

MEMOSCOPE

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President's Corner

In 1952 an event was inaugurated on the Teachers College campus that has already come to be one of the outstanding occasions of the school year—the annual Parents' Day. Many members of our college faculty felt that a day should be set aside to entertain the parents of the student body. We were eager not only to inform them about the college they had chosen for their sons and daughters but also to honor them for the efforts they were making to give their children a college education. Parents and guardians of all students were invited to come to the campus for the purpose of getting better acquainted with the administrative staff and faculty.

At the first Parents' Day, September 26, 1952, approximately 300 parents registered. The same general program used that day, consisting of an assembly, luncheon, campus-wide open house, reception, and football game, has been followed on each succeeding occasion. Each year recognition has been accorded to parents with the most children in the college, those coming the greatest distance, and those who are themselves alumni of the Teachers College.

On September 17 of this year the third annual Parents' Day was celebrated with a large number of guests present, some of whom were attending this affair for the third time. The Bulldogs crowned the success of the occasion by their victory over Southwestern Kansas State College at Stokes Stadium that evening.

Parents' Day has been enthusiastically acclaimed by the mothers, fathers, and guardians who have attended. The administration and faculty want the parents to feel at home on our campus, and we hope they carry away pleasing impressions of the spirit of our college. We are looking forward to making Parents' Day an even greater occasion in the future, with more mothers and fathers attending each succeeding year.

—WALTER H. RYLE

Alumni Notes

William E. Clark, B.S. in Ed., 1948, and M.A., 1953, has moved from Mound City where he taught for several years to Graham City where he has been named superintendent of schools.

Dr. A. G. Reed, 1917, of Tulsa, Oklahoma, has been named a member of the Oklahoma State Board of Health. Dr. Reed is a member of the Board of Trustees of the Oklahoma

NEMOSCOPE

NORTHEAST MISSOURI STATE TEACHERS COLLEGE

KIRKSVILLE, MISSOURI

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Osteopathic Hospital and served recently as chairman of the building committee which had charge of constructing a \$750,000 addition to the hospital.

Mary Ann Mook, 1954, is doing graduate work toward her Master's degree at the Northeast Missouri State Teachers College and serving as assistant instructor in the physical education department.

The editor has received a letter from Mrs. Jennie Wallace Alexander, 1882, who was a student at the Kirksville Normal School under President Joseph Baldwin, recalling some of her interest-

ing experiences. Mrs. Alexander who was ninety-five years old October 10, 1954, makes her home in New London. Her grandson, John McElfresh, enrolled in the Teachers College as a freshman this fall.

Cover Picture

President Ryle; Sevgi Basçavusoglu of Ankara, Turkey, member of the August division of the class of 1954; Senator Frank P. Briggs, who delivered the commencement address at the August 5 convocation; and Governor Phil M. Donnelly.

DEDICATION OF NEW SCIENCE HALL

by

*The Honorable Phil M.
Donnelly*

Governor of Missouri

We have assembled this morning to participate in the dedication of a new Science Building for the Northeast Missouri State Teachers College. I am very happy to be here upon this significant occasion and to take part in this historical ceremony.

The completion of this handsome structure of stone, brick and mortar affords the Division of Science and Mathematics the first building erected expressly and solely for its use in the long and colorful annals of this college. While the old Science Hall largely housed this division, it did not do so completely. At various times certain departments within the division were located in other buildings on this campus.

This new structure will enable the Division of Science and Mathematics to continue its steady growth and meet present and future demands. The old building had a capacity of only 300 students. This building will handle a maximum of 800 students. The old building was an everpresent fire hazard. The new building is a Class-A fire insurance risk.

The features of this modern and complete building for improved educational purposes are many. Provision has been made for individual research laboratories as well as for new and larger laboratories for all of the sciences. A spacious lecture room with a built-in projection booth will prove of great benefit. All of the classrooms are large, well-lighted, and well-ventilated.

In a few words, this new and attractive building will enable the Division of Science and Mathematics not only to take care of more students than ever before but to instruct and train them to a greater degree of perfection than has been possible in the past.

The building completes one more link in the chain of the present and future needs of this outstanding institution of learning, and I am proud to have cooperated with the officials of this college and the members of the 67th General Assembly in making this splendid achievement possible.

In dedicating this imposing structure, I feel strongly and deeply that we are taking part in an event of unusual significance. These exercises today are of much more importance than the mere marking of the completion of another college building.

This new Science Laboratory Building is in reality an evidence of change and of growth in an institution that will influence the lives of countless students in the years to come. So it seems appropriate that we should speak of these young men and young women today, and think of them at this time, rather than of the new building itself.

What will be their aim, as they take the courses offered by this State Teachers College? What will they have as their goal as they pass through this institution? What motives will animate them as they strive for excellence in their studies and as they work toward their degrees? These are pertinent questions. If these young people are to achieve greatly, and are to accomplish worthy and significant things, then their aims must be sound, their courses direct and sure. And, with these thoughts in mind, we are justified in asking, what do we mean by achievement?

In considering this, I am reminded of those who have in times past sought to place their evaluation upon achievement and upon those qualities and things that were truly significant in the life of their time. A little more than a century ago one of America's most distinguished men of letters published a remarkable series of essays. The product of a free and penetrating mind, those essays made a profound impression upon the readers of that day. They helped to make their author famous, and in the years that followed, together with his other writings, they exerted an enormous influence upon the lives of countless people. These essays were published in 1841, when our nation was young, and were written for the people of that era. And yet, if Ralph Waldo Emerson were alive today, I believe he would consider that his thoughts and ideas were as applicable now as when he wrote them.

Emerson wrote upon many subjects, such as friendship, prudence, character, experience, and heroism. One of his essays that is best remembered related to self-reliance, and of achievement through this cardinal virtue. Emerson entertained strong views upon this subject. He believed that the individual should be self-sufficient. And with his keen insight into human



Governor Phil M. Donnelly Speaking at the Dedication of New Science Hall, August 5, 1954.

nature and his gift for words, he impressed upon his countrymen the need for dependence upon self.

It seems odd today that the need for such admonition should exist in those times. The nation was in its infancy. Growth and change were in the air. The great wilderness to the West was being settled. It was particularly the day of small enterprise. It was a period peculiarly favorable to individualism. Emerson felt constrained, nevertheless, to counsel the youth of his time to "Build therefore your own world." With all the strength of his remarkable mentality and the vigor of his spirit he drove home the idea that a man must, in the final analysis, depend upon himself alone to achieve those things that make life worthwhile. External circumstances, he said, should not be allowed to control our lives.

Emerson preached the gospel of personal responsibility and of high ambition. Above all, he reminded the youth of that day that regardless of existing conditions, it was the duty of each to set his own pace; to make his own way; to fulfill through self-reliance the promise of his own capacities. And over and over again he repeated this idea: "Trust Thyself." "Speak your conviction." "Insist on Yourself: Never Imitate." The same fine thread of meaning is woven in all his teachings.

A famous commentator, in speaking of the life of Emerson, said that "to many a lonely student, obscure and friendless, meditating on his own untried powers, Emerson came as with the sound of a magical trumpet, shattering the dungeons of fear, and sending the young knight on his quest fortified and resolute to give soul and body to that undertaking, whatever it may be, for which he was sent into the world." Another writer said of Emerson that there is not an American alive today who has not been touched and moved by what he said. What a noble influence he had upon the youth of that day and upon the history of our country.

That was long ago, and many things have changed since 1841. We live today in a new world. Evolutionary processes have brought forth new institutions, new organizations, new concepts of the responsibility of the State for the general welfare, new imperatives, and a New Age. Our lives, both economic and social, have developed from the simple to the complex in many ways.

But it is as true today as ever that a man must make and live his own life.

Regardless of the devices that have been set up as a protection against the rigors of uncontrolled economic processes, they cannot make the man.

If the individual is to make the most of his own innate powers, if he is to attain success in any line of endeavor, it is as necessary now as in any other age to work hard, to strive valiantly, to persevere. Each must learn the meaning of real achievement, the worthiness of self-reliance, the merit in strength of character and of purpose. And each in the end must learn, that in men as in nations, there is no merit in weakness. We, as individuals, must be strong and imbued with a driving purpose that will carry us to a chosen goal.

Americans are oft times charged with being materialists, of gauging success by material wealth or earthly possessions. And yet, are we thinking of property, homes, stocks and bonds as we dedicate this new educational building today? Or, are we thinking of excellence of attainment, of the true meaning of achievement, of the will and the courage of men and women to excel in their chosen fields of work? That, to me, is the true significance of this day, as we hold these ceremonies.

Whether the field be in science, business, or any of the other professions, or government and politics, it is in performance, based upon such standards, that lasting achievement is attained. What is true of individual

effort is equally true of organized, group endeavor. Whatever the organization or whatever the work may be, achievement must be measured in terms that take into consideration other than material things.

There was a time, of course, when business was conducted on a plane that ignored human values. The dollar then was the only criterion of success. There has been a decided change, however, in this attitude, and in the ideals and principles that animate our present business structure. New codes of ethics and standards of business practice have been evolved in line with other ideals.

It is now accepted that a business organization, large or small, owes a definite obligation to society. There is a responsibility not only to render service to customers, using that word in its broadest and most pertinent sense, but also to society, which was not recognized in other days.

Our business institutions, of course, are not perfect, just as no human institution is perfect. But to achieve greatly today, industry well recognizes that it must conform to standards that pass the acid test of responsible business statesmanship. This has been a development of the greatest importance, and a refutation of the charges made by those who would substitute other economic and social systems for our own.

When we turn to government and politics, we see the same leaven working in and through our system. In the public service there has long been a growing realization that to achieve greatly the public interest must be paramount. Despite the claims and counterclaims of political partisans, and the continuing efforts of small minds to confuse the people on men and issues, there yet remains the firm conviction that only those leaders and those political organizations that fashion their programs and their actions on the welfare of the people can prosper in the end. "Salus Populi Suprema Lex Esto," the motto on the Great Seal of the State of Missouri, expresses this idea as a profound and lasting truth. "The Welfare of the People Shall be the Supreme Law."

Again we find, as in the great field of business enterprise, that all is not perfect in the public service. True achievement in public life is still a goal to strive for, but I do believe that in this wide arena of human endeavor, the trend has been and is today toward this conception of responsibility and of service.



The Laying of the Cornerstone of Science Hall, J. MacBrayer Sellers, M. W. Grand Master, Grand Lodge, A. F. & A. M. of Missouri, officiating.

Education itself feels the impact of changing times, and is doing its own part in fashioning a brave new world. More and more of our educational institutions, public and private, are preparing students for the public service, and instilling in them lofty ideals of service to their government and to the people their government represents. Here again we do not find perfection. There is still much to be done to round out an educational system truly reflecting the needs of a great democracy. But the signs all point the same way.

The practical, it is true, must be taught. Young people must be prepared to earn their way in a competitive world in which much specialization is necessary. But as our educational way of life grows and matures, we see more and more emphasis placed upon the maintenance of standards, and more and more teaching and counseling directed at well-rounded living, and the attainment of ideals compatible with those standards.

In this connection it is interesting and appropriate to note the development of education in the Northeast Missouri State Teachers College. The history of this institution reflects the changing times and standards of which I have spoken.

This college was established in 1867 by Joseph Baldwin as the North Missouri Normal School. During its first year it had an enrollment of 203 students. In 1870 its name was changed by the General Assembly to the First District Normal School, and in 1920 to the Northeast Missouri State Teachers College. The Sixty-third General Assembly in 1945 enacted legislation permitting the Northeast Missouri State Teachers College and the other four teachers colleges in Missouri to change their names, if desired, by eliminating the word "Teachers" therefrom. While the four other state colleges availed themselves of this authority, the Northeast Missouri State Teachers College elected to continue operation under its old name since its primary purpose is the education of teachers.

On September 16, 1871, the cornerstone was laid for Baldwin Hall, the first building erected by the State of Missouri for the primary purpose of the training of teachers. Thus, the institution was the first school of its kind established in the State of Missouri and one of the very first west of the Mississippi river.

During its 87 years of service it is significant to note that this college has had but seven presidents and all save

one have been alumni. The present president, Dr. Walter H. Ryle, was a student under his immediate predecessor, Dr. Eugene Fair, who, in turn, had been a student of his predecessor, Dr. John R. Kirk, nationally known leader in teacher-education in America for nearly half a century. Dr. Kirk had been a student of and personal secretary to Mr. Baldwin, the founder of the school. This unusual succession of leadership has contributed greatly to the steadfast maintenance within the school of a primary concern for teacher-education.

This college set the pattern for the American four-year teachers college, and Joseph Baldwin, who established it, declared that for America to achieve her destiny she must have adequately trained teachers. Adequate training for participating in the art of teaching, he maintained, must be based upon sound scholarship; a fine command of the principles of education; and a deep and abiding love for childhood.

Founder Baldwin, a close acquaintance and follower of Horace Mann, and all of Mr. Baldwin's successors at the Northeast Missouri State Teachers College, have sought to do for teacher-training what the New England leader did for public education: make it appreciated and respected.

Through the years this college has enlarged both its physical properties



Joseph Dobbins has his hood adjusted by Dean Selby after President Ryle conferred the master's degree on him at the August commencement.

Story on Page 7

and its service to the public. After several years of preliminary study, the college launched its graduate program leading to the Master's Degree in the summer of 1947. This program was initiated because of the demand throughout the state for more teachers and administrators with advanced degrees. The mandate of this college from the State of Missouri is to prepare teachers for the public schools. Four divisions—social science, education, music, and business education—now offer programs leading to the Master's Degree.

"Education that sustains democracy where teaching is the greatest art" is the philosophy upon which this great educational institution was founded. It continues to be the guiding spirit of Missouri's oldest teachers college even as we meet to dedicate a new and imposing building that will increase its usefulness and enhance its service. The development of this college through the years and its programs and purposes indicate that it is in step with modern thought and ideas, and with the trends of the age in education.

Our America will always be safe against all perils, and against the assaults of those who would change our way of life, so long as we place our faith upon achievement in the sense of which I have spoken, and so long as our schools faithfully recognize and follow this great truth. May we not hope and expect that the students and graduates of this college will be motivated by these ideals and that in their example others will find renewed hope, added courage and increased devotion to high aims.

To our students of today; to our teachers of tomorrow; and to those countless numbers who will ever thirst for knowledge in their classes, I would dedicate this magnificent new building of science and learning. Long after its strong and towering walls have crumbled and decayed, the fruits of their labors will live on. And informed and inspired Americans will ever understand and realize the intrinsic worth of self-reliance and the true significance of real achievement.

Earl J. Van Horne, 1911, died at his home in Mexico, Missouri, August 5, 1954. Mr. Van Horne taught commercial subjects in Kansas City for twenty-nine years until his retirement four years ago when he returned to his old home in Audrain County. Mr. Van Horne held a master's degree from the University of Missouri.

DISTINGUISHED ALUMNUS OF THE 1907 CLASS

EDITOR'S NOTE: This is the first in a series of articles on "Outstanding Alumni of the Northeast Missouri State Teachers College." Dr. Harrington was contacted at the suggestion of Mrs. Will R. Adams (Opal Markey), 1906, of Ontario, California. The Editor of the *Nemoscope* would appreciate suggestions from our readers as to alumni who should be honored in future issues of our magazine.

In the 87 years of its history many of the graduates of the Northeast Missouri State Teachers College have achieved high distinction not only as leaders in the field of education but also in science, literature, and the arts, in public service, the professions, and in business. One who has won renown both as a teacher and as a research specialist in the field of physics is Ertle Leslie Harrington.

Dr. Harrington was born near Bucklin, Missouri, where he received his early education. His father was Harry Harrington, a teacher who had attended the Normal School at Kirksville, and his mother was Martha Alice Baugher Harrington.

Dr. Harrington graduated from Normal No. 1, now the Northeast Missouri State Teachers College, in 1907 with a Bachelor of Pedagogy degree. Then he entered the University of Missouri, receiving a B. S. in Education degree in 1910, and a Bachelor of Arts degree in 1911. In 1915 he received the Master of Arts degree from Harvard University. He

then studied at the University of Chicago under the famous physicist, Dr. R. A. Millikan, and received the Ph.D. degree in 1916. Later Dr. Harrington attended Cambridge University, England, where he worked under Lord Rutherford. He also attended a summer symposium at the University of Michigan.

Dr. Harrington has had a variety of experiences as a teacher and a research specialist. After serving as principal of the high school at Rockport, Missouri, and superintendent of schools at Breckenridge, Missouri, he became Head of the Department of Physical Sciences at what is now Northwest Missouri State College at Maryville. From there he went to the University of Chicago where he became instructor in the School of Education. He also served for a time as research physicist for the Westinghouse Lamp Company. In 1920 he joined the faculty of the University of Saskatchewan, Saskatoon, Saskatchewan, Dominion of Canada, as professor of physics. He served as Head of the Department of Physics at that institution from 1924 to 1952. At the present time he is research physicist in the research laboratory at Corona, California, now maintained by the U. S. Navy but formerly a branch of the Bureau of Standards.

Dr. Harrington is the author of about fifty articles which have ap-

peared in scientific periodicals over a number of years. He is the author of one of the articles in the compendium, *Medical Physics*, and of chapters in two other books. His most important work is a text, *General College Physics*, which has recently been published by D. Van Nostrand Company of New York City. This text presents a general course in physics which is written to meet the needs of those going into medicine or into one of the biological sciences, and the needs of students generally who are not specializing in one of the physical sciences. It is in use in several countries. Dr. Harrington has played a leading part in the move to give premedical men a better foundation in physics for their medical sciences and later practice.

For his outstanding work in physics Dr. Harrington has received many honors. At the University of Missouri he was elected to membership in Phi Beta Kappa and Phi Delta Kappa; and at the University of Chicago he became a member of Sigma Xi. He served as president of the Missouri Teachers of Science and Mathematics for a period of one year. He is a Fellow of the Royal Society of Canada, the American Physical Society, and the American Association for the Advancement of Science. Also, he served as president of Section III of the Royal Society of Canada for one year.

Dr. Harrington married Olive Robbins, a contemporary student at Kirksville, who graduated in the class of 1909. Mrs. Harrington passed away in June, 1953. Four children were born to Dr. and Mrs. Harrington: Dr. Harrel Lee Harrington, M.D., of Oakland, California; Dr. Roger Ertle Harrington, Ph.D., Research Physicist with the National Carbon Company, Cleveland, Ohio; Ruth Harrington Gray, B. A., 1944, University of Saskatchewan, who is now married and lives at Rochester, New York; and Frank Weldon Harrington who is on the staff of the T. Eaton Company, Saskatoon, Saskatchewan, Canada. Dr. Harrington has ten grandchildren.

While golf and music provide diversions, Dr. Harrington says his chief hobby is glassblowing and the designing of new instruments, particularly those of interest in the applications of physics to medicine. Since he has been living in California he has met more ex-Kirksville friends in the last two years than he had seen in the previous three decades.



PARENTS REGISTERING PARENTS' DAY, SEPTEMBER 17

SEVENTEEN MASTERS' THESES COMPLETED AND APPROVED DURING 1954

by

C. H. Allen

Head of the Division of Personnel Service, Northeast Missouri State Teachers College

This report represents the third in a series giving the titles of theses written by graduate students in the Northeast Missouri State Teachers College. These theses were written in partial fulfillment of the requirements for the Master's degree for students majoring in different instructional divisions. These typewritten theses have been bound, catalogued, and placed in the college library for reference use. Since 1948 when the first graduate degree was conferred by this institution, a total of seventy-three theses have been written and officially accepted. They include a variety of interesting and valuable studies and some of them reflect significant aspects of physical and social development in Northeast Missouri. The seventeen theses listed below were completed by students, who were awarded the Master of Arts degree at the May and August Convocations, 1954:

"A Survey of the Use of Biographical Material in Teaching the Social Studies and English in the High Schools of Northeast Missouri, 1951-52," Orville E. Bowers, M.A., 1954, History.

"The Milwaukee Road Through Missouri," James Hendrex, M.A., 1954, History.

"Developments in the Northeast Missouri State Teachers College in the Areas of Student Distribution, Faculty Preparation, and the Grad-

uate Program, 1937-1952," Ralph M. Seibold, M.A., 1954, History.

"A Search of Writings and Opinions on Left-Handedness to Discover Possible Implications and Aids for Left Handed Students of Shorthand and Other Office Skills," Geneva Babbitt, M.A., 1954, Business Education.

"The Development of Osteopathic Research and Education," Wilbur V. Cole, M.A., 1954, Social Science Education.

"A Survey of Business Education in the Public Secondary Schools of Northwest Missouri, 1953-1954," Joseph Norris Dobbins, M.A., 1954, Business Education.

"The Pecos Valley and Northwestern Railway During The Territorial Period in New Mexico, 1889-1912," Charles L. Eoff, M.A., 1954, History.

"A History of the Missouri State Highway Patrol and Its Accomplishments," George Richard Evans, M.A., 1954, Social Science Education.

"The Early Life of General John Joseph Pershing, 1860-1881," Kath-

erine Kleiss Goodin, M.A., 1954, History.

"Mr. Santa's Toy Shop, An Operetta For Lower Grades," Eva R. Lintner, M.A., 1954, Music Education.

"A Suggested Intramural Sports Program for the Northeast Missouri State Teachers College," William A. Peterson, M.A., 1954, Physical Education.

"A Recreation Survey of Kirksville, Missouri," William Richerson, M.A., 1954, Physical Education.

"An Exact Reproduction of Journalistic Reports of Football Activity of Interscholastic Football Programs of Kirksville High School for the years 1913 through 1953," John Spainhower, M.A., 1954, Physical Education.

"The Legal History of the Procedures for the Care and Correction of Juvenile Offenders in Missouri," Lovina Taylor Tompkins, M.A., 1954, History.

"Audio-Visual Materials in Music Education," Roy N. West, M.A., 1954, Music Education.

"A History of Intercollegiate Athletics at the Northeast Missouri State Teachers College, Kirksville, Missouri," George Workman, M.A., 1954, Physical Education.

"A History of Athletics of the Missouri Intercollegiate Athletic Association," Jerry Young, M.A., 1954, Physical Education.



At left: Becky Murch and her parents Mr. and Mrs. C. Sinclair Murch of Glendale watching students at work in the industrial arts laboratory Parents' Day, September 17, and on the right: Mr. and Mrs. Gayle Platz and their son Howard of Brashear being shown items of interest in the Violette Museum by James Neilson, graduate student from St. Charles and member of Blue Key Honorary Service Fraternity. Blue Key members served as guides to parents touring the campus.

SPICKNALLS JUST KEEP ROLLING ALONG

EDITOR'S NOTE: This article was prepared by A. T. Ferrell & Company, Saginaw, Michigan and appeared in the January, 1952, issue of *Seed World*. It is used with the permission of the company and of Mr. Fred Spicknall.

The thriving little town of La Belle in Lewis county has achieved a name for itself—Seed and Egg Center of Missouri—which is undisputed and for which the Spicknall Seed Co. is largely responsible.

La Belle, with its 840 population, is bounded by two great rivers, the muddy Mississippi on the east and mighty Missouri to the west and it is located in one of the finest seed producing areas in the country. Growing 60 bushels of corn, 20 bushels of soybeans and 5 bushels of timothy to the acre is commonplace.

Wholehearted faith and courage along with good farming methods, practiced here, have definitely offset serious crop damage due to drouths, floods and storms. Every farm around La Belle produces seeds and grains and at each harvest large quantities of timothy, clovers, Korean lespedeza, redtop and soybean seeds are marketed. Alfalfa seed is not produced here in quantity, but it is imported in volume from many states and processed by Spicknall's.

Fred Spicknall, owner and general manager of the Spicknall Seed Company, was born and reared on a local farm, in fact an unproductive farm. Having had a first-hand look at the results of planting contaminated and

common quality seed, Fred became acutely conscious of the necessity of more effective processing. It was this spark that determined him to start the present successful business in 1946. His recent assignment as president of the Missouri Seed Dealers' association is a well-deserved tribute from fellow seedsmen who believe in his character and ability.

Leland Nichols, congenial assistant general manager in charge of sales, has been with Fred for several years. Open friendliness and fair dealing has helped maintain old customers and build new business.

Fred's "right-hand" and general office manager is Mrs. Fred Spicknall, who, in addition to her official capacity, makes it her business to see that buyers, sellers and visitors are completely at home.

Jerry, Fred's son, supervises Spicknall's grain operations. The modern elevator stores 140,000 bushels of grain. A track along the north side handles nine cars and Jerry says that a car of grain can be loaded out inside of 40 minutes. Cars are moved and spotted by means of an electric winch.

Plant expansion is the result of a continuous increased demand for service from both grain and seed sections and with more help and modern facilities, Spicknall's offers the farmers a veritable terminal warehouse.

The seed processing plant is supervised by Fred's brother, Don. It occupies 32,000 square feet of floor space and has three floors with a

central 90 foot tower which feeds the processing and blending equipment. The machinery includes a Magnokleen magnetic separator, blenders, Hart-Carters, velvet rolls, gravities, buck-horn mill, scarifiers and a battery of Clippers—298-D's, 29-D's, 228-D's, 1297-1 scalpers and a new Clipper Roll mill will be added this coming spring.

Don is an experienced mechanic and, under his capable guidance, man and machine hours are utilized to maximum benefit. He runs every pound of seed handled over his 1297-1 fast scalpers which are located in the head house, onto a continuous belt to the cleaners on the second floor. This greatly steps up finishing time and produces a better job.

Another endless belt runs between the spill-proof truck dump and the high capacity elevator. Incidentally, the trackage at this point holds 18 cars. Hyster lift trucks are used to stack bags and during the rush season millions of pounds of seed (in bags) are handled. Automatic scales, placed strategically throughout the warehouse, enable Don to keep accurate count.

These, and many other time and labor saving devices, play an important part in modern high production. The plant, excluding office personnel, is operated by only eight men and yet, under the present arrangement, it will process and ship a million pounds of timothy seed in one week.

In addition to the operational setup, W. E. Jackson, an experienced seed analyst, supervises one of the finest equipped seed laboratories found anywhere. A well-organized laboratory is a "must" in order to justify nationwide service.

A typical processing run—by "push-button"—at the Spicknall plant.

A lot of timothy is delivered by the fast elevator to the head house, then spouted to the 1297-1 scalpers where the rough matter is quickly removed. The pre-cleaned seed is delivered via endless belt to the Clippers on the second floor. Proper screens are selected, pitch and air adjustments made and the seed is finish-cleaned.

From here it is routed to blending tanks or sacking bins on the first floor. If necessary, the seed is re-directed to the Hart-Carters or other final units then it is stocked or loaded out for shipment.

Fred attributes much of his success to up-to-date handling equipment.



AN ARTIST'S DRAWING OF THE SPICKNALL PLANT IN LABELLE

He owns a fleet of van and semi-type trucks as well as several sales department autos; he pilots a 4-place Navion plane to all parts of the United States.

Visitors are always welcome at the plant and Fred Spicknall usually acts as guide in their tour, explaining the why and how of the various operations.

Dr. Llor MaGee Retires

Dr. Llor MaGee, Head of the Division of Home Economics, retired at the end of the summer quarter after thirty-one years on the faculty of the Northeast Missouri State Teachers College. Born on a Wisconsin farm, she was educated in the rural schools there and in Minnesota. She attended Stout Institute, Menomonie, Wisconsin, and received a Ph.B. degree from Chicago University in 1923. Later she earned the M.A. and Ph.D. degrees at Columbia University.

She began her teaching in a one room rural school and worked up through grade school and junior and senior high schools to college teaching. This varied experience proved an excellent preparation for her work in a teacher training institution because it enabled her to understand the problems that her students would be facing when they went out to teach. In June, 1923, she came to Kirksville to replace Miss Lola Brandenburg.

Dr. MaGee was an inspiring teacher whose deep interest in her students was reflected in their warm personal regard for her. She has continued to hear from a large percent of them and has visited many of them in their homes. Of some 300 girls who majored in home economics during her years as head of the division she knows where 280 are located. When the news of her retirement became known, she was flooded with invitations from Maine to California to visit her former students.

Dr. MaGee plans to travel and do some writing now that she has retired from teaching. As before she continues to be very active in the work of the First Methodist Church of Kirksville. She comments that she has so many interesting things to do that she cannot see a time ahead when she would be bored with life.

Robert Pfaff, B.S. in Ed., 1949, and M.A., 1950, has been named instructor in history at Moberly Junior College. Mr. Pfaff was married this summer to Anna Yablonski of Scarboro, West Virginia.

ALUMNI NOTES

Jolene Davidson Scriven, 1954, has taken a position as secretary in the R. L. Sweet Lumber Co., Kansas City.

H. Lee Angus, B.S. in Ed., 1928, and M.A., 1952, is now principal of the Niantic-Harristown High School, Niantic, Illinois.

Ava Farson, 1944, has returned to her position as third grade teacher in the Eugene Field School, Mexico, Missouri, after a year in York, England as an exchange teacher.

Dr. Kemble Stout, 1936, is chairman of the music department of Washington State College, Pullman, Washington. He received his Ph.D. from the University of Rochester in 1952. His wife is the former Mildred Bohner, 1937.

Mrs. Gladys M. Blowers, B.S. in Ed., 1924, and M.A., 1951, is now heading the business education department in the high school at Sandwich, Illinois. She was on the summer faculty of the Teachers College in the summer of 1954.

Lucy Mae Reece Sampson, 1940, is teaching social science in the Berkley High School in suburban Detroit.

Lt. Col. Charles M. Westrup, 1928, is serving as provost marshal for the base section, European Communications Zone at La Rochelle, France.

Mrs. Opal Haydon, 1952, died October 17, after suffering a stroke that morning while dressing for church. She had taught in the La Belle schools since 1926.

Maurine Lair Turner, 1950, has been appointed child welfare supervisor, District Three Division of Welfare of the State Department of Public Health and Welfare. Welfare District Three consists of Adair, Clark, Knox, Lewis, Macon, Randolph, Schuyler, and Scotland counties.

William McDowell Dawkins, 1949, received the Master of Arts degree from the University of Missouri at the August commencement. He is art instructor at Keokuk, Iowa. Mrs. Dawkins, the former Marian Ruth Mouse, also graduated from the Teachers College in the class of 1949.



Commemorative plates made by Wedgwood of England and featuring the Kirk Memorial Building at the College will be offered for sale this fall by Cardinal Key, women's national service organization on the campus.

The plates will be offered in either blue or mulberry, and will sell for \$4 each. A leaf and flower border encloses the picture of the Memorial building. The plates are to be shipped from England during November and should be available for Christmas presents.

Persons interested in buying plates may address either the sponsors or the president of Cardinal Key. A small fee for mailing and packing will be added to the regular costs.

Address Miss Nan E. Wade, Miss Agnes Slemmons, sponsors, or Miss Jane Bucks, president of Cardinal Key, State Teachers College, Kirksville.

NEW ADDITIONS TO THE FACULTY

Dr. Norman E. White succeeded Dr. William A. Healey as Professor of Physical Education; Head of Division of Health, Physical Education and Recreation, and Director of Athletics. Dr. White holds the M.Ed. degree from the University of Missouri and the P.E.D. degree from Indiana University, Bloomington. He has served as athletic coach at the Iowa State Teachers College High School, Cedar Falls and at the Iowa Junior College, Washington, Iowa. Prior to coming to Kirksville, he was employed as assistant professor at the Southern Illinois University, Carbondale, Illinois.

Dr. Max E. Bell replaced Dr. Lewis E. Clevenger, retiring, as associate professor of botany. He holds the B.S. degree from Parsons College, Fairfield, Iowa, and the M.S. and Ph.D. degrees from Iowa State College, Ames. He has been employed as part time instructor at the Iowa State College and also a member of the faculty at the Fairfield High School, Fairfield, Iowa.

Miss Geraldine Gosch of Norwich, Kansas, has become a member of the faculty as instructor of clothing and textiles. She received her A.B. degree from Southwestern College, Winfield, Kansas, and her M.S. degree from Kansas State College, Manhattan.

Dr. Ryle holding the famous stick which carries the scores of all the Maryville - Kirksville football games of past years. The Bulldogs' 24-20 victory over the Maryville Bearcats October 8 enabled the Teachers College to retain possession of the stick, which traditionally goes to the winner of the annual contest.



She has been a member of the faculty at the Wellington High School, Wellington, Kansas.

Dr. Flora Kearney of New Orleans was added to our teaching staff as assistant professor of literature to fill the vacancy made by the resignation of Dr. Edgar H. Goold. Dr. Kearney holds the B.A. degree from William and Mary, the M.A. degree from Radcliffe College, Cambridge, Massachusetts, and the Ph.D. degree from the University of Maryland. Her teaching experience includes four years as graduate assistant at the University of Maryland where she taught courses in Freshman English.

Mr. Eugene J. Croarkin has been added to the teaching staff as instructor in business education. He received his B.S. in Education and his Master of Arts degree from the Northeast Missouri State Teachers College. He has been previously employed on the faculty of the Hadley Technical High School, St. Louis, and he taught for two years in the high school at Bluff, Illinois.

Mrs. Nita Schuster Patterson is serving as instructor in fine arts in the absence of Mr. Dean Bowman who is away on leave of absence. Mrs. Pat-

erson holds the B.S. in Education from the Northeast Missouri State Teachers College and the Master of Arts degree from Columbia University. She has done graduate study in a number of universities in this country as well as in the University of Hawaii. She has taught in Harris Teachers College and Washington University, St. Louis.

Mrs. Dorothy Sens Pearson is acting assistant professor of home economics. She received her B.S. in Education degree from the Northeast Missouri State Teachers College and the M.A. degree from the University of Missouri. She has taught in the high schools at Kirksville and La Plata and for a number of years was a member of the faculty at the University of Missouri in the home economics department.

Dr. James F. Hood replaces Dr. Richard E. Sullivan with the professorial rank of associate professor of early European history. He holds the B.A. and M.A. degrees from the University of Illinois, Urbana, and he has very recently received the Ph.D. degree from the same institution. His teaching experience includes two years at the University of Illinois where he taught Modern European and United States History Survey.



ALUMNI NOTES

Robert D. Maxwell, 1953, has been employed as coordinator of the diversified occupations program at Milan.

Effie Morrey, 1937, has accepted a position as instructor in business education at the junior college, Clarinda, Iowa.

Joan Schroder, 1954, and Lt. James Steinmiller, 1952, were married October 15, at Foster Air Base Chapel in Victoria, Texas, where he is stationed.

William L. Moore, 1934, is serving as associate professor of English at International Christian University, Tokyo, Japan. He is the author of six English textbooks for Japanese youth.

Mary Barnett, 1932, left August 30 for San Juan, Puerto Rico, where she will teach in a school operated under the supervision of the women's division of the board of missions of the Methodist Church.

A/2c Charles F. Magruder, Jr., 1953, son of Mr. and Mrs. C. F. Magruder of Kirksville, recently graduated from the Weather Observance School at Chanute Field, Rantoul, Illinois, and is now stationed with the 28th Weather Squadron in England.

John C. Mills III, 1939, has enrolled in the Air Force Reserve Program of the 442nd Troop Carrier Wing, Olathe, Kansas, as a pilot. Captain Mills is practicing law in Kansas City and will train one week-end each month with the 442nd Troop Carrier Wing.

William A. Deskin, 1948, head of the chemistry department of Upper Iowa University, Fayette, for the past two years has been awarded a fellowship by the Research Corporation of America to do research in the field of polyhalogen complexes at the University of Iowa this year where he is working toward a Ph.D. in chemistry. Mr. Deskin is married to Ruth Milhoan, 1949, and they have two daughters.

Lt. William W. Shinn, 1949, son of Mr. and Mrs. Wayne N. Shinn of Kirksville, has arrived in Germany for a tour of duty with the U. S. Air Force. Lt. Shinn is also a graduate of the School of Law at the University of Missouri. After his enlistment in the Air Force he graduated from the Judge Advocates General Course with a rank of fifth high in a class of 67. His wife, the former Jeanne Jones, 1952, expects to join him in Germany later.

John Alderson, 1952, coach at Cairo High School last year, has resigned to accept the coaching position at Macon High School.

James Brockman, 1940, has resigned his position as principal of the Festus High School to become principal of the high school at Lee's Summit.

"Stress Fire Prevention in Posters and Paintings" by Mrs. Lucile Lasley Rosencrans, 1937, was the October art project featured by *The Instructor* magazine. Mrs. Rosencrans is principal of the Wintersteen School, Plattsmouth, Nebraska.

Mrs. Gladys H. Neville, 1918, was elected president of the art group of the Northeast Missouri Teachers Association at the annual meeting in Kirksville, October 8. Mrs. Neville is art instructor in the Kirksville Senior High School. Mrs. Theo Howard, 1946, of the reorganized school district R-1, Novinger was elected secretary of the group.

Laura Lee Mulnix, 1954, is serving as a volunteer fulltime Christian worker and teacher in the Lucy Holt Moore center maintained by the Methodist Church in Nashville, Tennessee.

Eunice Hayes, 1941, who has been working in Baltimore with the Baptist WMU of Maryland as director of missionary education of youth, was married October 9, 1954, to Elmer Francis Ruark of Salisbury, Maryland.

James W. Neilson, first honor graduate in the spring division of the class of 1954, has received a graduate assistantship in the Social Science Division of the Northeast Missouri State Teachers College where he is working on his Master's degree in history.

Dr. Paul A. Wood, 1931, has become the head of the radiology department of Cape Osteopathic Hospital, Cape Girardeau. Dr. Wood, who graduated from the Kirksville College of Osteopathy and Surgery in 1939, finished his residency in radiology at Doctor's Hospital in Columbus, Ohio, May 31.

FACULTY NEWS

President Walter H. Ryle spoke on "Relationship of Recreation to Schools" at the 36th National Recreation Congress held in St. Louis, September 27 to October 1.

Eli F. Mittler, Head of the Division of Extension Service, was a member of the eleventh annual Work Conference on Rural Education held July 26 to August 13 at Teachers College, Columbia University, New York. At the conference a permanent association of rural educators was organized to study and exchange ideas on the improvement of rural education and the communities served. Mr. Mittler was elected recording secretary and member of the executive committee of the association.

An article entitled "First Principles for Modern Philosophy of Education" by Dr. Earl C. Cunningham, professor of philosophy, appeared in the October issue of *Educational Theory*. Dr. Cunningham is at present on a leave of absence for the 1954-55 school year to do research and writing in the field of history and philosophy of education.

Dr. John D. Black, professor of zoology, attended the workshop in teacher education of the North Central Association of Colleges and Secondary Schools, held at the University of Minnesota from August 1 to 26, as the representative of the Teachers

College. Dr. C. H. Allen, Head of the Division of Personnel Service, one of the five coordinators of the North Central Association, was a member of the workshop staff during the first week in August.

President Walter H. Ryle and Eli Mittler, Head of the Division of Extension Service, attended the National Conference on Rural Education held in Washington, D. C., October 4-6.

Miss Betsy Worrell, instructor of speech, has returned to the campus after a two year leave of absence during which she worked on her doctorate at Northwestern University.

Sherod Collins, assistant professor of speech, and Mrs. Collins spent the summer in an extended tour of Europe.

Two articles by Dr. Leon Karel of the music faculty have been published in national music magazines. One entitled "Music from All Sides" appeared in the *Music Educator's Journal*, and the other, "Recommended Requirements for the Admission to the College-Level Theory Class," was published in the *American Music Teacher*.

Miss Agnes Slemmons, assistant professor of journalism, is the author of an article, "Producing a School Newspaper on a Small Budget," which appeared in the November issue of *School and Community*.

