program is solid evidence that Missouri is meeting the first issue. The establishment of a formal Honors Program is equally substantial, though less immediately obvious, evidence that Missouri is also grappling with the second challenge.

In the spring of 1959 the faculty of the College of Arts and Science formally approved the establishment of a special program for gifted students. Prior to 1959 the University had taken tentative steps toward such a program, and for many years advanced placement through testing, special sections in underclass survey courses, and departmental distinction programs offered special opportunities to high ability students. These programs, however, lacked integration and at the most provided a beginning point for attacking a crucial problem. Rising enrollments, coupled with increased demands for highly trained college graduates, have forced universities all across the country to recognize the need for high ability student programs to avoid losing gifted students in the new enrollment rush and thus dissipating or misusing important reservoirs of talent. This realization has been driven home by the growing awareness that in our world knowledge, both scientific and humanistic, is a large part of national power, and that a failure in higher education to develop the nation's intellectual resources could well mean a national tragedy. This danger has been aggravated by widespread student apathy and the apparent refusal to attach serious importance to academic work and cultural values. All these were

immediate and pressing reasons for developing a program to provide the special training that special talent deserves and that the nation needs, to reaffirm intellectual and cultural values, to call attention to intellect, and to stimulate enthusiasm for academic performance. And these were the needs which fostered the faculty's decision and provided the impetus for the Honors Program.

Faculty action was preceded by a long period of study and evaluation. The Committee on Education of the Superior Student, formerly the Committee on Distinction and now the Honors Council, began to consider an Honors Program in 1956. Between 1956 and 1959 this Committee not only analyzed and weighed the questions which Missouri's particular situation raised but surveyed programs at other universities which were to deal with the same general problems. The Committee soon discovered that to enunciate an educational principle is relatively simple, but to implement it without destroying it is a difficult and complicated task. Yet it was the latter job that the Committee with the full support of Dean W. Francis English of the College of Arts and Science undertook. Progress was necessarily slow, and each step of the program was subjected to searching criticism. The Committee developed and rejected several plans before the outlines of the present program actually appeared, and when the Committee finally presented its findings to the faculty, further changes were suggested and incorporated. The plan which emerged, which was approved, and which now is being implemented, was hammered out with all due care and with the full realization of the many responsibilities which a university must carry.

THE PLAN OUTLINED BELOW is substantially that which was presented to the faculty in 1959, but there has been one important addition. During 1959-1960 the Ford Foundation declared itself interested in forwarding specialized training for qualified students during their junior and senior years and the first year of graduate study. The Foundation's intent was to meet the growing need for college level instructors by strengthening the traditional Master of Arts program and reviving the Master's degree as a college teaching degree. The Foundation's plan, the so-called Three Year Master's Program, emphasized intensive work in disciplinary specialties, language preparation to meet



present doctoral requirements, and training and experience in teaching. The Foundation and the University discovered a mutual interest, and in the spring of 1960 both the Arts faculty and the Graduate faculty voted to accept the Three Year Master's Program and the financial support with which the Foundation was willing to back it. This program in turn became part of the Honors Program at the University.

The Honors Program as it is presently constituted is a part of the College of Arts and Science and is not a separate institution within the University. It provides work on each level of the four year undergraduate program and extends into the first year of graduate study. The first important phase of the program, however, is administrative rather than curricular. For the Honors Program to be successful, potential Honors candidates must be identified as early in their academic careers as possible, and thus all applicants for freshman admission are closely screened. This screening is a necessary part of the University's total admission and enrollment procedure, but it has a special meaning for the Honors Program. Batteries

of tests determine students' aptitudes, strengths, and weaknesses, and the results of those tests are compared with each student's high school record. Personal interviews add a further dimension to test information and high school records, and on the basis of this whole body of data those who appear to have special ability are identified and declared eligible for admission to the underclass phase of the Honors Program. It should be emphasized that only eligibility is determined at this stage, and as is true throughout the program, entrance into Honors is purely voluntary.

A potential Honors student usually makes his initial registration through the Dean's Office, but during his first semester he is assigned to a special adviser whose primary job is to advise Honors students. The Honors adviser is a key figure in the program, and on his shoulders rests the heavy responsibility of directing the student into the program best suited to his needs. The Honors advisers are carefully chosen for their interest in the Honors Program and for their willingness to work with both underclass and upper-



class advisees, and during the first two years it is they who literally hold the program together.

A student once admitted to Honors must maintain an over-all B average to remain eligible for Honors work, while approximately half of his underclass program should be in designated Honors courses. Honors students are expected to fulfill all the general education requirements for graduation, and as a result the bulk of the Honors work an underclassman does comes in special sections of introductory courses and special Honors courses in the requirement areas. On the surface his program will look much like any other freshman-sophomore program, but this surface impression is misleading. The special sections and special courses are geared to a more sophisticated approach designed to challenge gifted students' intellectual capacity. This is not just a matter of reading two books instead of one, but rather is an effort to introduce more advanced concepts and more searching appraisals. This means further that the success or failure of the underclass program will be directly proportionate to the effectiveness of the instructor, and every

effort is made not only to collect bright, interested students, but to confront them with instructors who are both highly competent and deeply interested. Where this happy combination has been achieved, the results have been immensely gratifying to faculty and student alike.

THE UNDERCLASS HONORS PROGRAM is a general program, but in the second semester of the sophomore year the student elects his area of concentration and moves into the next phase of the program, Departmental Honors. The goal of each Departmental Honors program is to provide intensive training in a particular field which will carry the student beyond the general upperclass level of learning and accomplishment. In the History department, for example, the Departmental Honors program means twelve semester hours of specialized work spread over the junior and senior years. In the junior year the Honors candidate takes the Honors Pro-Seminar for three hours each semester. This is a course designed to introduce

Continued on page 33



Photos by William E. Mackie

Education goes 'on camera'

By Arthur B. Pine

TELEVISION IS TAKING UP A GROWING AMOUNT of students' time at the University—and if present plans are carried out, Missouri students will be watching more and more TV each year. The reason is not that the modern generation has become addicted to TV Westerns, but rather that the University has decided to make use of television to help solve the problem of "teacher shortage."

Way ahead of the rest of the nation's colleges in the use of instructional television, the University this year is beginning to put 11 of its courses on magnetic TV tape. The new plan was given national recognition and financial aid this past August when the Ford Foundation granted the University \$90,000 to pay the salaries of those professors who would be on leave in order to "tape" their courses.

Using its closed-circuit television station in Jesse Hall, KMIT-TV, the University can "play back" taped courses on special television sets in several small classrooms at a time. By watching their professors on television, in smaller classrooms, students can avoid the sluggish "large lecture-hall effect" now so familiar in courses where as many as 500 students attend a single class. But more important, perhaps, from an administrative viewpoint, is that a professor whose economics course is put on magnetic tape is free to teach business law to another class while his economics class watches him on "taped" TV.

Besides enabling professors to "spread themselves" over a larger group of classes, instructional television also insures a standard quality in teaching. Class sections now are divided among both good and mediocre instructors who are themselves pre-doctoral students. With television, both the pre-doctoral class instructor and his undergraduate students can benefit from watching a full professor lecture. Television taped shows can be used in a variety of other ways—for example, to televise demonstrations of surgery to students in the School of Medicine. Small groups of medical students watching TV sets can get a better view of an operation than if the entire group tried to crowd around the patient.

In charge of tuning the entire TV program to the University's needs—adjusting the bad and focussing on the good—is Dr. Barton Griffith, a young, almost-lanky Kansan who has had extensive experience in teaching by television at the National Educational Television and Radio Center at Ann Arbor, Mich., an independent agency of the Ford Foundation.

Since the fall of 1957, Griffith has spent his mornings and spare time supervising KMIT-TV under the guidance of Dean Thomas A. Brady, dean of extra-curricular administration. In the afternoons, Griffith teaches as an assistant professor of speech.

Realistic and self-critical of everything done at KMIT, Griffith thinks instructional television should

be planned carefully and expanded moderately. Mistakes in television are expensive. So is poor equipment. Since KMIT began in December, 1958, Brady and Griffith have added equipment steadily, but slowly. Even though only top-grade equipment was bought, KMIT today requires more than 10 hours' maintenance each week. But it has "lost" only 30 seconds' worth of one tape due to technical troubles.

"Fortunately," Griffith says, "we've been allowed to grow gracefully. Television itself is neither good nor bad; it's as neutral as that ash tray. You can make it work very well or make it a flop. We had no precedents to go by, since no other school in the country has experimented with instructional TV to this extent. We really didn't know how to make this work at Missouri even though we had traveled around observing what little had been done in other areas.

"But every kid grows up differently," he says. "In other terms, we've been rather permissive in bringing up KMIT at Missouri, it's precisely like bringing up an adolescent—you have to let TV go in a certain direction for a while and then either correct it or encourage it. We've had our share of good and bad."

In the spring before a professor prepares his course for TV taping, he meets with Griffith and the KMIT staff for general planning. Then, meeting with a staff producer two or three times a week, the professor makes plans to adapt his course for television presentation. Together, teacher and staff make elaborate plans for every second of TV time. For a three-hour course, there is a maximum of 33 taped lectures, 15 "live" periods. For a five-hour course, there are 47 taped, 30 "live." A special TV syllabus is printed for students.

With the aid of a special handbook on TV techniques, lecture notes from his regular class sessions and the producer assigned to work with him, the professor completes scripts for the first four weeks of lectures by the beginning of the next September. Besides motion picture and slide projectors, KMIT employs a graphic arts department to provide additional visual aids. For the fall semester, the professor uses his television script and techniques to teach a regular class, without TV. Then, in the winter semester, he lectures in front of a television camera which records his class on magnetic tape. Once the lecture is on tape, it may be "re-played" to any number of classes not only at the University, but at other schools and colleges. The University some day will have built a library of magnetic tape from which any school in the state may borrow. With this system in operation, students throughout the state in junior colleges will be able to listen to one of the University's top-ranking professors.

Although the professor must adapt his course to television techniques, there are no KMIT rules about using make-up or wearing expensive suits for television appearance. The professor is boss.

"We know that students can't help but compare us with 'Wagon Train' or some other commercial tele-

vision show," Griffith says, "but our only hope is to try to re-condition them. We're content-oriented. Our object is to instruct—not to entertain. There's no need to make a matinee idol out of a college professor. Nobody tells him what to say or how to talk. We're television producers and he's a professor. We both try to help each other, not take over each others' job." When he tapes his course, a professor is released from all his other University work—except, of course, extra committee work.

For the students watching the professors on television, there's "no significant difference in terms of achievement" between TV lectures and those in large lecture-halls, Griffith says. "Of course, there's always the lack of personal contact when you use TV," he says, "but do you have any more personal contact in a lecture-hall seating 600 students?"

"Don't compare us with small classes at the University. Television is meant to replace the large classes only. We think a small class where the professor can teach 10 to 15 students personally is the ideal situation. But especially in freshman and sophomore courses, growing enrollment is making the small class an impossibility. Television provides some sort of relief for this.

"TV won't save the University money. But it will help maintain academic quality. With our present shortage of competent teachers, taped lectures seem to be our best solution." With that in mind, the University has provided more than \$30,000 to equip its now-being-built Arts and Science Building with conduits to house closed-circuit television cables. Someday, with each classroom equipped with a television set, several classrooms can watch the same professor: Perhaps English Life & Literature will be televised on the first floor, American Government on the second floor, Economics on the third and a history course on the fourth floor. But that will take another few years and about \$100,000, eventually.

TODAY, INSTRUCTIONAL TELEVISION at Missouri is limited to the top floor of Jesse Hall, which has been converted for KMIT's use since it was vacated by the Art Department this summer. Under Griffith's jurisdiction are a studio, control room, TV shop, tape room, graphic arts and administrative offices and seven classrooms. Another classroom, on the third floor, is the start of KMIT's move to that floor when the history and language arts departments are re-located in the new Arts and Science Building.

Every day, students pour into the classrooms, sit at regular desk-chairs and turn their eyes toward a 21-inch television set near a corner of the room. After the first few sessions of class they find TV "just like a regular lecture." There's little difference in their attitudes with television: Those who are alert in a regular class are alert while watching TV lecturers. Some would fall asleep in the middle of a Fourth-of-July celebration. Disciplinary problems are as in-

Continued on page 9



Taping of the Dan Devine (center) program with Tom Ferrall.



No "live" professor in this TV classroom, but the screen obviously holds attention of the students.

Educational TV

continued from page 7

frequent as in a non-TV classroom. With the present equipment, there are about 35 students in each of the classrooms. While half the classrooms watch taped lectures, the other half can look at live telecasts from the KMIT studio.

Television, however, offers some techniques that even the regular classroom can't give. In one course, an American Government professor had been trying to explain the balance-of-power concept to classes for five years, but always thought he hadn't quite gotten it across. For the TV tape, KMIT graphic artists developed a 45-second film to replace the professor's half-hour explanation: Letters danced out on opposite ends of a fulcrum, representing the world powers balancing each other. The professor was amazed. "I wish I could have done that years ago," he said. But the TV film, which works well for taped productions, is not feasible for non-televised classes. At a cost of \$20 for a 45-second film, the technique becomes economical only in television, where the same tape can be used for many years.

A pre-doctoral instructor monitors the class and takes attendance. He also learns by observing the techniques of the professor on TV. Frequently the tape will end a few minutes early so the instructor may answer questions that arise. As TV techniques become more effective in future years, perhaps an undergraduate "honors" program student may monitor the class instead of an instructor, Griffith says.

The television sets in the classrooms give an unusually clear picture, Griffith says, because they're specially designed for use in studios. "They cost about twice as much as a home set," he says, "but they give a better-quality video presentation. We pipe in the audio portion through a hi-fidelity public address system."

In the KMIT tape room, a recording device that looks like a huge tape-recorder begins spinning large reels of dark brown 2-inch-wide tape. Although the tape is only 1/1000 of an inch thick, it is a record of both the picture and sound of each TV lecture. A green line on an oscilloscope swishes like a rattlesnake and the electronic signal is transmitted to the classrooms. The tape machine is manned by a professional broadcast engineer.

In the room next door, KMIT producers and engineers are taping another series of lectures. Through the soundproof window can be seen the professor pointing to a neatly-lettered term on a flannel-board and two students operating small vidicon television cameras. The students are television majors from the speech department and the School of Journalism, which use KMIT to give their students practical training in television production.

THE STUDENT "CAMERAMEN," Griffith and his staff of four men and two women are continually busy taping new lectures and re-playing current ones for



Prof. Donald B. Clark

classes. Instructional television now is a very busy reality. But Griffith can remember when it was only an idea, a few years ago, when TV was to be talked of in terms of a decade away.

After KMIT-TV had begun operations, in December, 1959, Dean Thomas A. Brady attended a convention in St. Louis. Among the participants was James Armsey, assistant program director for the Ford Foundation's Fund for Advancement of Education. The two met between speeches and Brady's enthusiasm for Missouri's then-new closed-circuit station could not be restrained. Armsey liked Brady and liked the idea of instructional television.

A few weeks later, Armsey was Brady's guest at the University where the two toured the beginnings of the slowly-growing KMIT operation. He mentioned that the Ford Foundation had instituted a new program: It would give grants to university administrators for the purpose of paying the salaries of teachers put on leaves of absence to teach on television. The new plan, it was hoped, would bring about more interest in instructional TV throughout the nation.

Such an opportunity was just what Brady needed to make instructional television work. After Armsey flew back to report to the Ford Foundation, Brady summoned together all deans and top administrators at the University. The idea of releasing teachers from

Continued on page 35



Jacob Scher, foreground, professor of journalism at Northwestern University, discusses an information bill to be introduced in Congress by the House Subcommittee on Government Information of which he is special legal counsel. Others, left to right: William Bray, manager, Missouri Press Association; Guy Easterly, *Lafollette* (Tenn.) Press; Dean Earl English; Paul Fisher; Herbert Brucker, *Hartford* (Conn.) *Courant*; and Howard Bell, vice-president, National Association of Broadcasters.

The third freedom of information conference

The School of Journalism's Freedom of Information Center held its third annual Freedom of Information Conference on the University campus Nov. 17-18.

Appearing as speakers on the opening day were V. M. Newton, Jr., managing editor of the Tampa (Fla.) *Tribune*; O. R. Strackbein, chairman, National-Wide Committee of Industry, Agriculture, and Labor on Import-Export Policy; Robert Finkelstein, member, Rhode Island State Board of Education; and Charles H. Slayman, Jr., chief counsel and staff director of the Senate Subcommittee on Constitutional Rights of the Committee on the Judiciary.

Speaking on the second day of the conference were Allen Jensen, New York correspondent for the *Berlingske Tidende* (Copenhagen, Denmark), who read a paper for Dr. Vincent Naeser, publisher of the *Berlingske Tidende*; Kenneth G. Crawford, senior editor for national affairs, *Newsweek*; and Herbert Brucker, editor, *Hartford Courant*.

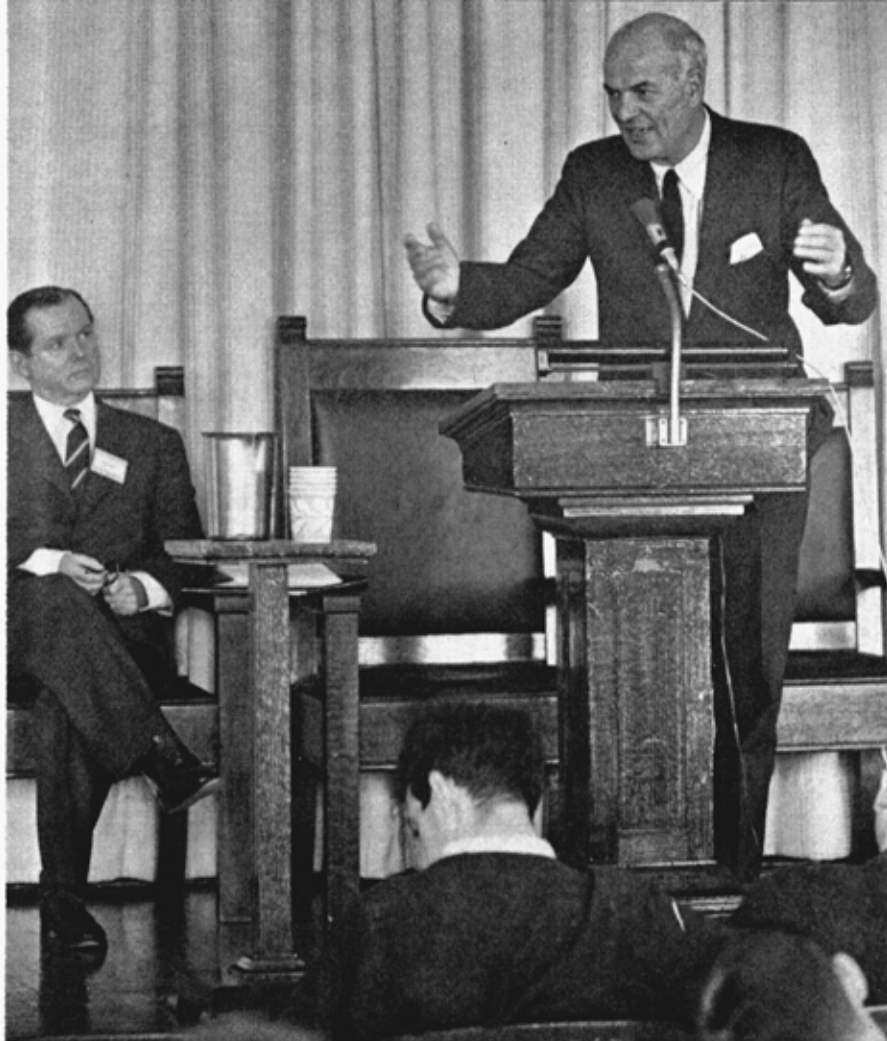
The program was concluded with the second Harold L. Cross Memorial Lecture, which was pre-

sented this year by Herbert Brucker. Dr. Cross, who died in 1959, was legal counsel for the American Society of Newspaper Editors. His book, *The People's Right to Know* (Columbia, 1953) is the standard reference in the field of freedom of information. Brucker, speaking on "The Philosophy of the Right to Know," said "man has a right to know the world he lives in. Since all men are born free and equal, so they have an unalienable right to the truth concerning the whole world about them, whatever that truth may be."

Brucker's talk will be printed as a separate booklet and will be printed also in a larger booklet containing all the conference speeches. These booklets will be mailed to all on the mailing list of the Freedom of Information Center and are available to others on request at no cost.

The advisory committee met during the mornings of each day in the Center's quarters in the School of Journalism building. Committee members are:

Howard Bell, National Association of Broadcasters,



Above, Herbert Brucker delivers the Second Harold L. Cross Memorial Lecture. Seated is Hugh Boyd, the Home News, New Brunswick, N. J. Below, Nicolas Pentcheff, chief of the Bulgarian Desk, Radio Free Europe, New York, talks with a graduate student in Journalism.

Washington, D. C.: Hugh Boyd, Home News, Brunswick, N. J.; William Bray, Missouri Press Association, Columbia, Mo.; Herbert Brucker, Hartford (Conn.) Courant; Joseph Costa, King Features, New York; Jules Dubois, Chicago Tribune; Arthur F. Duncan, Kansas City Star; Guy Easterly, Lafollette Publishing Company, Lafollette, Tenn.; Ware Edgar, Starke County Republican, Knox, Ind.; Coleman Harwell, The Herald and Citizen, Cookeville, Tenn.; Lowell E. Jessen, Livermore, Calif.; Malcolm Johnson, CBS-TV News, New York; L. Rex Miller, University of California, Los Angeles, Calif.; Nicolas Pentcheff, Radio Free Europe, New York; James S. Pope, Louisville (Ky.) Courier-Journal; Paul C. Smith, Lyon County Reporter, Rock Rapids, Ia.; Robert D. Swezy, Washington, D. C.; Robert M. White II, New York Herald-Tribune; James Russell Wiggins, Washington Post; Arthur L. Witman, St. Louis Post-Dispatch.

Paul L. Fisher, Jr., is executive secretary of the FoI Center.



Three alumni receive awards during Arts and Science Week



Anna Jane Harrison

Three alumni of the University of Missouri College of Arts and Science were honored by the College and the University Alumni Association at the annual Arts and Science Week banquet, held December 1 at the Memorial Student Union.

The Alumni Association's Citation of Merit, for exceptional achievements, was awarded to Dr. Anna Jane Harrison, professor of chemistry at Mount Holyoke College, South Hadley, Mass.; Paul Van Osdol, Jr., prominent attorney and civic leader of Kansas City; and Dr. Herbert G. Blumer, professor of sociology and Director of the Institute of Social Sciences at the University of California. Mr. Van Osdol was the banquet speaker and Dr. Fred McKinney, professor of psychology at the University, was toastmaster. Earlier in the day, Dr. Blumer gave the address at a Convocation in Jesse Auditorium.

Dr. W. Francis English, Dean of the College of Arts and Science, said the three graduates receiving the Citation of Merit are among the outstanding alumni of the University and have reflected credit on their alma mater. Two of them have served on the University staff at some time in their careers.

Miss Harrison is a specialist in physical chemistry who has combined teaching with research. Born in Benton City, in Audrain County, she holds A.B., B.S., A.M., and Ph.D degrees from the University of Missouri, receiving her doctorate here in 1940. Her doctoral research was concerned with the absorption of light, a study which she has expanded for years.

She has received two outstanding award grants, one for research at Cambridge University in England, and the other for studies at the National Research Council in Ottawa, Canada.

Before going to Mount Holyoke, Miss Harrison

taught for five years at Sophie Newcomb College of Tulane University in New Orleans. And during 1942-43 she was on leave from Sophie Newcomb to work on confidential war defense research here at the University of Missouri and with an industrial corporation in Kansas City. In the summer of 1945 she did some research for the Corning Glass Co., in Corning, N. Y. For her findings in this project, on the infrared absorption of water in various glasses, she received the Frank Forrest Award of the American Ceramics Society.

Miss Harrison is a member of the board of publication of the *Journal of Chemical Education*, and is author of a number of articles published in professional publications. She is a member of Sigma Xi, of the American Association of University Professors, and of the American Chemical Society.

Paul Van Osdol, Jr., distinguished civic leader in Kansas City and throughout the state, is a native of Brookfield, Mo., and attended elementary and secondary schools there before entering the University. His father, also a graduate of the University, is a former Commissioner of the Missouri Supreme Court.

The younger Van Osdol received his A.B. degree here in 1936, and his LL.B. degree in 1938. He was president of the Student Government Association of the University in 1937-38; was president of the Burrall Bible Class; a member of Omicron Delta Kappa, Blue Key, and Q.E.B.H., honorary service fraternities at the University; and a member of Phi Delta Phi, legal fraternity.

Since his graduation, Van Osdol has practiced law in Kansas City except for more than four years he served as an officer in the U. S. Air Force during World War II. An active member of numerous civic



Paul Van Osdol, Jr.

and quasi-governmental organizations and committees, he is presently a member of the Judicial Selection Committee of Jackson County. He has served approximately three years as a member and secretary of the Kansas City Board of Election Commissioners. He has also served as a member of the fourteen-member Commission to draft a new county charter for Jackson County.

Mr. Van Osdol is a member of the Kansas City Bar Association, the Missouri Bar, the American Bar, the American Law Institute, and the American Judicature Society.

He was married in 1942 to Miss Evelyn Foreman of Kansas City, who also received an A.B. degree from the University in 1938. They have two children.

Dr. Herbert Blumer is nationally known as an educator, a sociologist, and a labor relations consultant but to the older generation at the University of Missouri and thousands of sports enthusiasts he is best remembered as one of Missouri's all-time football greats and later a professional football All-American.

Herb Blumer was one of those rare individuals—a football star and a Phi Beta Kappa. In fact, he was captain of the Tiger team in 1921, the year he was elected Phi Beta Kappa and the year he received his A.B. degree. He was also a member of the University debate squad and a member of Delta Sigma Rho.

Dr. Blumer, a native of St. Louis, received his Master of Arts degree here in 1922, and then served as instructor in sociology here as he continued graduate studies. He went to the University of Chicago as an instructor in 1927, and received his Ph.D. degree from that institution in 1928, continuing on the faculty there with successive promotions to the position of professor and remaining there until 1952.



Herbert G. Blumer

As if his graduate work and subsequent teaching at the University of Chicago weren't enough to keep him busy, Blumer played professional football with the Chicago Cardinals from 1925 to 1933, and he was selected All-American professional guard in 1928 and 1929.

Dr. Blumer was granted leaves to serve in 1936-37 as a visiting professor of sociology at the University of Michigan, and in 1950-51 as visiting professor at the University of Hawaii. In 1952 he joined the faculty of the University of California at Berkeley as chairman of the department of sociology and social institutions, and in 1958 he was named Director of the Institute of Social Sciences there as well as professor of sociology.

During World War II, Dr. Blumer was "borrowed" by the Federal government to serve as chief liaison officer of the Office of War Information to the Department of State in Washington. In 1943-45 he served as a member of the National War Labor Board, Region VI, and from 1945 to 1947 he was chairman of the National Board of Arbitration for the United States Steel Corporation and the United Steelworkers of America. During 1958-59 he served as special consultant to UNESCO on the social effects of rapid industrialization.

Dr. Blumer was president in 1955 of the Society for the Study of Social Problems, and president in 1956 of the American Sociological Association. He is a charter member of the Sociological Research Association and of the National Academy of Labor Arbitrators, and is presently a member of the executive committee of the International Sociological Association. He was editor of the American Journal of Sociology from 1940 until 1952.



University Singers: a tradition

By Betty Cook Rottmann

The University Singers, concert group of 90 voices at the University of Missouri who sang with the St. Louis Symphony Orchestra in three programs during December, have built a tradition of excellence as ambassadors of song for the University in the past 17 years.

The programs in St. Louis on Dec. 10 and 11 and in Columbia on Dec. 13 marked the third time in recent years that the Singers have participated in major performances with the Orchestra, one of the first-ranking ten in the country. They presented Brahms' "German Requiem," a sacred cantata. Edouard Van Remoorttel conducted.

Thomas B. Sherman, music critic of the St. Louis Post-Dispatch, wrote in his review of the Kiel Auditorium performance: "The chorus is the chief instrument in projecting the spirit of this music, and the Singers from the University of Missouri were well drilled and responsive in performing this essential function. . . . The chorus also coped successfully with the contrapuntal passages and cross rhythms in other sections and in general performed admirably."

The 90 men and women in the Singers, admitted by audition only, are the cream of University student singers. Together with their director, Prof. Thomas L. Mills, associate professor of voice, the present group forms, in the words of an advanced student, "an enthusiastic, democratic unit, breaking away from the normal academic routine, and approaching the realm of professionalism."

A memorable concert with the St. Louis Symphony was in 1949, when the Singers, as part of the University Choral Union, performed the Prokofiev cantata, "Alexander Nevsky," with Jennie Tourel, Metropolitan opera star. Another highlight performance with the St. Louis organization was the Beethoven Ninth Symphony, in 1954.

Music of Verdi was featured in a 1957 concert with the Philharmonic in the Kansas City Music Hall.

From the ranks of the Singers have come a tenor star of "South Pacific," a member of the Fred Waring organization, two feminine concert artists who have won fellowships for study abroad, a number

of other singers with some acclaim as professionals, and many teachers of music in schools and religious organizations across the country.

The Singers, under sponsorship of the Continuing Education Service, have represented the University throughout the State in tours of high schools, before meetings, and conventions. They have also made radio and television appearances.

The Singers are outspoken in their admiration for Mills, as both an imaginative director and a dynamic personality.

"When he has a good day," says one member, "he can make us do anything . . . phenomenally."

Mills has brought to the Singers an operatic and concert background and several years of experience as a producer of soldier shows. As a result, the programs are a blend of many types of music to please the taste of any audience, which, Mills constantly reminds the group, is their goal.

Mills directs with a light touch and ready wit. A cartoonist of some merit, he often sends suggestions to the students in the form of drawings. He accompanied one such drawing, which showed a bare little scamp well-known to readers of the comics, with this suggestion: "Thus far . . . the Singers seem to be menaced by the lack of something. Let's dress it up, now! A Friend."

His southern drawl comes from his childhood in Morrilton, Ark., and his school years in Conway, where he graduated from Hendrix College. He received his Master of Music degree from the University of Illinois.

Once tenor soloist in the Chicago Theater of the Air, Mills still enjoys asking a member of the Singers to direct one of his favorite songs while he joins the tenor section.

He continues to direct church choirs and conduct vocal workshops in the South and in the Midwest.

University students producing their annual musical, "Carousel," always ask Mills to write a new song or two for them. He is sympathetic with new composers, and occasionally runs through their work informally with the Singers.

The reason for establishing the University Singers is explained by Prof. Rogers Whitmore, chairman of the music department.

"The University Chorus, dating back to about 1925, has always been open to general students. But such a chorus could not be advanced enough to challenge students majoring in music," Prof. Whitmore says, "nor can it provide broad enough acquaintance with choral literature. Its size (it has numbered as high as 400) also makes it too large to represent the University as a traveling concert group."

The forerunner of the Singers was an a capella choir formed in the early forties by Milton Bennett, Jr., graduate assistant in music.

The name "University Singers" was adopted later in the forties when directed by Dr. Paul Van Bodegraven, associate professor of music education. R. Oscar Clymer, assistant professor of voice, was the next director, with Mills taking the position upon joining the faculty in 1952.

During Clymer's term, the Singers took part in the Prokofiev cantata in 1949. One St. Louis critic said the ovation at the opening performance was the most enthusiastic he had heard in 25 years of reporting such events.

Oscar Johnson, president of the Symphony Society at that time, called the concert, "without doubt one of the major events in the orchestra's long history."

Similar enthusiasm was shown after the Beethoven Ninth Symphony performance in 1954, part of a program sponsored by the United Nations and the city of St. Louis, climaxing Human Rights Day observances.

The Singers took part in both concerts at the specific request of Conductor Vladimir Golschmann, who came to Columbia to rehearse with them personally.

Among former Singers who have achieved recognition is Stanley Grover Nienstedt of Woodstock, Ill. Under his stage name of Grover, he has starred in "Finian's Rainbow" and "Wish You Were Here," from which he was taken by director Josh Logan for the principal tenor lead in another Logan production, "South Pacific."

Another former member, Miss Jimmie Lee Farmer, contralto, gave her debut recital in Vienna, Austria, May, 1958. She has studied in Europe under a Ro-

tary fellowship. Miss Farmer is from Camdenton, Mo.

Miss Donna Lee Precht of Mexico, Mo., has sung in Europe, after a fellowship study there.

A romantic team which began in the University Singers is that of Bernita Bricker Smith, formerly from Pleasant Hill, Mo., and Charles H. Smith, Detroit, Mich. They were married upon graduation, studied together in Italy, and he later became a member of the Master Singers, a New York group. Dr. Herbert Gould, then professor of voice, had introduced the two in his studio. Smith is now on the faculty of Baldwin-Wallace College, Berea, Ohio.

The real rewards for a director are in letters from former Singers, says Mills. He keeps them in a folder, labeled: "When you are down, read one of these."

The Singers have spent 40 hours in rehearsal for a single performance. Yet some of the most successful concerts have been impromptu, given spontaneously after a regular concert, in Jesse Auditorium or the Memorial Student Union, or in hotel lobbies and restaurants while on tour.

After a concert in St. Joseph, Mo., they began to sing in a hotel lobby. Soon more than a hundred persons had gathered to listen.

On a trip to Springfield, Mo., the Singers, waiting to be served in a restaurant, entertained other patrons with songs until dinner arrived. On the same trip, they were "just going through" Bridal Cave when someone started singing to try the unusual acoustics and the others joined in the song.

Almost half the Singers take the course for no credit. Many must go without lunch to attend the 11:30 a.m. rehearsals. So eager are students to join that 278 auditioned for the 14 positions open this fall.

Musical qualifications are not enough for membership. Applicants must also pass a "rigid personality conference" with Mills. As good will ambassadors for the University, they must be able to develop compatibility and friendliness. After concerts, time is always allowed for informal conversation with listeners, many of whom want to talk about the University. During high school tours, the Singers visit with the students while eating in the cafeterias.

In these ways, Mills points out, the University Singers are continuing to bring both enjoyable music and friendly information about their state university to the people of Missouri.



THOMAS L. MILLS

As director of the University Singers, Prof. Mills demands and receives the vocal excellence long associated with this select group. To his duties he brings a background of rich experience. A tenor soloist in opera, light opera and musical comedy, he formerly was with the Chicago Theater of the Air; since coming to M. U. he has given concerts in Fort Worth and Dallas, Little Rock and Hot Springs, Baton Rouge and Shreveport, St. Louis and Kansas City, Birmingham, Wichita, and Jackson, Miss. He has directed vocal workshops for the National Catholic Music Educators Convention, Baptist seminaries in New Orleans and Fort Worth, a Baptist convention in Alabama, and state musical festivals in Louisiana, Kansas and Iowa.

Alumni groups in varied activities

President Elmer Ellis was guest speaker at several alumni meetings in the fall, discussing University progress, goals and problems. The Dallas Alumni Club awards dinner at the Dallas Country Club on November 9 was an outstanding affair. Special recognition awards were presented to Miss Helen Bullock, City Manager Elgin Crull, W. C. Windsor, Jr. and Clif Blackmon. All were honored for achievements in their fields. Seventy-seven persons attended the excellent meeting, the last presided over by Mrs. Ruth Pines as retiring president. New officers of the Dallas organization are: James R. Crawford, president; Andrew E. Peranni and Raymond M. Watkins, vice-presidents; Patricia Lee Cross, secretary; and Mrs. Edward Lee Vint, treasurer.

At Tulsa President Ellis met with alumni leaders on November 10 for a luncheon meeting, where he told of University developments in detail, and that evening he addressed a general meeting at the Tradewinds motel. The luncheon was attended by 15 persons and the dinner meeting by 62. Ken McCubbin is chairman of the executive committee at Tulsa and Lee Cunningham is secretary; other members are Ed Kennedy, Jim Kemm, Leonard Goldman, Bill Pate, Frank Leslie, Bill Minor and Travis Walsh.

The Washington (D.C.) Alumni Club arranged a luncheon meeting on November 16 in order that the group could hear President Ellis during his visit to the national capital. The meeting was held at the Presidential Arms. Although Paul T. Truitt, president of the club, was out of town on business, Miss Nancy Nelson, first vice-president, took charge of the meeting, with the support of Samuel C. Brightman, second vice-president; Mrs. Dorothy K. Pierce, secretary; and Martin Mayes, treasurer.

The Milwaukee Alumni Club is now a reality. Through the efforts of such leaders as Jim Boan, Marjorie Scott, William Gundlach, Joseph Longmire and Ben Waxse, an organizational meeting on October 12 got off to an enthusiastic start. Boan was elected president and Miss Scott secretary, and plans are being discussed for a spring meeting.

Jean Madden of the Alumni Office met with the Milwaukeeans to explain about the Alumni Association and to discuss the campus while showing color slides.

Apparently there is a lot of interest in the University in the Milwaukee area, and the prospects are good for a strong organization there.

Norman Stewart, assistant basketball coach, and Jean Madden, assistant director of alumni activities at the University, put on the program when Shelby County alumni held their meeting at Shelbina on

October 20. Thirty-five persons were present.

Ben Dobyns was elected chairman of the Shelby County Alumni Committee, succeeding Chester Calvert, who gave the job several years of service. Others on the committee, with Mr. Calvert, are Bob Crist of Shelbina, John Douglas and Keith Boyer of Shelbyville.

About 400 persons attended the annual dinner and dance held by the University of Missouri Alumni Association of St. Louis on December 9 at the Ambassador-Kingsway Hotel.

John Stahl, president of the St. Louis alumni, presided at the affair, one of the largest on record. Dr. William L. Bradshaw, dean of the School of Business and Public Administration, was the main speaker. Dean Bradshaw delighted the audience with his light-hearted comments about the role of a dean and was given a standing ovation. He scored a solid hit as an after-dinner speaker. Al Onofrio, top assistant to Coach Dan Devine, gave a review of the football season and tried to analyze the intangibles that produced a 9-1 record for the Tigers. Athletic Director Don Faurot and Track Coach Tom Botts spoke briefly, both indicating that trying to follow Dean Bradshaw was not an enviable spot.

During the dinner music was provided by Singleton Palmer and his Dixieland Band. The Al Ross orchestra furnished music for dancing. Comedian David "Nose" Bold dropped in from his Celebrity Club to perform for the alumni. Arrangements for entertainment were handled by Norman Sherman.

The dinner and pep rally staged annually before the Missouri-Kansas game by the M. U. Alumni Association of Kansas City was another top-notch production. About 350 persons attended this year's event at the Continental Hotel on November 17. Decorations carried out the Orange Bowl theme.

L. Merle Chandler, president, was in charge of the festivities. Speakers for the radio broadcast portion were Selby Neff, Bob Jeffries and Henry Mahley, who took a dim view of the Jayhawkers and foresaw glory for the Tigers. Other speakers were Don Faurot, athletic director; Dan Devine, head football coach; and Dr. Jack Matthews, dean of students.

Special guests of the Kansas City alumni were Missouri's 1960 Homecoming Queen, Dusene Vunovich, and her attendants, Diane Lewis and Sue Brace. Les Milgram and his Mizou alumni band furnished music. Chandler and other board members in the Kansas City organization are to be congratulated for putting on a big show.

New officers for the Kansas City group are: Robert Lisle, president; David Breese, Ralph Taylor, Pete Corpenny, A. G. Eddy, vice-presidents; William Chiles, secretary; and Lyle "Bud" Wells, treasurer.

Alumni in the Cedar Rapids, Iowa area held a dinner meeting at the Roosevelt Hotel on November 29, about 25 persons attending. Since there are about 60 Missouri graduates and former students living in the vicinity, this is a good showing; actually, about eight others had reservations but failed to show up.

The meeting resulted from a great deal of effort in which Joe Dorzweiler took the initiative. He was chairman of the organizational meeting and heads the executive committee, whose other members are Mrs. John Smith, Mrs. David Turner, Earl Trip-pensee, Tom Moss and Bob Creel.

After Dorzweiler asked each person to introduce himself, Jean J. Madden of the Alumni Office provided the narration as color slides of new buildings on the campus were shown. The projector was expertly manned by Francis (Ike) Edwards, master technician and executive secretary of the Alumni Association of the M.U. School of Mines and Metal-lurgy at Rolla.

The executive committee plans to meet in March to arrange for the next general meeting.

Alumni in Memphis chalked up a highly enthusiastic session at the Chickasaw Country Club on Decem-ber 2 when 98 persons gathered for a full evening of activities. Howard Broemmelsick, former St. Louisan, new chairman of the executive committee, presided over the program which included a talk by Bus Entsminger on campus and alumni developments, and Athletic Director Don Faurot, who discussed Missouri's athletic program. Films of the Oklahoma game were shown.

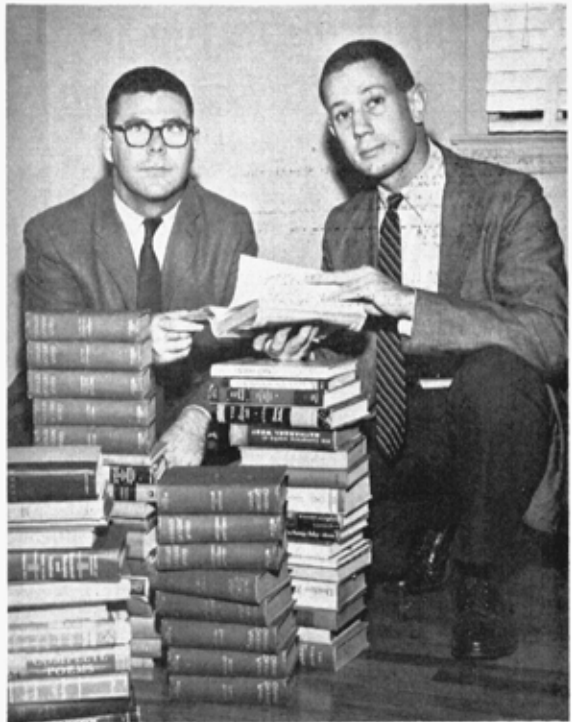
As evidence of the success of the evening, many of the guests stayed around and visited long after the formal conclusion of the meeting, and the con-sensus was that everyone had a very enjoyable time.

Broemmelsick succeeds Frank Ragsdale as exec-utive committee chairman. Ragsdale continues on the committee, and other members are Preston Mc-Daniel, Dr. B. H. Lubik, Jerred Blanchard, Curtis W. Parham, Jr., John A. Putnam, Dallas Nelson, and William S. Huff. Jerred and Eugenia Blanchard handled arrangements for the meeting and Walter and Sue Baker were in charge of registration.

When alumni gathered in Oklahoma City for a re-ception and dinner at the Beacon Club atop the National Bank Building on the eve of the Nov. 12 Oklahoma-Missouri game, everyone had a gay time but probably no one then expected the Tigers to come through as sensationally as they did against the Sooners.

There was no program of any kind, just visiting, and a number of those among the 54 persons present were Missourians on their way to the game at Norman.

Gene Campbell, Vip Crowe and John Booth handled arrangements. Ted Coursault is president of the Oklahoma City Alumni Club, Gene Campbell is vice-president, and Nolan Kuehnl is secretary-treasurer.



Bernard (Ardy) Friedberg, left, and Ivan Dee have set up a book publishing firm, The Ardivan Press, with headquarters at 536 Broadway, Macon, Ga. Their first book, "The War-Time Journal of a Georgia Girl," is released this month, Ardy received an A.B. in '57. Ivan, B.J. '56, A.M. '57, was Savitar editor in 1955.

Alumni of the Southern California area are starting the new year with an experiment in smaller geograph-ical meetings as an answer to the great distances some members have to travel to attend a general get-together.

A Central Area dinner meeting in Los Angeles has been scheduled for January 13. This will be followed by a January 20 gathering of West Los Angeles area and by a January 27 meeting for Long Beach alumni. A general meeting for the Southern California area is set for March 10, when results of the January sectional sessions will be reviewed.

Ross Adams is chairman of the Southern California M. U. Alumni.

EXTRA '60 SAVITARS AVAILABLE

Recent graduates who failed to pick up a copy of the 1960 Savitar before leaving the campus are in luck if they are regretting the omission. The Student Publications Office now has a small supply of surplus copies of the yearbook, and is willing to part with them. The 1960 Savitar, which is one of the better editions and has several color pages, may be ordered (\$5.50) from Mrs. Dorothy Flynn, Student Publica-tions, 302 Read Hall, Columbia.

Bill Lindholm's big job

William L. Lindholm, general manager of the Southwestern Bell Telephone Company in Houston, Tex., recently completed an outstanding job as chairman of the United Fund Campaign to raise \$5,707,538 for 65 Houston agencies. On the original closing date of the campaign the fund was \$63,000 short, but Chairman Lindholm kept the drive open an additional ten days and the goal was exceeded. Much credit has gone to him for his organizational ability and determination in making the campaign a success.

Lindholm received a degree in Business Administration from the University in 1936, coming to the campus from Mountain Grove, Mo. where he participated in high school sports under Coach Hi Simmons. Although he has lived in Houston less than two years, Lindholm has been extremely active in community affairs. He holds directorships in the Chamber of Commerce, Junior Achievement, Houston Symphony Society, and National Bank of Commerce.

Before moving to Houston as general manager of the South Texas Area for Southwestern Bell, Lindholm had lived in St. Louis, Dallas, San Antonio and Tyler, Tex. Mr. and Mrs. Lindholm have a son, age 16.



William L. Lindholm

New honor for True Morse

Among numerous honors received by True D. Morse, Under Secretary of Agriculture, is the Animal Agriculture Award, top honor of the American Meat Institute. The award is presented annually to the person who has contributed most significantly to the furtherance of livestock agriculture.

In making the presentation, Illinois Senator Everett D. Dirksen said: "The name True D. Morse is a name which is synonymous with fine husbandry. All his life, he has advocated and fought for the betterment of agriculture. I can testify that in these last seven and a half years he has stood as granite in his official capacity as Under Secretary of Agriculture for more freedom and more opportunity for American farmers."

As President of the Commodity Credit Corporation, Morse heads the multi-billion-dollar corporation responsible for the direct price support programs and related activities of the U.S.D.A. Prior to going to Washington in January, 1953, Mr. Morse had been in the farm management and agricultural service business for 26 years. He formerly was president of the Doane Agricultural Service, Inc., St. Louis, where he originated the Doane Agricultural Digest, which he edited for 15 years. He holds positions in numerous organizations of government, civic and church interests. Among other posts, he is chairman of the National Committee for Rural Development and executive secretary of the Agricultural Institute. He is a member of the Missouri bar and of the bar of the Supreme Court of the United States, and executive secretary of the Agricultural Institute. At one time he was a faculty member of the School of Banking at the University of Wisconsin.

In 1956 Mr. Morse received the Citation of Merit

from the University of Missouri Alumni Association for "outstanding achievement and meritorious service in Agriculture." He was born on a farm near Carthage, Mo. and graduated from M. U. in 1924.

Dr. Dulaney retires as teacher

Dr. Anna Dean Dulaney, A.B. '13, B.S. in Ed., '13, A.M. '22 and Ph.D. '27, has retired from teaching duties at the University of Tennessee Medical Units, Memphis, where she is professor of microbiology. Dr. Dulaney has devoted 33 years to the teaching of medical, dental and pharmacy students, and the investigation of a research project. She will continue her research on the virus nature of the agents producing mouse leukemia and parotid gland tumors. One of the oldest members of the UT staff in years of service, Dr. Dulaney went there as an instructor in bacteriology in 1927. During her distinguished career she has published more than 70 scientific papers, most of which are concerned with the serological or immunological aspects of disease. During the past ten years the professional journal, *Cancer Research*, has published most of her papers because of the subject matter. Her research program has been financed for a number of years by substantial grants from the National Cancer Institute of the United States Public Health Service. Her current investigation is sponsored by a grant of \$14,500 awarded her in July. During her academic career she has been granted leaves of absence to work in the virus laboratories of Leland Stanford University, to attend a special course in tropical diseases at Tulane University, and to conduct studies at the Sloan-Kettering Institute for Cancer Research in New York. Dr. Dulaney's sister, Mrs. C. M. Becker (Grace Dulaney, '12) lives at Williamsville, Mo.

briefs by Bus

continued from inside front cover

Now, Section XIV, paragraph G is quoted as follows: "Any violation of this section by a member school, alumni or friends of the institution *with or without the knowledge of the institution* will render the individual or individuals concerned ineligible for competition at that institution." This would appear to be easily interpreted and leaving very little doubt as to what ruling the conference has to hand down once it has been determined by the NCAA that a recruiting violation has occurred.

These are the facts as pertaining to conference rules and we will stop on this point for you to form your own opinion as to right or wrong.

The real unfortunate matter is this business of K. U. officials, alumni and friends feeling so positive that the University of Missouri, and particularly Don Faurot, took the initiative in causing conference action to be taken in this direction. This is not true. No one at the University of Missouri, particularly Don Faurot, made any personal or written attempts to call the matter before the conference officials.

The Big Eight Conference claims that it is a self-policing organization and according to the Big Eight Conference office the matter was first discussed between faculty representatives of the University of Nebraska and the University of Kansas; exactly which individual representing all schools in the conference actually made the formal request of consideration is unknown, but it is assumed that because of the normal way the conference does business it was automatically placed on the agenda for discussion. The University of Kansas has made various claims and certainly some of them have some justification. Not being aware of all the facts it is logical for us to assume that there are certain amounts of rights on both sides of the discussion. One point that the Kansas officials made was that the conference could have taken earlier action and indicated that the boy would be ineligible before he was played rather than waiting till the close of the season and then declaring him ineligible. Since the conference is a self-policing organization if there was any doubt (and the previously quoted articles in the Rule Book indicate there was some doubt) the University of Kansas probably should have requested a ruling on the matter before letting the boy in question participate. Certainly there can be some sympathy on the K. U. side for the conference not taking faster action but this is not necessarily the fault of any one individual. It is simply the manner in which the conference is set up. Contrary to the opinion of many persons the Big Eight Conference does not have a commissioner. Reaves Peters serves as Executive Secretary and the conference business is run by a group of faculty representatives. There could be less confusion; many unfortunate circumstances such as this could be avoided, faster action on the interpretation of various rules

and all in all a tighter shop could result if the conference would establish the commissioner type of organization and give to that office more responsibilities than are now allowed.

Here is the irony of the whole thing: the purpose of athletics, or at least one declared purpose, is to teach fair play and sportsmanship. Isn't it interesting how many times the one phase of our academic institutions—that of excelling in teaching sportsmanship, consideration of others, fair play, etc.—gets wound up in such controversial matters and leads to feelings that are the very opposite of those which participation is supposed to develop.

Anyway you look at it, the conference officials have "jellyfished" on this one. It's apparent that the august body of faculty representatives have tried to put on a show of meaning business while they attempt to compromise the issue. There can be no compromise on a "rule" interpretation.

It's a simple matter—guilty or not—eligible or not. If K. U. is not guilty of violating a rule, they should restore the two games and give them the championship they won.

If K. U. is guilty and if Coan is ineligible, why is he ineligible for only two games? Why is he ineligible for football and able to compete in other sports?

Chances are these men would act more intelligently in their professional field, but athletics has a peculiar emotional pull that warps the judgment of some men who become overly conscious of its role in education.



The Missouri Legislature, in a special session called by the Governor to consider an increase in salary for members of the Missouri House of Representatives and the Missouri Senate, has voted an increase to \$4800 a year. The old salary was \$1500 annually. Although there are probably many persons who take the negative view in discussing this Legislative action we should consider very strongly the following possibility. The age old problem of whether to get good representation and then pay for it or to establish good pay in the hope that it will attract better representation is a question that, of course, no one knows the answer to. Certainly a "do nothing" state is not the answer and waiting to try and decide which direction to go can sometimes cause a stalemate leading to no action at all. It seems to me that the establishment of a \$4800 annual salary is a very fair, if not a minimum, standard. The salary certainly ought to be placed at a level where initially it will attract some of the best minds in our respective communities. The desire to serve in this capacity should be the goal of all of us. Certainly if not the goal to serve ourselves, we ought to be seriously enough interested in our government to take an active part, get to know our potential represen-

tatives and senators and to understand some of their problems as well as to interpret our wishes to them so that they can be better representatives in our system of government.

Once an adequate salary attracts good people then whether our respective area has good representation or not is simply the responsibility of us as voters.

Our selection of representatives is the key in every instance. Perhaps a higher salary will not only attract top people to seek these jobs, but perhaps it will make each of us take a greater interest in selecting our favorite candidate and then working harder to get the best representation for our tax dollar. Anyway, this is a step that any progressive state must take and if we are going to have good government we have to pay well for it—just as if we are going to have good education we will have to pay well for it.

BUS ENTSMINGER

Governors honored

continued from page 1

by 1970, and some projections have substantially increased that figure.

"We all know that our grade schools and high schools have grown tremendously," the President of the Board said, "and it is simply a matter of counting noses to realize that many more students are going to be seeking an opportunity to attend not only the University of Missouri but the state colleges and private universities in the years immediately ahead.

"In order to meet that need we can and should plan to continue the issuance of revenue bonds to assist in the financing of these additional facilities. We have been able to borrow about three dollars for every one dollar of appropriated funds. That will vary somewhat, depending upon interest costs, but we will not be able to do any of this construction except and unless we have appropriated funds to provide those sums which are needed in addition to what we can borrow by issuance of revenue bonds.

"From the time we secure an appropriation until we can complete plans, arrange for revenue bond issuance, let contracts and build and equip dormitories and dining halls, a minimum of from two to three years will elapse. This is the end of 1960. An increase of at least 7,000 students is predicted for the next nine years. If we provide the facilities to house them it is evident the problem is a large one but it likewise is evident that it is one that must be met."

Mr. Finch opened his address with a resume of the housing problems of the University of Missouri since its founding in 1839. He said that as early as 1841 the first President, John Hiram Lathrop, in his first report pointed out the need for housing; that elaborate plans for the campus that called for dormitories and residence halls were drafted, but lack of funds prevented any construction.

He said that when the University reopened following the Civil War the problem of housing soon

became acute, and the President in 1867 reported that several students had gone home because they could find no place to live. He went on to recount the various facilities provided through the years until the present University dormitory or residence hall system was started in 1939.

Mr. Finch listed the housing constructed since then, including that made possible by the two and a half million dollars provided for construction of housing on the Columbia campus out of the \$75,000,000 bond issue. He said the funds provided in the \$75,000,000 bond issue have been exhausted with the exception of approximately \$500,000, and that plans are now being prepared for the construction of additional men's dormitories which will house about 500 men. They will be constructed with the \$500,000 plus funds from the sale of revenue bonds, he said.

This fall, Mr. Finch said, a total of 3,931 students are being housed in University owned and operated housing. Another 2,017 students live in fraternity and sorority houses, and the remainder in approved rooms or apartments or live in their own homes in Columbia and neighboring towns.

The residence halls named for deceased governors are four new buildings for housing men students. The four are located in the south area of the campus east of the new Medical Center and immediately west of Defoe, Graham, Stafford, and Cramer halls.

Men's residence halls at the University are divided into sections, known as "houses," for self-government and organizational purposes, and these "houses" have been named for former governors of the State. Since each of the four new buildings has been divided into two "houses," the building itself is named for the two governors so honored.

The men's residence halls dedicated December 3 are Hall D, to be known as Dockery-Folk Hall in honor of Alexander M. Dockery, governor from 1901 to 1905 and Joseph W. Folk, 1905-1909; Hall E, named Hadley-Major Hall, in honor of Herbert S. Hadley, 1909-13, and Elliott W. Major, 1913-17; Hall F, named Gardner-Hyde Hall in honor of Frederick D. Gardner, 1917-21, and Arthur M. Hyde, 1921-25; Hall G, named Baker-Park Hall, in honor of Sam A. Baker, 1925-29, and Guy B. Park, 1933-37.

The men's dining hall will be known as John J. Pershing Hall in honor of General John J. Pershing, General of the Armies of the United States, who was a Missourian.

One of the new women's dormitories, heretofore called Hall B, has been named John Hiram Lathrop Hall, after the first president of the University. The other two also are named for distinguished Presidents of the University. Hall C will be known as Samuel Spahr Laws Hall and Hall A as John Carleton Jones Hall. The women's dining hall will be known as Ella Victoria Dobbs Hall in honor of Ella Victoria Dobbs, who was professor of applied arts here for many years. These buildings are on Kentucky Avenue west of the Medical Center.



Dean Vernon E. Wilson (center) with Greene County Medical Society members.

Dean speaks in Greene County

"The Future of Your Medical School" was the topic of a talk given by Dr. Vernon E. Wilson, Dean and Director of the University of Missouri Medical Center, at a meeting of the Greene County Medical Society in Springfield, Mo. last month. Most of the Springfield physicians present are University alumni.

In the accompanying photo are, front row, left to right: A. Denton Vail, M.D.; David F. Gorelick, M.D., A.B. '35, B.S. Med. '36, A.M. '37; Dean Vernon E. Wilson, M.D.; H. Lee Hoover, M.D., A.B. '29, B.S. Med. '29; Harry Silsby, M.D., B.S. Med. '33.

Second row: E. B. Hanan, M.D.; Earl D. Russell, M.D., B.S. Med. '50; David Hall, M.D., A.B. '48; Harold Harvey, M.D.; Stanley Roper, M.D. (Ozark, Mo.) B.S. Med. '37; Don F. Gose, M.D., B.S. Med. '43; Thomas E. Ferrell, M.D., Arts, Med. '28; Lee A. McNeel, Jr., M.D., (Greenfield, Mo.) B.S. Med. '45; Joseph G. Siceluff, M.D., Med. '32; David Thomason, M.D., B.S. Med. '47.

Back row: Daniel E. Holmes, M.D., B.S. Med. '53; E. L. Simpson, M.D., B.S. Med. '34 as of '33; R. Ned White, M.D., B.S. Med. '32; William E. Taylor, M.D., B.S. Med. '32.

B & PA salary survey

The average beginning salary of graduate of the University School of Business and Public Administration was \$5,156 a year for those in the class of 1960, compared to \$3,755 in 1949 and \$3,437 in 1950, according to a "Survey of School of Business and Public Administration Graduates" made by the School's Placement Office.

Dr. Raymond W. Lansford, professor of marketing and director of the Placement Office, reports the results of the survey in the September-October issue of *Business and Economic Review*, published bi-monthly by the Bureau of Business and Economic Research of the School.

The survey shows that while the beginning average salaries have gained considerably over the years, the increase was not consistent, the average having dropped, compared to the previous year, in 1950, 1952, 1954, and 1956.

Dr. Lansford reports that the present average salary of the graduate of 1949 is \$10,967 annually, and of the 1958 graduates \$6,280. The present top salary for any graduates in the ten years is \$50,000 annually reported by a 1950 graduate; next highest is \$42,000 for a 1949 graduate. Other present high salaries for B & PA graduates are: 1951, \$28,800; 1952, \$17,000; 1953, \$18,000; 1954, \$14,500; 1955, \$30,000; 1956, \$20,000; 1957, \$18,000; and 1958, \$16,700.

"Classified by year of graduation the percentage of married students tended to decline from 1949 to 1952, and then gradually increased until 1956," Dr. Lansford says of the graduates who were married while still students. "The percentage in the last two years of the period covered shows an increase almost to the level of the 1949 class."

It was indicated by the survey that a number of the graduates felt areas of concentration other than the major in B & PA were helpful in following their career, the supplementary subjects listed being mostly law; education also was named. The per cent of the graduates who continued their education with additional college work ranged from 38.7 per cent of the 1949 class to 24 per cent of the 1958 class.

The largest per cent of the graduates during the ten years came from towns of 5,000 population or less; the survey shows that the largest per cent now reside in cities of 250,000 to 1,000,000.

BOOK BY FORMER STUDENT

Doorways to the World, a travel book from a refreshing angle by Elisa Dagg, has been published this year by Doubleday and Company. The subtitle is "Revealing Glimpses of People and Places in Word Vignettes and Photographs;" these succeed as teasers which make the reader long to start traveling to spots off the beaten path of tourists, such as only the seasoned traveler knows how to find. High spots in England, France, Italy, Spain, Turkey, India, and other less known places are touched on.

Since the doorways of any country are perhaps its most typical feature, these superb photographs make this a stylish book, but one which perhaps only the seasoned photographer can fully appreciate.

class notes

10 J. A. CHEVERTON, BS EE, 5435 N. Berkeley Blvd., Milwaukee 17, Wis., is with the Wisconsin Electric Power Co.

13 ROY P. HART, BS CE, is retiring in January, after a long tenure of service with the Missouri Pacific Railroad Company. He may now be reached at his home address, 719 Tuxedo Blvd., Webster Groves 19, Mo.

15 ALMON JAMES SIMS, with an editorial record of 40 years with the University of Tennessee, has resigned to carry out plans for an educational program at the Karaj College of Agriculture in Iran. Mr. Sims has won wide recognition for his service in agriculture journalism.

16 JAMES FRANK LILLEY, AB, has retired from Sinclair Refining Company after 40 years' service, and is now sales manager of the Worth Hotel in Fort Worth. He and Mrs. Lilley traveled most of last summer, visiting their daughter, Mrs. Leonard McCarthy and family in Saratoga, Calif., and their son, James E. Lilley, and family in Roswell, N. M. Mr. and Mrs. Lilley live at 1923 Prevost St., Fort Worth 7, Tex.

18 E. R. ADAMS, BS Ed., AM '24, has retired after 34 years of teaching in the Maplewood-Richmond Heights School District. Mr. Adams, a veteran of WW I, taught in rural schools of Iron County, was superintendent of schools at Oak Ridge, Mo., high school principal at De Soto and Chillicothe before going to Maplewood-Richmond Heights in 1926 as principal of the junior-senior high schools, and later as principal of the senior high. He was named superintendent of the district in 1941. Mr. and Mrs. Adams live at 7539 Manchester Ave., Maplewood 17, Mo.

19 THOMAS S. DENHAM, BS Ed., AM '35, veteran Iowa teacher and school administrator, was a recent visitor at the Alumni Office. He and Mrs. Denham (EMMA MOWRY, BS Ed. '17) have a combined service record of 83 years in teaching. Mr. Denham is still teaching after retiring five years ago as a school superintendent for 25 years; his experience includes two years in Alaska. Mrs. Denham retired from teaching three years ago. Their two daughters attended M.U.: Mrs. DOROTHY DENHAM Armbruster, Arts '39, mathematics teacher at Redmond, Ore., and Mrs. HAZELLE DENHAM Putnam, Arts '40, who is a secretary at the State University of Iowa. Mr. and Mrs. Denham live at Webster, Ia.

27 Lt. Col. ROBERT A. LAKE retired from the Army after completing 20 years military service in Saigon, Viet Nam, Indo China, Germany, the Pentagon, Maryland, Alabama, and most recently as director for services at the Ravitan Arsenal ordnance installation in Edison Township, N. J. He had been commanding officer of the Bremerhaven Ordnance Maintenance Shop and Supply Point, executive officer, Redstone Arsenal, and various other assignments in supply and property fields. He and his wife and son live at 133 Woodbridge Ave., Metuchen, N. J.

28 Dr. JOHN R. WHITAKER, BJ, is teaching under a Fulbright grant at Catholic University, Lima, Peru. He worked on the copy desk of the Columbia Missourian, taught in the Missouri journalism school from 1930 to 1932, and has served in the Chicago and Denver bureaus of the United Press, and the Columbus, Ohio, bureau of Associated Press. Dr. Whitaker has also been a reporter on the Denver Post and the El Paso Times, and editorial writer on the Daily Oklahoman, Oklahoma City.

T. HARTLEY POLLOCK, AB, is senior partner in the firm of Pollock, Ward, Klobasa & Shaw, St. Louis, and a past president of the Bar Association of St. Louis. He is also vice-president of the Friends of the Library, University of Missouri, author of various articles, and co-author of books in the field of taxation and corporate law. His address is 9904 Old Warson Rd., St. Louis 24, Mo.

29 J. PAUL SCHEETZ, BJ, 5815 Wilkins Ave., Pittsburgh 17, Pa., has recently become a Life member of the University of Missouri Alumni Association.

30 RANDALL R. KITT, LLB, executive manager of the Missouri Bankers Association, Columbia, Mo., has received its 16th annual ABA Agricultural Award on behalf of the banks of Missouri.

HOWARD M. DAIL, BJ, AM '31, received his Ph. D degree from the University of Wisconsin in August. Since 1950, Dr. Dail has been an information specialist in agriculture with the University of California at Berkeley, and was formerly on the staff in the Agricultural Editor's office at M.U. His home address is 18 Daryl Dr., Orinda, Calif.

32 Dr. EDWARD W. CLINE, BS Med., AM '32, has been appointed to the Medical Service as staff physician at the Poplar Bluff, Mo., Veterans Administration Hospital. He completed his medical training at New York University and entered private practice at Salem, Mo., and joined the Public Health Service in 1939. Dr. Cline and his wife (DOROTHY STAMMERJOHN, GN '37, BS Ed. '39) and three daughters live at 954 Mary St., Poplar Bluff.

35 Dr. CLARENCE N. ROBERTS, BS Ed., AM '12, Ph. D '50, professor of history at North Central College, Naperville, Ill., represented M.U. in November at the inauguration of Arlo L. Schilling as president of the college there. For the centennial celebration of the college, Dr. Roberts has recently published "North Central College—A Century of Liberal Education 1861-1961."

ROBERT GODDARD, BJ, was recently appointed amusement editor of the St. Louis Globe-Democrat. He will continue writing his daily column "In Our Town." Mr. Goddard started on the Globe-Democrat as a reporter in 1937 and has worked as a feature writer, assistant feature editor and copy editor. During WW II he served three years with the Air Force and "Stars and Stripes" in Europe. He has received numerous community service awards from St. Louis organizations.

RAY L. MILLER, BS Ed., M Ed., '38, principal of Rolla High School, has been in the Rolla school system for 29 years, and had taught for six years in Texas County, Mo., and served as superintendent in Edgar Springs for a year. The Millers have two sons who are also M. U. graduates: RAY, Jr., BS Ed. '57, now teaching physics at Tarkio (Mo.) Junior College, and CHARLES W., BS Ed. '60, who is working on his masters degree at the University of Illinois.

36 CHARLES R. KYD, BS Agr., former associate county agent of Saline County, Mo., has purchased a big ranch and large herd of registered Herefords at Climbing Arrow ranch, Three Forks, Mont., which Mr. Kyd has managed for the last six years. Mr. Kyd is a former extension livestock specialist at M.U., later became associated with the western division on the Pacific Coast of Doane Agricultural Service at St. Louis. While on the latter job,

he wrote recommendations for the operation of Climbing Arrow ranch, and as a result was employed as manager. Mr. and Mrs. Kyd are the parents of a son and two daughters.

JOHN C. HOLLOWAY, Jr., BS CE, chief sales engineer for Mobil Oil Caribe Inc., Puerto Rico, visited the campus recently. He has a 22-month old daughter, Linda Elizabeth. His mailing address is P. O. Box 10427, Caparra Heights Sta., P. R. Mr. Holloway's father, the late **JOHN HOLLOWAY, Arts '07,** died earlier in the year in Kansas City where he was assistant manager of the Hotel New Yorker.

HUBERT WHEELER, AM, is Missouri state commissioner of education. He has been an elementary principal, city superintendent, and county superintendent in Missouri, and was circulation manager of a Springfield, Mo., newspaper. He has held his present position since 1947.

MILDREN O. EATON, is County Home Agent in Harrison County, Mo. She has done graduate work at M.U., Iowa State College and Colorado State University, and taught vocational home economics for 12½ years at Milan, Marceline and Fayette high schools in Missouri and at Highland, Ill. high school. She was county home agent in Illinois for eight years in Hancock and Crawford counties, youth agent eight months in Madison County, and for the past six years has been home agent in Graham County, Arizona. Miss Eaton's office is at Bethany, Mo.

38 L. A. PICKARD, Jr., BS BA, 405 First St., Kennett, Mo., and his brother, **LAYTON PICKARD, BS BA '36,** and their father, **L. A. Pickard, Sr.,** own and operate the Pickard Insurance Agency in Kennett, Mo. From 1942-46, Layton was a special investigator with the FBI, working out of Washington, Philadelphia, Detroit, Louisville, and Little Rock, and was formerly vice-president of the Cotton Exchange Bank at Kennett. L. A., Jr., was a B-26 pilot during WW II, and returned to Kennett to enter the automobile business.

39 WALDEMAR A. NIELSEN, AB (WD), AM '40, with the Ford Foundation, visited the campus recently. He is associated with the Internal Affairs Program. As a student he was a Phi Beta Kappa and became a Rhodes Scholar. Nielsen's address is Ford Foundation, 477 Madison Ave., New York 22, N. Y.

Capt. (Dr.) **BLAKE S. TALBOT, BS Med.,** is stationed at the U. S. Naval Hospital, San Diego, Calif. During WW II he was medical officer for a PT squadron, serving with President-Elect John F. Kennedy, who was Skipper of a PT boat.



John C. Holloway, Jr., '36

40 GEORGE K. REEVES, LLB, AB '38, has been elected to serve on the board of directors of the Arkansas-Missouri Power Co. He is a partner in Ward and Reeves, law firm in Caruthersville, Mo. He and his wife are parents of two children, Kendrick, 11, and Maria, 6.

JOHN W. HOGAN recently moved from St. Louis to Milwaukee, where he is in the sales department of the Schlitz Co. Mr. and Mrs. Hogan and their two children (Melissa Ann, 5, and John Joseph, 2) live at 3457 S. 75th St., Milwaukee, Wis.

41 Mrs. MARGARET PATE Palmer, BS Ed., writes that after completing five years of teaching in the elementary schools of Bensenville, Ill., she is now district sales manager for Field Enterprises Educational Corp., publishers of Childcraft and World Book Encyclopedia. The Palmers and their four children, Katherine, Shirley, Betty, and Kenneth, live at 16 W. 737 Crest Ave., Bensenville, Ill.

Mrs. **ALGALIE MEINZ Pool, BS Ed., AM '51,** brings us up-to-date since the October *Alumnus*: she is now associate professor of art and Chairman of the Art Department at St. Cloud State College, and lives at 310 Fourth Ave., S., Apt. 307, St. Cloud, Minn. She received a Doctor of Education degree at Penn State University in August.

Navy Cdr. **CHARLES S. TANNER,** of 513 N. Kingshighway, Sikeston, Mo., was recently promoted to Commander while serving as executive officer of the Pacific Fleet amphibious assault ship USS Princeton. He has won the Distinguished Flying Cross and the Air Medal.

M. Sgt. **ROBERT E. MEANS,** formerly stationed at Davis-Monthan AFB at Tuc-

son and overseas in Africa, Italy, Corsica and Newfoundland, was recently assigned to the Windsor and Clinton area in Missouri as Air Force recruiter. Sgt. Means, his wife and son, live at 1841 S. Warren St., Sedalia, Mo.

42 HAROLD OWENS, BS Agr., MS '57, was one of five Missouri county agents who have been presented distinguished service awards by the National Association of County Agricultural Agents.

GRANVILLE E. COLLINS, AB, has joined the law firm of DUNCAN M. CUTHBERTSON, LLB '22, in Fulton, Mo. The Collins' have four children.

JAMES L. ISHAM, BJ, 544 Earston Rd., Kenilworth, Ill., has been elected executive vice-president in charge of creative services of Needham, Louis and Brorby, Inc., advertising agency. Mr. Isham has been in the advertising agency business for 15 years, and with NL & B since May, 1948. Mr. and Mrs. Isham have three children.

43 Dr. CHARLES E. WALTON, AM, Ph.D '53, associate professor of English at Kansas State Teachers College at Emporia, represented the University of Missouri at the inauguration of Francis L. Walters as President of the College in November. Dr. Walton lives at 1005 Constitution St., Emporia, Kans.

ROBERT A. BENTON, Jr., BS Agr., general partner of Manley, Bennett and Co. of Detroit, has been selected to head the Investment Bankers Association of America. He did post-graduate work at the University of Detroit and Wayne State University, and after separation from the Marine Corps in 1946, entered the investment business, becoming an allied member of the New York Stock Exchange and general partner of Manley, Bennett and Co. Mr. and Mrs. Benton (**MARIAN OPPENHEIM, '13**) have a son, Robert A. Benton, III. Their home address is 15810 Reedmere, Birmingham, Mich.

Dr. **JOHN E. KIRCHER, Ph. D,** has been promoted to general manager of Continental Oil Co. southwestern region, with headquarters at Fort Worth, Tex. He joined Conoco in 1951 as manager of the company's newly organized petrochemical department, and became general manager of that department in 1956, and was named executive assistant to the senior vice president two years later.

46 EZRA (ED) DITTERLINE, BS ME, is an engineer with Almirall & Co., Inc. (heating, air conditioning, power plants and piping) and lives at 55 Beacon Hill Rd., Pleasantville, N. Y.

Mrs. Andrew P. Bennett, Jr. (KATHRYN WUEST, BS Ed.) writes that she has been busy moving from St. Louis to Peoria. She and her husband and two children (Fred, 9, and Kathy, 6) now live at 1619 North Glendale, Peoria, Ill.

47 Dr. DAVID D. THOMASSON, BS Med., was recently given the Life Service Award by Southwest Baptist College, Bolivar, Mo. During his tour of military duty Dr. Thomasson attended Shrivener University in England, and Edinburgh University, Scotland. After his return to the U. S., he completed his medical degree at Washington University, St. Louis, interned in Dallas, Tex., where he specialized in pediatrics. He completed his residency training with the University of Utah at Salt Lake City General Hospital, and for the past eight years has been in private practice in Springfield, Mo. Dr. and Mrs. Thomasson and their four children, Susan, David, Sara and John, live at 2311 E. Glenwood, Springfield, Mo.

HUGH KEITH, BS Agr., MS '56, county extension agent of Randolph County, Mo., since 1950 was presented a Distinguished Service Award by the National Association of County Agricultural Agents during their annual meeting in Miami, Fla., in November. His home address is 401 Grand, Moberly, Mo.

JOHN W. SCHWADA, AM, is Comptroller and Budget Director for the State of Missouri. He lives at 1211 Winston Dr., Jefferson City, Mo. Dr. Schwada is on leave from the University faculty.

48 O. M. (JACK) TROYER, BS Agr., has been named manager of the Centralia, Mo., branch of Armour Agricultural Chemical Co. He was a salesman in the East St. Louis division since joining Armour in 1953; prior to that he was agricultural instructor in Wheatland, Mo. Mr. and Mrs. Troyer and their three children live in Centralia, Mo.

MARCUS HOLMAN, BS Agr., MS '56, was presented a Distinguished Service Award by the National Association of County Agricultural Agents at their annual meeting in Miami in November. The Holmans live at Ava, Mo.

State Rep. THOMAS D. GRAHAM, Jefferson City attorney, was elected speaker of the Missouri House of Representatives in December. Rep. Graham was first elected to the House of Representatives in 1950, and has served as chairman of the judiciary committee, on committees on legislative research, banks and banking, constitutional amendments and universities, school of mines, and state colleges. The Grahams have one son.

ROSS W. WEAVER, BS Agr., has recently been appointed Wright County

Extension Agent, at Hartville, Mo. Mr. and Mrs. Weaver have a 10 year old daughter.

GEORGE E. PARISH, BS Agr., is teaching at Van-Far High School, Vandalia, Mo. He has taught at Sugar Grove School, a veterans agriculture class at Palmyra, Mo., and at Frankford, Mo., High School.

49 RAYMOND L. RENNER, BS ME, is president of his own business, Eastern Technical Associates, Inc., at North Acton, Mass. He is a designer and manufacturer of precision equipment, some of which is used on the new nuclear submarines.

CHARLES J. SEE, BS EE, is Manager, Production Engineering, for the Sierra Electronic Division of Philco Corporation. He is a former sales and applications engineer for RCA Industrial Electronic Products, San Francisco. Mr. and Mrs. See (MARGARET LAVERNE SKAGGS, BS HE '49) and their three children live at 1062 Amarillo Ave., Palo Alto, Calif.

JOHN R. WILHITE teaches science and mathematics courses in Ste. Genevieve, Mo., high school.

SUMNER F. VANDERHOOF, BS Agr., for the past two years in the farm implement business in Kansas, is the new manager of the Farm Bureau Service Companies in Howard and Cooper Counties, Missouri. Following graduation he was a balanced farming agent in Macon County, Mo., and in 1951-52 was in the fertilizer business in that county, farmed there for three years, then became an irrigation engineer with Olin Mathieson Chemical Co. He and his wife and six children live in Pilot Grove, Mo.

CHARLES R. STEPHENSON, BS BA, sales manager for the Bay State Milling Co., Winona, Minn., graduated in December from the 16-week program for management development at Harvard Business School.

DALLAS NELSON, BJ, is vice-president of Sim & Gwynn advertising agency, Memphis, Tenn. The Nelsons had their third child, Cheryl Leigh, in October. Their home address is 4653 Chickasaw Rd., Memphis.

TED SPERLING, BJ, director of information, Metropolitan St. Louis Sewer District, was on the program of the 33rd annual meeting of the Water Pollution Control Federation, held in Philadelphia. He spoke on the public relations aspect of promoting a bond issue for sewage construction and improvement. In addition to his public relations duties, Sperling teaches English at Washington University and is a free-lance writer. He lives at 144 Slocum St., Webster Groves 19, Mo.

HOMER HENDRICKSON, AB, has left the staff of the Cleveland Plain Dealer to become marine writer on the Washington, D. C. staff of the New York Journal of Commerce.

50 LYLE V. McLAUGHLIN, BS CE, is district engineer for the Missouri State Highway Department with headquarters in Sikeston. He has been with the Highway Department since 1949, held positions of engineer inspector, resident engineer, and assistant district engineer, and was senior engineer in the Division of Surveys and Plans in the main office in Jefferson City. He and his wife and three sons live in Sikeston, Mo.

CHESTER BLACK, BS Agr., is county extension agent, Marion County, Mo. He has taught school in Edina, Mo., and served four years in the Navy before working for the Extension Service in Marion and Macon Counties. Mrs. Black is the former LUCY WINDSOR, BS HE '51, who has been a Home Agent in Kansas and Missouri. The Blacks and their three children (Linda, 6, Kevin, 4, and Ronald, 1) live in Palmyra, Mo.

B. B. WILKINS, BS EE, has been with Texaco in geophysics since January, 1951. He and his wife and 3-year-old son live at 11126 Atwell Dr., Houston 35, Tex.

WINSTON COOK, LLB, AB '48, 40 Kingshighway Blvd., St. Louis 8, Mo., is a partner in the law firm of Coburn, Croft & Cook, St. Louis.

NELSON ARNEY, M Ed., is principal of the high school at Cabool, Mo.

51 ROLLA E. CHANDLER, BS For., former officer-in-charge of the Bureau of Land Management's Southern Field Group, is now manager of the Land Office in Los Angeles. He joined the Bureau in Russellville, Ark., in 1951 as a forester, worked throughout the eastern states, and advanced to Chief, Land Classification and Forestry for BLM's Eastern States Office in 1956. Mr. and Mrs. Chandler (VELMA JEAN BREWSTER, '51) and their four children live at 14648 E. Lufkin Ave., La Puente, Calif.

WAYNE RICKETTS, LLB, AB '49, has a law office in Kansas City. The Ricketts have an eight-year-old daughter, Ann, and a boy, Thomas Wayne, born in June. They live at 6011 Chestnut, Kansas City 30, Mo.

JOE WESTERN, BJ, has sold his weekly newspaper at Odessa, Mo. and is now in Washington, D. C. as a member of the staff of the Wall Street Journal.

RICHARD E. KINGSLAND, BS BA, 8522 Frost, Berkeley, Mo., has been appointed to the industrial committee of the Berkeley City Council. He is a personnel manager and has lived in Berkeley for five years.

JOSEPH P. MENZZOPANE, Jr., AB, assistant advertising manager, Radio Station WJLK, Asbury Park, N. J., has just been reelected to serve his second three year term as Mayor in Shrewsbury Township. He has been with Station WJLK for 8 years. He and his wife and sons Joel, 11, and Mark, 9, live at 10 Belshaw Ave., Shrewsbury.

JAMES DONALD BAKER is director of public relations at Southwest Baptist College, Bolivar, Mo. He holds an AA degree from that college, and a B. D. degree from Central Baptist Theological Seminary; he has served pastorates at Drexel, Mo., and New Salem Church, Marshall, Mo. The Bakers have two small daughters.

WILLIAM R. GALL, BS BA, is staff conference leader for the Mead Johnson Institute, Evansville, Ind.

52 RUFUS C. LING, Ph. D, served as associate professor of physics at Franklin College, Indiana, 1952-55, as physicist 1955-57, and supervisory physicist, Ordnance Corps, Picatinny Arsenal. He was transferred to Army Research Office OCRD, in June 1960. He and Mrs. Ling and their two children live at 900 Bruce Lane, Annandale, Va.

ROBERT E. MURREY, BS Ed., M Ed. '57, is athletic director and head basketball and baseball coach at Clayton, Mo., High School. He and his wife (the former **DIANNE FLEMING**) and twin sons, Matthew and Michael (born in May, 1960), live at 8908 N. Swan, Brentwood 17, Mo.

Dr. WENDELL WEATHERS, recently with the U. S. Public Health Service, has opened dental offices at Sikeston, Mo. Dr. and Mrs. Weathers and their two daughters, Theresa and Sheila, live at 508 Carroll St., Sikeston.

53 GENE MURRAY, BJ, is the new editor of the Liberty (Mo.) Tribune. He was on the re-write desk of the Kansas City Star, and a former editor of the Gladstone News, Clay County. The Murrays and their small son, Charles, live at 615 Dixie, Liberty, Mo.

JOSEPH O. MINNICK, DVM, was recently named inspector in charge of the Davenport, Ia., station of the Meat Inspection Division of the USDA. He entered the service in Kansas City, Kan., in 1953, and in 1956 became inspector in charge at Menominee, Mich., transferring in 1958 to Omaha, Neb., in a supervisory position. Dr. and Mrs. Minnick have two daughters and a son.

54 Capt. GERALD H. BUCHANAN, AB, has returned to the States from duty in Italy. His address is AOCC #2-61, Arty. School,

Fort Sill, Okla. Mrs. Buchanan is the former **NANCY S. JESS, BS HE '55.**

HAROLD W. MOORE, AM, is manager of engineering computations in the advanced development activity division of General Electric Company. He and his wife and two children live at 3906 State St., Schenectady, N. Y.

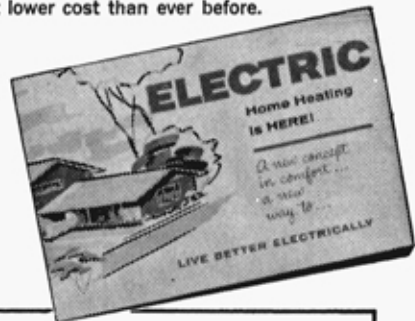
Mrs. George L. Spaar (**BETTY JO SIMPSON, BJ**) is the third generation of her family in the newspaper business. She and Mr. Spaar have recently purchased the Odessan from **JOE WEST-**

ERN, BJ '51. She worked on her father's paper, the Holden (Mo.) Progress until she married in 1956, later served as assistant editor of the Workbasket and Flower and Garden Magazine for Mid-America, both published in Kansas City. The Spaars and their two small boys live in Odessa, Mo.

57 JOSEPH E. HECKER, MD, AB '51, BS Med. '55, has been discharged from the Navy and has opened an office at 208 S. High St., Jackson, Mo. Dr. and Mrs. Hecker and

NEW LOW ELECTRIC RATES FOR HOME HEATING!

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



FREE!

Get the new booklet on Electric Heating. Learn about the various types of Electric Heating equipment, estimated operating costs and the budget payment plan for Electricity used in a completely All-Electric home. Call or ask for it at our office.

ELECTRIC HEATING brings benefits you may never have dreamed possible!

CLEAN . . . No flame, no smoke, no soot; cleaning and redecorating costs reduced.

SAFE . . . As safe as the electric light you read by.

ECONOMICAL . . . Electric Heating is reasonable in cost; usually cheapest to install and maintain.

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

KANSAS CITY POWER & LIGHT COMPANY

their two daughters live on Highway 42 West, Jackson.

ROBERT KNOERNSCHILD, BS Agr., is an agricultural technician for International Voluntary Service, and will work for two years from an experiment station in Vietnam. In 1959 he was the International Farm Youth Exchange delegate to Japan. He has a Masters degree in Horticulture from Michigan State University. Robert is the son of Mr. and Mrs. Arnold Knoernschild of Augusta, Mo.

PAUL W. LaDUE, BS BA, is the newly appointed controller at Lake Forest College, Lake Forest, Ill. He formerly served as assistant business manager and chief accountant, and has been a member of the college staff since January, 1959.

BERNIE MANUEL, route 2, Box 40, Burlington, Wis., is field editor for the Wisconsin Agriculturist, and has had three of his articles entered in the Congressional Record. Mr. and Mrs. Manuel (**HARRIET McCREDY**) have two small sons.

Mrs. **BETTY DEE PETERSON Olsen**, BS HE, is teaching dietitian on the school of nursing faculty at St. Joseph's Hospital, Lancaster, Pa. Her husband is assistant professor of chemistry at Franklin and Marshall College, and they live at 515 W. Lemon, Lancaster.

ROSCOE CREED, BJ, assistant advertising director, MFA Insurance Co., Columbia, was the speaker at Moberly (Mo.) Junior College homecoming celebration in October. Mr. Creed graduated from Moberly Junior College in 1955.

JACK R. HORTON, DVM, BS Agr. '57, is part-time city veterinarian for meat inspections, Columbia, Mo. He also has a private practice at Horton Animal Hospital, 739 Business Loop 70, West. He worked as a meat inspector in Chicago for Swift & Co., and has served two years as a captain in the Air Force.

CLARE DENT, AB, and **GINGER BRICE**, BS HE, live at 6329 N. Rosebury, Clayton, Mo. Clare is speech clinician with the St. Louis County Special District, and Ginger is fashion training supervisor at Famous-Barr Co., St. Louis.

KEITH BOYER, BS Agr., is associate county agent, Shelbyville, Mo. Mr. and Mrs. Boyer (formerly **RUTH ANN COLTON** '56) have three sons.

JIM FUNKHOUSER, BJ, is now deputy chief, news branch, public information office, George C. Marshall Space Flight Center of the National Aeronautics and Space Administration, Huntsville, Ala. Mr. Funkhouser's home address is 2237 Norwood Dr., Huntsville.

WILBUR P. TAPMEYER is assistant professor of chemistry in the Department of Chemical Engineering and Chemistry



Paul W. LaDue, '57

at Missouri School of Mines and Metallurgy, at Rolla, Mo., where he graduated with honors in 1947. He had taught at Southwest Baptist College at Bolivar, Mo., for a number of years, and is also a '42 graduate of that College. He is currently working on the completion of a doctorate from the University of Missouri.

EDWARD B. MULLEN, Jr., BS BA, is in the Chicago District Sales Office of the U. S. Steel Corp. Mr. and Mrs. Mullen (**NANCY SWEET** '58) recently became parents of their second daughter. Their home address is 127 W. Ash, Apt. D, Lombard, Ill.

Mrs. **RUTH (Ronnie) LANE SAWYER**, who was active in dramatics work on the campus, is continuing her stage experience with Little Theater groups. At Missouri in 1956 she appeared in "Boardwalk" in Workshop's one-act play contest and was voted "best actress." She did makeup for "The Rainmaker" and "Dust of the Road," and had a leading role in "Good Housekeeping," a Starlight Theater production in the summer of 1956. Her husband is Maj. B. E. SAWYER, AM, who is presently enrolled at the Armed Forces Staff College at U. S. Naval Amphibious Base, Little Creek, Norfolk, Va. Because of frequent moves with her officer-husband, Mrs. Sawyer has joined amateur theatrical groups in several cities and military camps, appearing at Ft. Benning, Ga., Ft. Leavenworth, Kan., Columbia, Mo. and Springfield, Va. Her latest performance was last month with the Little Creek Players in their production of "Sabrina Fair" in which she had the role of Sabrina. Mrs. Sawyer, formerly of Mount Vernon, Mo., studied dramatics at Brown University and received further training at M. U. Major and Mrs. Sawyer have two sons and a daughter. Their address is 6939 Beryl Rd., Bren Mar Park, Alexandria, Va.

GORDON O. JOHNSON, M Ed., is an assistant professor of industrial education, Western Michigan University at Kalamazoo. He had been supervisor of industrial education at M. U.

PHILLIP PULLEY, BS Agr., is assistant county agent, Macon County, Mo. For the past three years, Mr. Pulley has been employed by the North Carolina State Department of Agriculture, in the livestock marketing division.

ROBERT P. BOTTS, DVM, presented findings of heart disease in dogs to the U. S. Public Health Service officers at the national meeting of the Heart Disease Control Program in St. Louis, prior to the American Heart Association annual meeting. Dr. Botts is a veterinary officer in the Public Health Service Commissioned Corps, assigned to the University of Pennsylvania School of Veterinary Medicine in Philadelphia.

JAMES ROLLINS HOAG, BJ, editor of the St. Louis Ford News, recently received the First Award for his plant newspaper, by the Southwest Conference of Industrial Editors at their annual convention in Dallas. He lives at 33 Steeplechase, St. Peters, Mo. Jim, who is also recreational director at the St. Louis Ford Plant, is the son of Mrs. **VIOLA ROLLINS Greason**, BJ '29, 2512 Melvin, Brentwood 17, Mo.

BEN ELY, Jr., AB, 1907 Harrison Hill, Hannibal, Mo., graduated in June from the Washington University Law School, where he won first place at the Breckenridge trial practice in his senior year. He is now in training at Fort Leonard Wood, Mo.

TED THORNBURG, BS Agr., is assistant superintendent of transportation, Wabash Railroad Co., Montpelier, Ohio.



Ruth Lane Sawyer, '57

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BILLY C. BRANTLEY, BS Agr., AM '58, is assistant editor of Successful Farming magazine, a Meredith publication. The Brantleys moved from Lawton, Okla., where Bill was information officer at Fort Sill, to 2809 Meadow Lane, West Des Moines, Iowa.

THOMAS J. FISCHER, MD, BS Med. '55, is associated with Dr. Merrill J. Roller in Hannibal, Mo., in the practice of medicine and general surgery. Mrs. Fischer is the former ELIZABETH JEAN HITZ, BS Nur. '56. Dr. Fischer completed his internship at Bellevue Hospital, New York City, and obtained his surgical training at St. Luke's Hospital in St. Louis.

DENNIS DRAKE, MD, AB '54, BS Med. '55, recently began a three-year residency at Walter Reed Hospital, Washington, D. C. Dr. and Mrs. Drake (BETTY ARMSTRONG, BS Ed. '57) have three sons: David, 6, Stephen, 3, and Robert Scott, 1.

JOSEPH C. ARMSTRONG, BS Ed., MS '59, is enrolled in Tulane University, working toward a doctorate degree. He recently visited his parents, Mr. and Mrs. K. L. Armstrong, 207 South Ann St., Columbia, Mo.

GLEN A. W. KLEINE, BS Ed., AM '59, was awarded a fellowship from the Newspaper Fund, Inc., of New York, for summer study in journalism at Indiana University. He taught art and was journalism adviser at Mehlville (Mo.) Junior High School during the 1959-60 school year, and is teaching journalism and civics at Mehlville Senior High School in Lemay, Mo., this year. Mr. and Mrs. Kleine (formerly Joan Kay Johnson, graduate of Stephens College) live at 8206 Michigan Ave., St. Louis 11, Mo.

Mrs. William H. Vaughn (SHARON RODERICK, BS Ed.) is teaching a class of mentally retarded children at a State Training Center in Douglass School, Columbia, Mo. Her husband, WILLIAM H. VAUGHN, BS BA '57, is enrolled in graduate school at the University. They live at 806 Leawood Terrace, Columbia.

GLENNON HORNER, MD, BS Med. (WD) '55, has joined Dr. ROBERT W. SMITH, BS Med. '41, and Dr. George Gary in the practice of medicine at Marcelline, Mo. Dr. Horner has been stationed at Richards Gebauer AFB for the past two years. Dr. and Mrs. Horner and their four daughters live on East Lake St., Marcelline.

58 DORIS JEAN MAGRUDER, BS Nur. '58, and DELORES KOFTAN, BS Ed. '58, live at 1050 Sherman, Apt. 206, Denver 3, Colo. Doris writes that she is working at Presbyterian Hospital in Denver.



Billy C. Brantley, '57

BOB ATKIN, M Ed., is administrative assistant in the Rolla, Mo., High School, and is doing further graduate study at M.U. He was principal at Oak Grove, Mo., for 6 years; this is his third year at Rolla. Mr. and Mrs. Atkins have two sons: John Richard, 5, and Steven Paul, 3.

LOWELL W. BONIFIELD, BS Agr., is a cotton classifier in the Cotton Division, USDA. Mr. and Mrs. Bonifield (BETTY ANN MERCER '56) and their three sons (Byron, 4, Von, 3, and Mitchell, 1) live at 1033 N. Mesa, Carlsbad, N. M.

Mrs. George T. Goble (SARI ANN GARGAS, BJ) and her husband, who is an optometrist, live in Kennett, Mo.

1/Lt. ROBERT A. KUTZNER, BS Agr., recently completed a six-week aircraft qualification course at Army Aviation School, Ft. Rucker, Ala.

DAVID B. DOWD, BS BA, is realty assistant in the acquisition and disposal division of the public buildings service of the General Services Administration, 2306 E. Bannister Rd., Kansas City 31, Mo.

Lt. DONALD K. KIRBY, BS EE, MS '60, is with the Air Force Ballistic Missile Division. He lives at 737 N. Inglewood Ave., Inglewood, Calif.

SAM HARDINGER, BS Agr., is on the staff of Riffel's Flowers and Greenhouse at Clinton, Mo. After completing a tour of duty with the Army in Korea, he attended the Cliff Mann Floral Design School in Denver, and joined the Riffel staff in July 1960.

WALTER McFARLAND, M Ed., recently won the \$24,000 first prize in the Crossword Quizzer puzzle in the St. Louis Globe-Democrat. He has been elementary school principal at Hillsboro R-3 School

for five years. The McFarlands have an eight-year-old daughter (and probably a new arrival by the time you read this).

WILLIAM D. KLOUD, BS Agr., was recently promoted to first lieutenant at Fort Hood, Tex., where he is serving with the 1st Armored Division, 73rd Artillery, as a communications officer. His home address is 3210 January Ave., St. Louis, Mo.

Marine 1/Lt. GALE L. NEWMAN, AB, received his designation as a Naval Aviator in August after completing a flight training program at Pensacola NAS. Lt. Newman's home address is 923 Armstrong St., West Plains, Mo.

MARVIN LINSENBARDT, BE EE, 641 W. 61st Terr., Kansas City 13, Mo., an engineer with Bendix Aviation Corp., has recently become a Life Member of the Missouri Alumni Association.

WILLIAM A. LUFT, BS BA, is an accounting management trainee for Andrew Jergens Co., and writes that he is interested in contacting any of his former classmates living near him; his address is 1407 West Alameda, Apt. D, Burbank, Calif.

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ALBERT NYBERG, BS Agr., was awarded an assistantship at Cornell University, where he is doing specialist work in agriculture marketing research, and is working toward a Masters Degree in agriculture.

Lt. and Mrs. JAMES W. SCOTT, BS Agr., Leslie, Mo., are Life Members of the Missouri Alumni Association. Mrs. Scott is the former CAROLYN TEMME, BS Ed. '58.

GEORGE P. EKERN, LLB, AB '53, 9303 Shore Rd., Apt. cc, Brooklyn 9, New York, is now with the law firm of Dewey, Ballantine, Bushby, Palmer & Wood, 40 Wall St., New York. In the summer of 1954, Mr. Ekern attended the University of Oslo, Norway, and in 1959-60 studied at the London School of Economics, University of London, England, on a Rotary District Fellowship.

KEITH E. MATTERN, LLB, and CHARLES CLAYTON, LLB, AB '56, are partners in the law firm of Clayton and Mattern, 1926 Railway Exchange Bldg., 611 Olive St., St. Louis 1, Mo.

BARBARA TRENT, BS Ed., is teaching mentally handicapped children at Denali elementary school, Anchorage, Alaska. For the past two years she has been teaching handicapped children in Key West, Fla., and attending Columbia University in the summers, working toward her Masters degree.

TED YORK, Jr., BS Agr., is manager of the Bucoda Gin at Senath, Mo.

ADOLPH H. KNEHANS, Jr., AB, of 211 Springfield Rd., Owensville, Mo., was promoted to first lieutenant at Fort Sill in August. He is an intelligence officer in the 2nd Howitzer Battalion, 13th Artillery.

Mr. and Mrs. Paul Clark, Irwin Apts., Hamilton, Mo., announce the birth of their first child, Zoe Ann, born Sept. 1, 1960. Mrs. Clark is the former MARY ANN HORNECKER, BS Nur. '58, and has been employed at Cameron Community Hospital. PAUL J. CLARK, BS CE '58, is an inspector in the construction division of the Missouri State Highway Department.

MARJORIE SCOTT, BS HE, is a department manager at T. A. Chapman Co., Milwaukee. Her address is 724 N. 14th, Apt. 201, Milwaukee 3, Wis.

DUANE LUALLIN, BS Ch. E., has joined the technical staff of the Esso Research Laboratories, P.O. Box 551, Baton Rouge, La.

CARL S. OSTERLOH, BS BA, is a salesman for Procter & Gamble. Mrs. Osterloh (CAROL LEBER, BS Ed. '58) is teaching first grade at Graceland School. They live at 1078 Craft Rd., Apt. 4, Memphis 16, Tenn.



Col. Jackson, Pvt. Werly

59 Pvt. ROBERT H. WERLY, BJ, of Kansas City, Mo., received his diploma from a fellow alumnus, Col. WILLIAM F. JACKSON, BJ '32, commandant, U. S. Army Information School, Fort Slocum, N. Y. at recent graduation ceremonies at the school. Werly, who led his class academically, is now stationed at the Army Home Town News Center in Kansas City as a

broadcast specialist. Entering the Army in February, he completed basic training at Fort Leonard Wood. He is a member of Sigma Delta Chi and was employed by KXEO in Mexico, Mo. before entering the Army. His home address is 625 E. 65th Terr., Kansas City.

JOHN O. MOZIER, DVM, BS Agr., is engaged in general practice in Wentzville, Mo., after a year in Goshen, Ind. The Moziers and their two sons, John, Jr., and Ned Michael, live at 1008 Pittman Ave., Wentzville.

RAY DALTON TEROY, AB, enrolled at Union Theological Seminary in Richmond, Va., and is now at Louisville Presbyterian Theological Seminary, 109 E. Broadway, Louisville 2, Ky. The Teroys (she is the former PATRICIA LYNNE GROF, AB '59) have a son, David Dalton Teroy, born in June, 1960.

JOHN G. DAVIS, BS Agr., Rural Route, Fayette, Mo., finished an eight weeks training course at Fort Sill, Okla., in July.

JOE R. ELLIS, LLB, AB '54, is a law partner in the firm of Ellis & Ellis at Cassville, Mo. He and Mrs. Ellis (JO ANNE CRIDER, BJ '60) live on Rainbow Drive in Cassville. Mrs. Ellis is legal secretary to the law firm.

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IRA G. GILE, BS ME, has joined the staff of the Knolls Atomic Power Laboratory as a test engineer on the SAR project which developed the twin reactors for the submarine Triton. Mr. and Mrs. Gile live at 15 Swan St., Schenectady, N. Y.

2/Lt. JAMES T. HERFURTH, BS BA, of 223 N. Spruce, Eldon, Mo., completed airborne training at Fort Benning, Ga., in July.

WILMA STRAUSSER, BS HE, completed a one-year dietetic internship at the University of Oklahoma Medical Center in August. She is now on the staff of Burge Hospital, Springfield, Mo.

WALTER G. HELD, Jr., BS Agr., MS '60, is agricultural economist for Feeds and Grains Section of Marketing Economics, Research Division, AMS, USDA, Washington, D. C. He and his wife and daughter live at 3104 Gaylor Pl., Silver Spring, Md.

EDWARD JUNJI YASUDA, BS EE, received his BS in Meteorology from Penn State University in August.

BILLY D. VINEYARD, Ph.D., has joined the research department of Monsanto Chemical Company's Organic Chemicals Division at St. Louis, after serving with the Celanese Corp. at Clarkwood, Tex.

Mrs. Wayne Sterrett (ALMA JANE CLARK, BS Ed.) taught fourth grade in Quincy, Ill., during the 1959-60 school year. The Sterretts are now living in Ashland, Ill.

2/Lt. DONALD R. CARTER, BS Agr., of Route 1, Malta Bend, Mo., completed the missile officer basic course in August at the Air Defense School, Fort Bliss, Tex.

RICHARD H. PEERSON, BS Ed., M Ed. '60, and Mrs. Peerson (JANICE EGNER, BS Ed. '60) spent the summer in Independence, Mo. They are both teaching school in San Diego, Calif. Richard is the son of BERNAL D. PEERSON '16, 150 E. Kansas, Independence, Mo.

DORIS ANN COLLIER is now employed with the international division of Klau Van Petersom Dunlop advertising agency in Milwaukee, Wis. She is a 1960 graduate of journalism of Marquette University, Milwaukee.

2/Lt. ARNOLD E. GAST, BS BA, of 8605 Delmar Ave., University City, Mo., was assigned to the 90th Artillery, an Honest-John missile unit at Fort Bliss, Tex., in August.

LEROY BOECKELMAN, BS Agr., of Middletown, Mo., is teaching vocational agriculture in the R-1 high school. Mr. and Mrs. Boeckelman (JAYNE BORGELT, BS Ed. '60) have a son, Keith Allen, born in September.

LEON L. LICHTERMAN, BSF, district forester at Neosho, Mo., for the past year, is now forester in the Lake Ozark district with headquarters in Camdenon, Mo.

MARY ANN DORSEY, BS HE, received an M.S. degree in home economics from Oklahoma State University in August. She is national traveling secretary for Gamma Phi Beta, and will be assisting 64 chapters in the U. S. and 5 chapters in Canada. Mary Ann is the daughter of Mr. and Mrs. John B. Dorsey, Stet. Mo.

2/Lt. JAMES C. BAKER, BS Agr., of Route 1, Braymer, Mo., completed the 17-week field artillery officer basic course in August at Fort Sill, Okla.

ROBERT J. FRANK, AB, is enrolled in the School of Medicine at Northwestern University. His address is 710 N. Lakeshore Dr., Chicago 11, Ill.

KARL YEHLE, BJ, is employed with Valentine-Radford Advertising Agency, Kansas City. His address is 708 W. 48th St., Kansas City, Mo.

SHERMAN TARR, BJ, 45 Virginia St., Springfield, Mass., is a news reporter on WTIC radio and television, Hartford, Conn.

MARIAN COURANZ Miller, BS HE, and LOWELL D. MILLER, BS Agr. '57, MS '58, are parents of a boy, Lowell Donald, Jr., born September 3, 1960. They live at 10 Webster Ct., Decatur, Ill., where Dr. Miller is head of the biochemistry research laboratory for a pharmacology company.

2/Lt. HARRY L. HEFLIN, AB, Colonial Hotel, Warrenton, Mo., completed the airborne course at the Infantry School, Fort Benning, Ga., in September.

TAYLOR WOODS, DVM, BS Agr. '59, has purchased the real estate and practice of Dr. Lee Sutherland in Ava, Mo. Dr. and Mrs. Woods have two children: Danny, 2½, and Tyra, 1.

Lt. JOHN A. SEITZ, III, BS PA, writes that three other '59 graduates and himself have completed the Regular Army Artillery Officer Basic Course in field artillery, cannons and missiles at Fort Bragg, N. C. The others are: Lt. ANDREW D. COSBY, BJ; Lt. LEONARD FRIESZ, BS EE; and Lt. JOHN H. McFADDEN, AB. Lt. Seitz's address is Battery B (105MM) (Airborne), 319th Artillery, 82nd Airborne Div., Fort Bragg, N. C.

Mrs. Bill Rubright, formerly EMILIE KOHLSTAEDT, has a 4-month-old son, David Charles. She recently resigned from the editorial staff of General Practitioner magazine in Kansas City. The Rubrights live at 3537 Denver Dr., Kansas City, Mo.

Lt. FRED L. ALEXANDER, BS EE, MS '60, is with the Air Force Ballistic Missile Division in Los Angeles. His home address is Route 2, Rockville, Mo.

60 Mrs. GLORIA RUTH KRUSE Foster, BS Nur., and VIRGIL FOSTER, BS BA '59, are parents of a son, Paul Timothy, born in July. Mr. Foster is credit manager for a department store, and the family lives at 1421 N. Broadway, Springfield, Mo.

Fort Sill, Okla., has trained a number of Missouri grads this year: 2/Lt. RAGNAR L. LINDBERG, BS CE, 71 E. Greenwood, Kirkwood, Mo., and 2/Lt. THOMAS V. SCALES, BS IE, 401 E. Washington, Kennett, Mo., completed the 17-week field artillery training course in July. 2/Lt. RONALD K. DUNCAN, BS Agr., 5321 Booth, Kansas City, Mo., completed the course in August. 2/Lt. ROBERT W. ENSMINGER, BS BA, 1821 Brownell, Kansas City, Mo.; 2/Lt. LEE M. FARMER, BS Agr., Clarence, Mo.; 2/Lt. CLAUDE S. LEWIS, BJ, 8017 Washington, St. Louis, Mo.; 2/Lt. WILLIS M. TOWNSEND, BS Agr., Baring, Mo.; and 2/Lt. CHARLES R. EHLERT, BJ, 1007 Roache St., California, Mo., all completed 12-week artillery officer orientation courses in October and November.

PAUL A. JACKSON, BS BA, has been appointed claims examiner in the Social Security Administration of the Department of Health, Education and Welfare, Springfield, Mo.

2/Lt. MARTHA S. JOHNSON, BS Nur. Ed., recently completed the 9-wk. military nursing orientation course at Brooke Army Medical Center, Fort Sam Houston, Tex. She is the daughter of Mr. and Mrs. R. D. Johnson, 1500 E. Broadway, Columbia, Mo.



Martha S. Johnson, '60

Mrs. Curt Robertson (MARY LOU KIMBELL, BS Nur.) is college nurse at William Woods College, Fulton, Mo.

JOHN L. HOUSE, DVM, is a veterinarian at Shelbina, Mo.

D. F. MORRIS, DVM, has opened a new veterinary clinic at 701 N. Kingshighway, Sikeston, Mo.

2/Lt. DONALD D. PIDCOCK, AB, 5533 Sutherland, St. Louis, Mo.; 2/Lt. BERNARD N. FRANK, LLB, 7361 Tulane, University City, Mo.; and 2/Lt. LAWRENCE L. STEINMETZ, AM, 915 E. Ninth St., Rolla, Mo., completed missile officer basis courses in October at the Air Defense School, Fort Bliss, Tex.

Ensign THOMAS W. RHODES, BS BA, 774 Browness, Glendale, Mo., was commissioned in July at Pensacola NAS, Fla., and was assigned to Saufley Field NAAS, Pensacola, for primary flight training.

Ens. THOMAS A. WESTHUS, AB, 3625a Bamberger, St. Louis, Mo., graduated in August from the Naval Officers Candidate School at Newport, R. I.

2/Lt. LOREN C. BOLINE, BS CE, 2239 Blue Ridge, Kansas City, Mo., is now stationed with the 7th Infantry Division Artillery at McDonald Barracks in Korea.

DONALD L. BARNES, LLB, 909 W. Tenth St., Sedalia, Mo., was recently assigned to the 205th Military Police Co. at Fort Leavenworth, Kan., home of the Army's Command and General Staff College.

Pvt. CHARLES S. CRIVELLO, BJ, 2436 Henderson St., Alton, Ill., has completed an eight weeks training course in automotive maintenance at Fort Knox, Ky.

DON LEDBETTER, BS Agr., is teaching vocational agriculture at Mound City, Mo.

Lt. ROBERT C. STOCKWOOD, Jr., MD, AB '56, recently began a one-year internship at Fitzsimmons General Hospital, Denver.

LYLE E. WOOD, BS Agr., is a warehouse examiner (grain) in the Storage Management Division of the USDA, Kansas City CSS Commodity Office, 560 Westport Rd., Kansas City 41, Mo.

RICHARD M. MOON, AB, is enrolled in Louisville Presbyterian Theological Seminary, Louisville 2, Ky.

Three 1960 graduates are teaching in the public schools of Tulsa, Okla., this year: SUE LIVESAY, BS Ed., SUZANNE TEIS, BS Ed., and RICHARD L. ODGERS, AB.



Missouri's Homecoming Queen and her attendants as they appeared in St. Louis during their state rounds. The Queen, Dusene Vunovich, is in center; at left is Sue Brace, and at right, Diane Lewis.

JOHN PETE SCHMIDT, BJ, formerly with the Tri-County News at King City, Mo., is news editor of the Centralia Fire-side Guard. The Schmidts and their two small children live in Centralia, Mo.

LOIS ANN MEYER, BS HE (Journ.) is Home Service Director of the Missouri Natural Gas Company, Farmington, Mo.

Doctors WAYNE BOYDSTON and CATHERINE D. BOYDSTON, both MD '60, plan to open a new medical practice in Odessa, Mo., as soon as he completes his internship at Kansas City General Hospital.

JACK MARTIN has accepted an assistantship to continue his graduate work on his Doctorate at the University of Florida at Gainesville.

WILLIAM S. COMFORT, BS BA, is a representative of the Massachusetts Life Insurance Co. in St. Louis. His address is 7438 Carleton, University City, Mo.

Lt. JAMES WILSON, AM, is social studies teacher and coach at Mexico Military Academy, Mexico, Mo.

PERRIAN WINGET, BS Ed., is the new chief deputy juvenile officer for the 11th and 12th judicial circuits, Missouri, and is assigned to Mexico, Mo. He is doing graduate work toward his masters degree in social work at M.U., and he and his wife and three children (Patricia, 5, Michael, 4, and David, 2) live at 809 N. Jefferson, Mexico, Mo.

EDMUND BOHL, Jr., BS Agr., Hermann, Mo., is an International Farm Youth Exchange delegate to Australia this winter.

DONALD W. COX, BS, recently joined the quality control group of the Polymer Service Laboratories, U. S. Industrial Chemicals, Tuscola, Ill.

BETTY JANE PALMER, is a port receptionist with the U. S. Dept. of Justice in the Immigration and Naturalization service, and is stationed at Vancouver, British Columbia, Canada. She is the daughter of Mr. and Mrs. Howard Palmer, 219 W. Broadway, Columbia, Mo.

weddings

59

Beth Elaine Mummert and RAYMOND WONG, BJ '59, July 24 in Coffeyville, Kan. Mr. Wong is news editor of the Coffeyville Daily Journal, and after a two-week honeymoon in Hong-kong (Mr. Wong's home town) the couple returned to their home at 602½ Beech St., Coffeyville.

60

JULIANNE STEAVENSON, BS Ed., and Joseph Wayman, now enrolled in the University, August 13, in Elsberry, Mo. Mrs. Wayman is teaching school in Mexico, Mo., and the couple lives at 1105 S. Jefferson St., Mexico.

ADDIANN FRANCIS, BJ, to WILLIAM HINDS '55, September 3, in Bonne Terre, Mo. They live on Route 5, Vandiver Drive, Columbia, Mo., where Mr. Hinds is a senior in the College of Education at the University. Mrs. Hinds is a news consultant at the University Medical Center.

KATHRYN ELEFSON, AB, and Gayle Sacry, July 24, in Butler, Mo. They live in St. Louis, where both are attending school.

CAROL ANN KREHBIEL, BS Ed., and JAMES BRANTLEY JUDD, BS BA, August 15, in Trenton, Mo. They are living in Ann Arbor, Mich., where they are attending the University of Michigan.

CYNTHIA DRAKE, BS Ed., and CONRAD KEITH LARSON, BS EE '59, July 23, in Columbia, Mo. He is employed by Wagner Electric Co., St. Louis, Mo., and she is teaching second grade in Florissant, Mo.

Evelyn F. Zwahl and NORVELL WILLIAM EMERSON, June 25, in Ridge-way, N. J. They are living in Washington, D. C., and Mr. Emerson is attending Georgetown University.

DORIS LEE KUGEL and JOE EAGLEMAN, BS Agr. '59, August 20, in New Haven, Mo. They live in Valley Trailer Court, Columbia, Mo., and Mr. Eagleman is enrolled in graduate school at the University.

deaths

BEN MULLINS, '06, Dec. 13, 1960, of a heart attack. He is survived by his wife, Mrs. NORMA ROTH Mullins. AB '08, of Linneus, Mo.

THEODORE BRIELL, BS ME '07, Feb. 29, 1960, in St. Louis, Mo., of uremia.

JOHN B. DEAN, BS CE '08, June 18, 1960, in St. Louis.

JASPER N. (PAT) CASTLIO, CE '11, of a heart attack at Little Rock, Ark. He served in WW I, and after the war operated a cotton plantation and gin at England, Ark. Later he was in the wholesale grocery and feed business in Campbell, Mo., and dragline contracting work in Arkansas, and strip coal mining in Oklahoma. His last active work before retirement was project engineer for Mehler & Co., consulting engineers of Little Rock. Mr. Castlio is survived by his wife, two sisters, and three brothers, one of whom is IDUS M.

CASTLIO, '21, Riverdale Farms, Luxora, Ark.

KATHRINE FRANKEN, BS Ed. '12, in an automobile accident, Nov. 22, near Waverly, Mo. She was a psychology instructor at Missouri State College in Maryville for 30 years, and retired in 1952. She is survived by three sisters, CLARA FRANKEN, AB '25, MARY MARGARET FRANKEN, BS ED. '12, Irene Franken, and URBAN FRANKEN, BS Agr. '25. The sisters all lived together at 205 E. 5th St., Norborne, Mo.

ROBERT LEE KINCAID, '16, May 21, 1960 in the University of Tennessee Memorial Research Center and Hospital at Knoxville, Tenn. For eleven years he was president of Lincoln Memorial University, Cumberland Gap, Tenn., the first alumnus of LMU to hold that office. During WW I served as an instructor at Fort Scott in San Francisco. He returned to LMU as University Correspondent and in 1919 became Secretary of the University, in 1920 was appointed principal of the Commercial department, and served as editor-in-chief of the Mountain Herald, and associate editor of the Railsplitter, publications of LMU. He later became managing editor of the Middlesboro, Ky., Daily News, in 1924 became business manager of the Grafton (W. Va.) Sentinel, and after a serious illness forced his resignation, returned to LMU as secretary to the business manager. In 1926 he formed a company which bought the Middlesboro Daily News and was managing editor of that newspaper until 1937, meantime becoming a trustee of LMU, where he was awarded an honorary Doctor of Laws degree in 1937. He returned to the campus as executive vice-president and reinstated the Herald, renaming it the Lincoln Herald, and retained his active interest in the publication through his presidency of LMU, from 1947 to 1958, when he retired from the presidency but continue to serve as associate editor of the Lincoln Herald. He is survived by his wife, of Middlesboro, Ky., and a daughter and granddaughter.

Dr. CLARENCE G. DRUM, AB '21, Nov. 25, of heart disease. He received his medical degree from St. Louis University and had been in practice since 1925 at offices at 1927a Union Bldg., St. Louis. He also owned a farm at Warrenton, Mo., where he raised Black Angus cattle. Dr. Drum is survived by his wife, Dr. Helen A. Drum, 1412 Spoede Rd., Creve Coeur, Mo., and a daughter.

RALPH HUBBELL, BS Agr. '26, December 5, in Milwaukee, of a stroke. He was district manager of the firm of Shaw-Barton Calendars and Specialties. Mr. Hubbell is survived by his wife, 4035 N. 110th St., Wauwatosa 16, Wis., two sons and a daughter.

ERNEST LEROY McCLYMOND, '31, Nov. 26, at Joplin, Mo. He taught physics at Drury college in 1941-47 and had been on the faculty of Joplin College. He had taught at Garden City, Kan., and had worked at Springfield, Mo., as city surveyor. He is survived by a daughter, Mrs. Edwin C. Waters, 2108 Holland, Springfield, Mo.

ALLEN W. WALKER, Jr., LLB '35, in November. He established a law office in Houston, Tex., and was successful there until he entered the Army. During his enlistment his health failed and he returned to Fayette, Mo. to serve as clerk of the selective service board for a time. He is survived by his mother, Mrs. Clementine Walker, of Fayette, and a sister, Mrs. DOROTHY WALKER Boone, 4010 Inverness Dr., Houston, Tex.

THOMAS G. DOUGLASS '37, Dec. 3, at Senath, Mo. He taught in Dunklin County, Mo., schools from 1905 until he was elected county superintendent of schools in 1927. He served in this post until 1941 when he resigned to become postmaster at Senath. He retired from this position in 1957. He was mayor of Senath from 1914 until 1920, and was active in civic and educational organizations. He is survived by his wife and five daughters.

Dr. LAWRENCE M. HEPPLER, AM '40, Ph. D. '46, Nov. 22, at his home, 6106 W. 68th St., Overland Park, Kans. of a heart ailment. He was a professor of sociology of religion at the National Methodist Theological Seminary. He taught at the University of Missouri for many years before joining the seminary faculty in September. Dr. Hepple was also an ordained Methodist minister and had served as pastor of churches in Paris and Louisiana, Mo. He is survived by his wife, the former ESTHER OXLEY, AB '26, AM '32, who taught for many years at Christian College in Columbia.

NANCY ROSE JONES, BS Ed. '59, Dec. 24, as the result of an automobile accident near Kirksville, Mo. She was driving to Columbia, Mo., to spend the holidays with her parents, Mr. and Mrs. R. T. Jones, 105 W. Blvd., N. Nancy was teaching school in Denver. In addition to her parents, she is survived by two sisters, Mrs. A. Wayne Smith of Columbia, Mrs. MARY LOU JONES Mansur '47, of Dallas, and RICHARD T. JONES BS BA '50, of Dodge City, Kan.

Ens. WILLIAM W. CAIN, BS Agr., '60, Oct. 12, when his Navy jet training plane crashed at Eglin AFB near Pensacola, Fla. He is survived by his wife, the former Susan Selbert, of 855 Providence Ave., Webster Groves, Mo. and by his parents, Mr. and Mrs. William J. Cain, 9111 Delphine Ave., Overland, Mo.

Honors Program

continued from page 5



history as a discipline, to define the assumptions which underlie historical study, to analyze the way in which history has been written through the ages, and to explore the technical aspects of writing history. During his senior year, the Honors candidate will again enroll for three hours each semester, but at this stage the emphasis shifts from the methodological to the substantive. The student decides on a special field of interest, and in the first semester undertakes a course of special readings with the professor of his choice. In the second semester he attacks a research problem in the special field in which he has been reading, produces a research paper, and stands an oral examination on his paper and his work generally in history. Only with the successful completion of this work is he eligible for a Bachelor of Arts with Honors in History. It should be added that the Honors Program in History is taken in conjunction with the usual upper class courses in history and forms only a part of the total history area of concentration.

It is on the departmental level that the Honors Program joins the Three Year Master's Program. Two general approaches have been used to define this relationship. In one instance departments establish separate programs leading to the Bachelor's degree with Honors and the Bachelor's and Master's degrees with Honors. Where two curricula are involved, the student must declare his intent at the opening of the program, and the differences are great enough to make planning changes difficult and inconvenient. The second and more generally used approach is to work the two programs together making the requirements for the Bachelor's degree with Honors synonymous with the requirements for the first two years of the Three Year Master's Program. This method has obvious advantages in flexibility, and in time it may be expected that departmental honors programs will generally be the same as the first two years of the Three Year Master's Program.

The History plan outlined above accommodates both the B.A. with Honors and the Three Year M.A. The latter requires specialized study and writing during both the junior and senior years, and this is provided in the History Pro-Seminar and the individual reading and research projects. In the first year of graduate study a normal M.A. program is taken except that additional seminar work continues the intensive research and writing which the program emphasizes. In those departments requiring an M.A. thesis, the thesis fills the research requirements.

APART FROM THE SPECIALIZED TRAINING built into the undergraduate program, two specific requirements differentiate the Honors M.A. from the normal Master's. The first of these is that the candidate for an M.A. with Honors must pass both foreign language examinations normally required for the Ph.D. This requirement means that a student should begin a second language in the first semester of his sophomore year. Freshmen entering the University are told at the time of their first registration of the opportunities offered by the general Honors Program and the Three Year Master's Program, and are urged to consider their vocational goals early and in the light of those opportunities. The Honors advisers continue to remind the students of these opportunities, and urge strongly that those who are interested take the language work necessary to qualify them for the Three Year Program. Some departments are considering making two languages the requirement for departmental honors so that each student will be prepared to take advantage of the Three Year Master's Program. But whatever the mechanism used, whether advising or formal requirements, the Program strongly emphasizes foreign language, an emphasis which is essential in the world in which we live.

The second major difference between the Honors M.A. and the regular degree is a requirement involving teaching experience. During the first year of graduate study the Honors M.A. candidate must have the opportunity to perform actively in a classroom. This requirement is not merely perfunctory. Candidates will have the opportunity to do section work in underclass survey courses and also to deliver lectures in their fields of specialization. In some instances special "teaching courses" under the direction of the department are being used, and these involve both theoretical work and practical experience.

The advantages attached to the Honors M.A. are enormous, for candidates will be better prepared for college teaching, and they will also have completed a significant portion of the work for the Ph.D. should they decide to continue. In the first instance, the desperate need for college teachers requires immediate measures to maintain high college standards, and strengthening the M.A. program should do exactly that. The well-integrated undergraduate program taken in conjunction with the special teacher training and language work make the Honors M.A. a very strong degree and one which should be extremely

useful in meeting the college challenge. Beyond that, many students in the Honors program will be qualified to undertake the Ph.D. These people will find that the Honors plan should enable them to complete their Ph.D. program from one to three years sooner than has been the norm, and this will provide an immense saving in time, talent, and money. Students going for the Ph.D. have needed on the average more than five years beyond the B.A. and many have taken much longer than that. The Honors M.A. should make it possible for the Ph.D. to be completed within three years of the B.A., four at the most, and this will help further to narrow the gap between the need for college teachers and the supply and at the same time maintain the high standards requisite for the Ph.D.

The Honors M.A. should be viewed, however as only one part of a fully integrated Honors program at Missouri, a program which has something to offer students on each level of their college career. The general honors in the freshman and sophomore years are set up in accordance with the time-honored tradition of the liberal education, and seek to provide experience in depth and breadth for the first two years. General honors are the foundation on which the whole program rests, and the development of this phase marks a direct contribution to general education at the University. Qualified students from all divisions who are taking the general education requirements for undergraduate degrees are able to take these courses, and this means that the benefits are University-wide. Students entering professional schools may never complete an Honors degree as such, but their underclass work will be more in consonance with their abilities, and they will bring sharpened perceptions and deeper penetration to their professional training. Moreover Honors students in their junior and senior years continue to take a heavy proportion of their courses in the regularly constituted upperclass curriculum, where their interests and abilities will help to raise the general standard of class performance. Academics talk a great deal about standards, but a faculty can only go so far in imposing an artificial scale. Through the Honors Program the students themselves will raise the general standard, and the more intensive training offered some will, in the long run, benefit all.

THE GENERAL HONORS THEME is projected on the upperclass level as well, and here one of the most exciting curricular innovations connected with the program comes into play. In addition to departmental honors, the Council is developing senior college interdisciplinary colloquia which will bring faculty and students from several disciplines together to their mutual advantage. For example, even the good student in the social sciences has at the most only an introduction to the sciences, while those emphasizing science find themselves drawn farther and farther from the study of humanity. A colloquium in the history and philosophy of science emphasizing methods and ideas would provide a stimulating challenge and

a much needed meeting ground between disciplines which at most have only a nodding acquaintance with each other. The Honors Council hopes to follow this general pattern, not only between the sciences and the humanities, but between the humanities and the social sciences, and indeed wherever there appears to be a real possibility for bringing several disciplines together. One major failure in modern academic development has been a continued, and perhaps necessary, compartmentalization, but this has gone so far that we have forgotten the ultimate unity of knowledge. The Honors Council hopes through the interdisciplinary colloquia to broaden the students' educational experience, and at the same time to reaffirm the essential interdependence of the University's different branches and the disciplines those branches represent.

The student response to the Honors Program has been excellent. In purely statistical terms, the University has, during the past two years, identified and begun training more than four hundred students who have qualified as freshmen. The attrition rate is high, and during the first two years more than fifty per cent fail to make the necessary B average to remain in the program. Yet this has done nothing to dampen student enthusiasm. When the Honors M.A. was announced last year both the Dean's office and individual advisers were literally deluged with requests for information, and those people who have been able to enter it have been extremely enthusiastic. In student conferences it has become abundantly clear that students who are capable want to be challenged, and the response in terms of re-activated intellectual interest has already showed itself. The Honors Program is re-emphasizing intellectual values, is putting a premium on such values, and the evidence is that students are excited about it. Beyond the career possibilities which all of them see, they feel that their college work is becoming more meaningful, that the challenge and stimulation are available, and that the development of intellect has come into its own. Since these students not only take courses in the Honors Program but also in the regular curriculum, their enthusiasm spills over into the non-Honors and upper division courses and provides a further stimulus. The Honors Program is bringing some of that intellectual yeastiness about which we all talk, but which we do not seem to know how to attain, and as it does so, the whole University benefits.

Many problems remain to be solved, and the program which has been outlined is still in its formative stages. Even so, its establishment is real evidence that Missouri is moving with the challenge of our times, that it is an institution which is advancing, and that it is meeting its primary responsibility of offering the best possible training for the minds under its care.

Dr. McGrew, author of the foregoing report on the Honors Program, is associate professor of history at the University.

Education 'on camera'

continued from page 9

their regular classes to appear on "live" television met with little success. About 20 per cent favored the plan, 20 percent did not approve of it and the rest were indifferent. But taped lectures were accepted more readily—taped shows could be used over and over again.

When initial agreement had been reached, Brady hurriedly re-framed the University's application to the Ford Foundation to include taped lectures. To be sure they had academic support, both Brady and Griffith began inviting each of the deans out for a short cup of coffee, over which they ironed out curriculum problems and adjusted technical ideas. Gallons of coffee later, everyone seemed reasonably satisfied with the proposal.

With the University behind him, Griffith flew to New York to present the idea to the Ford Foundation. The University had planned to tape 11 shows within the 1960-63 period. In the short history of instructional television, no other University has suggested so expanded a program. Miami University of Ohio has the next largest set-up, with only two or three lectures being taped. But Griffith and Brady were successful, and in February, 1959, the Foundation announced a \$90,000 grant to the University. The money was to help pay salaries of teachers released to tape lectures. The program was to be on a five-year experimental basis. Along with the grant was an additional stipulation: Unless academically impossible, once a course is put on tape, it will be taught only through instructional television.

Like the famous Brooklyn magician, it seems, for University television operations "the impossible takes a little longer." A few years ago it was impossible for persons in the entire Central Missouri area to invite an M.U. professor to lecture to them in their homes. Through its commercially operated Channel 8 station, KOMU-TV, begun in 1953, the University has brought such well-known teachers as Prof. John G. Neihardt to viewers' living-rooms within its 250,000-watt range.

Under such an arrangement, anyone in the Central Missouri region could watch the lecture program on Channel 8; those who paid a slight fee and enrolled through the University's Division of Continuing Education could earn college credit for the course. For three years the University has continued this operation, but it will be replaced by a new technique: Loans of taped shows to stations throughout the state. Presenting the lectures "live" over KOMU-TV, as was done with Neihardt's Epic America course has proved uneconomical, Griffith says. The small number of persons who take such a course for credit does not contribute enough in fees to maintain the course financially. But the new tape library will work out more successfully, he says.

Other Missouri television services include the

taping of demonstrations for University classes. Chemistry experiments or engineering equipment can be seen better by small groups watching them on TV than by large groups packed in around an experiment table.

Plans of this type include a program on examinations of women, to be taped for the School of Medicine. "Of course," Griffith says, "we'll lock all the studio doors and put only married men behind the TV cameras."

In front of the cameras this year has been Dan Devine, coach of Missouri's record football team, in an informal "chatty" program, "The Dan Devine Show." In a special service to the state, KMIT produced the show once a week during the football season for release to KMBC-TV in Kansas City. The Kansas City station wrote to the University: "The program is extremely well-done. In addition, a pilot film has just been submitted to the ABC-TV network for a program with two Missouri English professors in a format similar to NBC-TV's "Continental Classroom," a nationally televised lecture series.

Also circulated to Missouri stations, Griffith hopes, will be the "Missouri Forum" program, where political and industrial personnel are interviewed; "RFD," a show for rural residents; "Market Basket," and "Of Interest to Women," a cooking show; and others. The University recently televised a physics class for high school students over KOMU-TV to help enrich those schools in Central Missouri that had no physics teachers or facilities.

FOR ITS REGULAR CLASS LECTURES by television, KMIT has produced eight tapes for courses to be shown to students in the Jesse Hall classrooms. A research class guided by Griffith is busy continually studying the feasibility of taped shows and new techniques. This fall KMIT is taping only one lecture course; plans are for three more to be finished by June, four more by the next June and a final three in the Ford Foundation series to be completed at the end of the five years of TV experimentation, in 1963.

Student enrollment in taped courses, now about 300, will jump to almost 500 next year and almost 1,000 the year after, as total University enrollment climbs. Classroom space available to KMIT will have to increase. By 1963, the tape-recording equipment will require 30 hours' maintenance each week to work at peak output. Another machine is needed sorely—but that costs more than the University can plan for now. By 1963, perhaps, KMIT will have to join a crowded University with night courses.

For the University, working with television has been both good public relations and an opportunity to serve the state in several ways. Besides the hard work to start instructional TV and the Ford Foundation grant, the University apparently timed its television progress well, Griffith says.

"We came into instructional television at just the

right time," he says. "Our progress has been at a careful, yet unusually fast rate compared with the rest of the country. By being so far ahead in the instructional TV field, we've learned that to over-produce is bad. Everyone is unhappy then. The first three semesters of experience were invaluable. We have a solid, factual attitude; we expect to make mistakes."

Griffith says KMIT must re-tape a professor's course every three to eight years, because of changes in academic material. The station spends its summers re-making tapes and performing minor surgery on its equipment. A priority system of taping courses has been worked out with minimum "breaks" for maintenance.

Constantly planning and ever evaluating, Griffith realizes the limits of instructional television. "Television can provide the lecture sessions, but not the discussion periods," he says. "We have to find better ways than we have now of handling class discussion. But compared with the large lecture-hall, it's a much more efficient way of teaching. Professors are better-prepared, there are fewer superfluous facts tossed in, teachers can get across more concepts through visual aids, they are motivated by the idea of being recorded on TV tape and television is more flexible than a lecture-hall. But it takes about eight hours' preparation for a 45-minute lecture."

Time, to KMIT's eager staff, is always at a premium. "We belong to all divisions of the University," Griffith says, "from Agriculture to Zoology." Television at Missouri has four ways to grow, he says: in teaching of classes by taped television, in training television majors from speech and journalism, in providing research for instructional television and in serving the state with educational programs.

With a four-fold mission for Missouri's nationally recognized closed-circuit system, expanding the program is a pleasant, but costly necessity. But television, which has grown so much since its inception in the United States, has been used to that for quite a while.

Research associate named

President Elmer Ellis has announced the appointment of Kenneth Everett Miller, for the past ten years manager of the Economic Research Department of Armour & Co., Chicago, as research associate in the Bureau of Business and Economic Research and professor of agricultural economics at the University. Mr. Miller has been with Armour & Co. since 1933, and manager of the Economic Research Department since 1949. As manager his duties included advising the management on agricultural and business cycles and trends for inventory control and budget program.

Dr. Robert W. Paterson, director of the Bureau of Business and Economic Research, said the Bureau is undertaking to expand its research program in the area of the processing industries, most of which are dependent on agriculture for their raw materials.

Drummond on network TV

Dr. Donald Drummond, associate professor of English, will appear in a half-hour program in a network television series, "Meet the Professor," to be produced by the American Broadcasting Company in cooperation with the National Education Association and one of its departments, the Association for Higher Education. The 13-week series begins January 29, featuring a teacher from a different college or university each week. The program will present actual teaching experiences, in addition to a profile of the professor in the setting of his institution and community, in dramatizing individual college teachers and the contributions they are making to education.

More in executive course

More than 75 new students are enrolled in the fall semester Executive Development Program of the University of Missouri in Kansas City. Dr. Samuel G. Wennberg, professor of marketing in the School of Business and Public Administration and education director of the Program, said total enrollment in the program is 111, including returning third-year students. Registrants in the courses offered represent 39 different Kansas City firms and organizations, and all hold responsible positions while continuing their education to equip themselves for further achievement and advancement. Students completing the three-year course of study are awarded a Certificate in Business Administration. Qualified graduate students who complete the Graduate Executive Program may become candidates for the degree of Master of Business Administration (non-resident). All courses in the program are held once a week in the evenings and are taught by senior members of the regular faculty of the University of Missouri School of Business and Public Administration, who travel to Kansas City to conduct the classes.

Program in sixth year

The University for the sixth consecutive year is carrying on a program for training graduate students as vocational rehabilitation counselors through the support of the Office of Vocational Rehabilitation of the U. S. Department of Health, Education and Welfare. The current program is being supported with a renewal grant of \$61,378 from the Office of Vocational Rehabilitation for the period from Sept. 1, 1960, through Aug. 31, 1961. Similar grants have been given annually since 1955 to the University's College of Education. The program is under the direction of Dr. John F. McGowan, professor of education. A total of \$20,578 of the 1960-61 grant is allotted for the support of the additional teaching and supervisory personnel in the College of Education required for the program. The remaining \$40,800 is for traineeship grants to the graduate students under the program. Dr. McGowan said that at present 16 graduate students are being trained under the program.

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