

321

The MICHIGAN STATE COLLEGE RECORD

Ag Hall

August

1929

Alumni Football Tickets



	Admission
September 28—*Alma College.....	\$1.00
October 5—University of Michigan.....	\$2.50
October 12—Colgate University.....	\$2.00
October 19—*Adrian College.....	\$1.00
October 26—*North Carolina State.....	\$2.00
November 2—*Case.....	\$1.00
November 9—Mississippi A. & M.....	\$2.00
November 16—*University of Detroit.....	\$2.00

*Home Games.

Note: October 26th, Homecoming.

**Order Early
and Get
Good Seats**

Applications were mailed on August 15th. They will be received at the Athletic office on or after September 1st.



For additional application blanks write the Athletic Department.



Alumni and students will sit in the West Stands. However, you can secure seats in the East stand if you desire.

Reservations for seats at the University of Michigan game at Ann Arbor should be made through the Michigan State Athletic Association. We want all Michigan State students, alumni and fans seated together at this game.



J. H. CROWLEY
Coach

Listening In

HOW about it? Have you secured a student for Michigan State for next year? Every alumnus should be a recruiting officer for the old college, for selfish reasons if for no other.

How would you like to be able to say that you were an alumnus of the same college as Washington, Lincoln, Roosevelt, Edison, Steinmetz, Goethals, Pershing, Lindbergh? To be sure, they were not all college men or alumni of the same college but—

GRADUATES of engineering colleges generally receive a higher salary than the professors who taught them, President Howe, of Case School of Applied Science says in an article, "College Teaching as a Profession," in the Case Alumnus.

The medium salary of teachers in engineering colleges is \$4,200, while the medium salary of engineering graduates is \$7,500, the article states. Some teachers have an income from extra professional work bringing the median income up to \$5,700.

"The professor can never expect to be wealthy, he barely makes enough to live decently and to educate his children. He rarely has enough left for his old age unless he is so fortunate to inherit some property," Dr. Howe writes.

IN the July issue the RECORD was in error regarding statement of Jerry Byrne's pitching. "Al" Bibbins, '15, hastens to correct the athletic department and the alumni magazine in the following letter:

In the July issue of the M. S. C. RECORD, as well as "Spartan Sport Lights," I read with pleasure the success of the baseball team during the past four years, and although I admire the pitching of Jerry Byrne, I cannot agree at all with the statement made to the effect that he is the only pitcher who has won two victories over the University during his college career. In 1912, Ralph J. Dodge won two straight games over Michigan, allowing them three hits in two games. He repeated in 1914 with one victory, giving him a total of three, which could have easily been five, had we started him in games which he later finished. There is no question but what "Dodgie" is the greatest pitcher the College has ever known. In fact at this time, Sisler was at Michigan and Branch Rickie said that Dodge was the greatest pitcher he had ever seen in college baseball. I recall when Ralph pitched the two games against Michigan in 1912, that Wild Bill Donovan, umpired the games, and said that he had the nicest curved ball that there was in baseball."

The MICHIGAN STATE COLLEGE RECORD

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GLEN O. STEWART, '17, Editor

GLADYS FRANKS, w'27, Alumni Recorder

THE M. S. C. ASSOCIATION

Union Memorial Building

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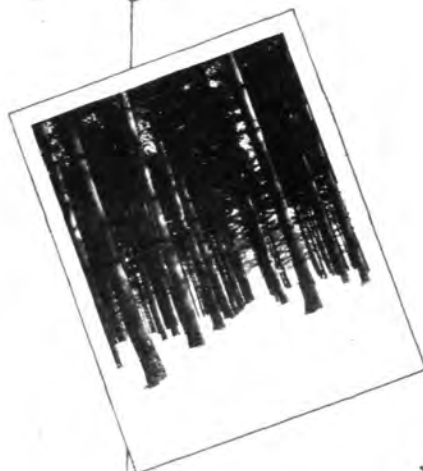
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"JUST received the July issue of the RECORD and I want to compliment you upon its appearance and contents. It has greatly improved during the past year and is getting to be a journal that our alumni need not be ashamed of. To be desired it must be attractive and interesting to the alumni of old as well as those of recent years. It must be worth the price."—A. H. VOIGHT, '81.

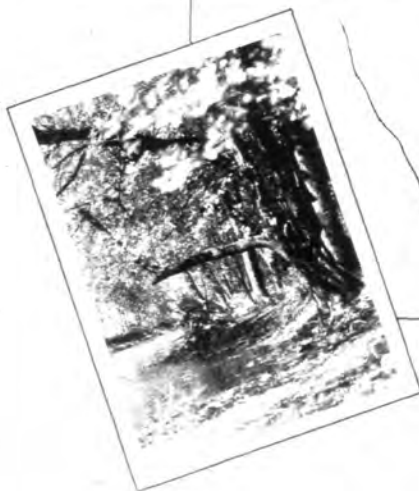
FINAL arrangements are being made in seven of the nine districts of the state to hold alumni meetings and reunions in connection with the fall meetings of the State Teachers' Insti-

tutes. A list will be published in the September issue. If you are a teacher or reside in any city entertaining the visiting teachers, make plans now to renew your M. S. C. interests at that time.

Mrs. Sena M. Cross, of Lansing, widow of "Paddy" Cross, former instructor in military science here from 1910 to 1917, died suddenly at her home Wednesday morning, August 21. Death was believed to have been due to a heart attack. Mrs. Cross was an accountant in charge of the tax returns in the state corporations divisions at the capitol. Only one sister, Mrs. Ed. Lindenberg of Flint, survives.



The Campus Beautiful~
in summer an emerald
jewel~in winter a spot of
unsurpassed beauty~abet-
ted by places we will never
forget---Forest of Arden
Pinetum, the Red Cedar,
Lovers' Lane, and all the
rest. ~ ~ ~ ~ ~



The MICHIGAN STATE COLLEGE R E C O R D

Entered at the East Lansing Postoffice as Second Class Matter

Vol. XXXIV. No. 12

EAST LANSING, MICHIGAN

August, 1929

Mumford Brothers, "Siamese Twins of Agriculture"

Herbert W. and Frederick B. of '91, Follow Parallel Paths

By Eugene Davenport, '78

THE MUMFORDS, Frederick Blackmar and Herbert Windsor. Where else such a pair as this? Both were: Born on the farm at Moscow, Michigan.

Reared in a family of the strictest standards of rectitude.

Students of Albion and of the Michigan Agricultural College.

Graduated from M. A. C. with the class of 1891.

Assistants, then assistant professors and later full professors of agriculture at their Alma Mater.

Later professors of animal husbandry, F. B. in the University of Missouri, and H. W. in Illinois.

Made dean of the College of Agriculture and director of the Experiment Station in their respective universities, where long service had demonstrated their ability.

Honored a year ago by Michigan

Paper read at Mumford dinner program of the annual meeting of the American Society of Animal Production, December 2, 1928.

They are loved by their associates and trusted by their constituents. Hale and hearty, full of honors and in the midst of lives abounding in the richest usefulness, they are worthy in every way of our warmest congratulations. What a fruitage of the years and what a confirmation of the hopes of those who bred and reared such fine specimens of American manhood.

In 1868, F. B. secured the start of H. W. by being born three years ahead of him. But H. W. has been hot upon his trail ever since. It has been neck and neck between them, with advantages going to the institutions fortunate enough to have secured their services.

THEIR FAMILIES

Both these men were happy in their marriage relations. Knowing them as we do, we may be certain that so important a step was taken with deliberation, foresight, and a keen regulation of the duties as well as enjoyment of the privileges of husband and father.

These qualities fully justified Miss Jessamine Kennedy of Hanover, Michigan, in accepting Fred as her yoke-fellow in 1895, and Miss Lena Crosby of Lansing in casting in her lot with Herbert some three years later. Here the brothers pursued different courses. While Fred's family consists of four, all girls, Herbert's numbered five, two girls and three boys. Of all this lovely company, only one, Jamie, has gone before.

BOTH STUDIED ABROAD

Both these men have had foreign contacts under rather exceptional circumstances. F. B. was a student at Leipzig for a time in 1900 and at Zurich in 1901. He served creditably as a member of the *Mission Americaine de Rapprochement* to France in 1919.

Herbert studied livestock conditions in Great Britain, France, Belgium and Holland in 1897 and in Argentine in

1908 and served on the American commission invited to make a study of agricultural conditions in Germany during the summer of 1928.

F. B. is a member of the Missouri State Board of Agriculture; was chairman of the Missouri Council of Defense, 1917-19, and was Federal Food



FREDERICK B. MUMFORD

Administrator for the state during the same period. H. W. was chairman of the cattle judges at the St. Louis exposition and served as a judge at the Buffalo and Panama expositions.

Both have served our livestock interests well; they have been loyal to the state and the institution they were invited to serve. In all these they have justified the promise they gave as students.

NOTED AS SCIENTISTS AND TEACHERS

Both have attained honorable mention in about all the national agricultural organizations of academic or scientific character. F. B. is a Fellow in the American Association for the Advancement of Science.

They are skilled and dependable teachers and able investigators in the problems of animal husbandry. They have contributed notably to the experiment station literature of their respective institutions, H. W. being a pioneer in the study of market classes



HERBERT W. MUMFORD

State, their Alma Mater, with the degree of LL.D.

Married at the age of 27 to most delightful helpmates and are fathers of fine families of children.

and grades. Both are authors of standard literature. F. B. of the well-known text in "Animal Breeding." In 1907, H. W. published "Beef Production" and was joint author of "Practical Farming and Gardening." He has also prepared articles for the Cyclopaedia Americana and the Cyclopaedia of American Agriculture. They have contributed liberally and ably to current agricultural literature. The farming and livestock world welcomes what they have to say, for it always has a meaning and a purpose.

SIAMESE TWINS OF AGRICULTURE

These men have thoroughly justified the expectation which the writer indulged for them as students with him nearly forty years ago. They were able, high-minded, industrious young men; they have carried that ability, high-mindedness, and industry into all their subsequent undertakings and through all the complications of busy lives. They are the only brothers who have run so nearly a parallel course in concurrently, or at any other time, agriculture and the only ones to be deans of colleges of agriculture in great universities. Abundant reason exists, therefore, to justify the cognomen so often applied to them, "The Siamese Twins of Agriculture."

Both have been recipients of those advances which are intended to sound out one's willingness to consider what would commonly be regarded as higher ranks of service. They have consistently refused to be drawn away from direct service to agriculture. This is fortunate because that service has been both honestly and ably rendered and of great advantage to American farming. As these "advances" do not proceed as far as definite "offers" they cannot be publicly stated. But they reflect the widespread confidence reposed in these two men whom we are all delighted to honor.

SPARTAN CLUBS

ERO ALPHIAN ALUMNAE

SUMMER visits and alumni tourists coming to the campus always forms an interesting part of the summer routine. So it was on July 16, when Mrs. Edith Roby Draper '07, of Flora, Indiana, entertained a number of her friends, graduates of M. S. C. and members of the Ero Alphan society, at the home of her mother, Mrs. Ella C. Roby, 143 South Harrison road, East Lansing. The "girls" present were:

Lelah Burkhart, '24, Fowlerville and Cleveland, Ohio; Lora Hyde Kratz, '08, Dubuque, Iowa; Leta Hyde Cleveland, '09, Columbus, Ohio; Edythe Warren, '08, Clayton, Michigan; Edith Roby Draper, '07, Flora, Indiana; Beatrice Coe Hunt, Holly, Michigan; Allene Raynor Atkinson, '09, Grand Rapids, Michigan; Minnie Johnson Starr, '10, Grand Rapids, Michigan; Barbara

The M. S. C. Women's League



MRS. T. H. BROUGHTON
President

M. S. C. Women's League

ABOUT the time this issue of our alumni magazine reaches you most of the girls will be busy at home or enjoying the last few days at the cottage, preparatory to getting Mary and Johnny off for the new school year. But we just wanted to let all our friends know that the Alumnae Council changed its name at the annual meeting last spring, and henceforth our organization is to be known as the Michigan State College Women's League. Any alumna having taken the equivalent of one term of work at Michigan State college is eligible

for membership. Our sole purpose is one of unity among the former women students of old M. S. C. in molding their thoughts and interests toward their Alma Mater.

Outstanding among the projects of the League for the coming months is the completion of the Women's Lounge rooms on the first floor of the Union Memorial building. Nearly \$3,000 in furnishings and equipment has been given to the Union by the women in the past several years. It is the plan of the League to meet at the Union on the last Monday evening of each month, with programs that will be of interest to all alumnae. We are desirous of having any former alumna affiliate with us and bring their suggestions to the meetings. Officers of the League for 1929-30 are president, Blanche Evans Broughton, w'17; first-vice-president, Gladys Franks, w'27; second vice-president, Louise Clemens, '13; secretary, Helen Hedrick Casteel, '23; treasurer, Dorothy Dorris Frimodig, '17; corresponding secretary, Irene Paterson, '24.

VanHeulen, '10, Grand Rapids, Michigan; Hazel Lamoreaux Lynch, '12, Grand Rapids, Michigan; Edith Gunn Dail, '10, Lansing, Michigan; Olive Graham Howland, '09, East Lansing.

The party included Al Kratz, and the four youngsters, Mrs. Hyde and son of Hastings, young Jack Draper, little Miss Hunt and Mrs. Robey. After dinner the crowd inspected the campus, new buildings and wandered over old haunts. It is good to see one's friends once again and have a good visit.

—OLIVE HOWLAND.

AFTER FIFTY YEARS

A LETTER from Alumni Secretary Stewart advised us that Frank F. Rogers of '83 (formerly state highway commissioner of Michigan) was visiting in our city. This afforded an opportunity for an interesting meeting and immediately a luncheon at the University club was planned for our guest of honor with the following alumni present: W. O. Fritz, '77, E. C. McKee and A. H. Voigt, '81, Rodney Abbott and H. S. Hackstaff, '82, Dr. W. S. Stryker, '84, and A. T. Miller, '85. Bearing in mind that all of these men were in college fifty years ago, it will be readily understood that some very pleasant and happy hours were spent in discussing the "good old days" when the college was young and small, and also in hearing about the improvements and progress made from year to year since that time, and the big things doing there at the present time.

We all were particularly interested in getting some direct information regarding the value and interest of both

actives and alumni in the Union Memorial building and in the wonderful Memorial tower recently erected on the site of the old college hall by a loyal alumnus—a splendid example for others to follow.

The M. S. C. Alumni association of southern California will always be found with the "glad hand" out to greet any college people who happen to visit our city. We want to keep in touch with college activities, and "keep alive the flame of the memory of youth and the friendship of college days."

August 15, 1929.

Los Angeles, California.

—A. H. VOIGT '81.

SUMMER GROUP AT U. OF M.

JAZZ, baseball games, whoopee parties, and golf tournaments are never scheduled by our alumni attending summer sessions at the University of Michigan. But just let anyone put a bug in their ear that the old grads of Michigan State are to have their annual "feed" at the Chubb Eat House, and lecture notes, reading assignments and term papers are brushed aside for a few hours at least.

So it was on the evening of August 7 when nearly thirty men and women joined in a little State pep meeting and reminisced over the many interesting things that had happened on the East Lansing campus. The success of the affair was due largely to the efforts of E. L. Grover, '07, who tried to notify everyone. H. C. Stark, '19, of Buchanan, was appointed official ring-

(Continued on Page 8)

Twenty-four Reserve Officers Attend Camp Knox

Michigan State Alumni Active in Anti-Aircraft Artillery

A SURPRISING proportion of the reserve officers, Coast Artillery (anti-aircraft), who attended Camp Knox, Kentucky, this summer were "State" men. Among the 200 reserve officers in the anti-aircraft camp for the two weeks July 28 to August 10 were twenty-four graduates of our Alma Mater.

Camp Knox is now but a reminder of a once large, war-time cantonment, run into the usual, rather sad, state of disrepair of most other World war camps. It is situated on the Illinois Central about thirty-one miles south-east of Louisville, Kentucky. The country is rather interesting, with its wooded hills and valleys, but the farming land surrounding the camp is very poor.

Those of us attending the camp feel well repaid for the time spent, for acquaintances were renewed on every side. The "esprit de corps" was very high, and it must be said that the regular army officers in charge put forward every effort to make the camp a very interesting and instructive one.

Reserve officers, selected from about ten reserve regiments of anti-aircraft artillery, were formed as regular batteries, manning the guns and fire control apparatus. Firing was conducted at a sleeve target towed 2000 feet behind an aeroplane with a length of steel cable. While the score was not officially announced, it is known that a number of direct hits were obtained. The target was brought down three times by shrapnel hits on the ton-cable near the target.

The very latest anti-aircraft guns

That the efforts of the military department under Lt. Col. T. L. Sherburne, bear fruit, is evidenced by the fact that 24 Michigan State men were reserve officers at Camp Knox this summer. Read the interesting story contributed by 1st Lt. Myrl E. Newark, '25.

were available for the training period. Two new three inch 1929 model guns were brought by a detachment of men from the 62d C. A. (AA) regiment stationed at Fort Totten, New York. This regiment has all of the four guns of this new type which have been manufactured up to this time.

The main armament described above was designed for defense against the large types of observation planes and against big bombers. These plans are relatively slower, must travel at uniform speeds, and at a fairly constant altitude, thus making their course susceptible to data computing.

For finding the target at night a device known as the "sound locator" or "long horns" is used. This device indicates the exact direction from which a sound is coming and by listening to the motor the operator can tell where a plane is and which way it is moving. The locator is connected electrically to the searchlight. Correction is made automatically for time of travel of plane and time of travel of sound, wind, etc. Thus the searchlight is pointed at the target even

before the light is turned on. The target can be located quickly without disclosing the position of the searchlight before the plane is found. Such a light is the "pilot light." Once the target is found, other lights are brought to bear on it. A total of four lights were brought by the detachment from the 62d.

Eight machine guns were used to show the latest developments of this type of defense against low-flying, fast, highly maneuverable planes such as scout, pursuit, and attack planes. A new system of range finding has been developed for these in which data from the instruments is set by automatically moving the front sights of the guns. The gunner merely keeps his sights lined on the target and fires. This system is not well developed at present, but it seems to be quite feasible. Tracer bullets are not used in this method.

The accompanying photo shows all but two or three of the M. S. C. men who were present at this camp.

Farmers Day A Success

THE largest throng of central Michigan farmers that has attended a summer Farmers' Day in three years gathered on the campus Friday, August 2, for the 12th annual event. The attendance was at least 6,500, which college authorities consider exceptional because of the harvest season. The forenoon was devoted to inspection trips of the college buildings, experimental plots and projects. The R. E. Olds community singing contest was won by the Methodist Episcopal church choir of Farmington.

A feature of the day was the dedication of the new dairy barn, with a banquet served in the hay mow of the large building. Several prominent speakers were on the program including O. E. Reed, chief of the bureau of animal industry, Washington, D. C. and former head of the dairy department at the college. Special recognition was given the five Michigan women selected by the Farmer's Wife magazine as Master Farm Homemakers. Mrs. Floyd M. Barden, '04, of South Haven, Michigan was among those honored this year.

The summer meeting of farmers was originated twelve years ago as a war-time measure and was designed to offer an opportunity to organize the agriculturists of the state. Since the close of the war, the event has been developed until it now serves as a clearing house for agricultural information.



READING from left to right—top row—2nd Lt. Edwin D. McLean, '28e; 2nd Lt. John S. Hartman, '29e; 2nd Lt. Kenneth E. DeGraw, '25s; 2nd Lt. Stanley Luther, '28e; 2nd Lt. L. A. Bemis, '23e; 1st Lt. Wright Wilson, '24e; 2nd Lt. Howard G. Ling, '26e; 2nd Lt. A. Harold Laxton, '29e; 2nd Lt. H. H. Bickel, '22e; 2nd Lt. Joe M. Newman, '25e; 2nd Lt. Bruce B. Bolton, '28e; 2nd Lt. W. C. Gunn, '26e; 2nd Lt. Carl W. Gohr, '26e; 2nd Lt. Ronald P. Lowry, '25e.

Bottom row—1st Lt. Howard F. Hollenbach, '24e; Capt. Dan W. Mather, '13a; Major K. B. Lemmon (U. S. A.), '08e; Major R. G. Chamberlain, '13e; Capt. G. T. Bentley, '19e; 1st Lt. Myrl E. Newark, '25e; 2nd Lt. Norval L. Offenbauer, '28e; 2nd Lt. Lawrence A. Strobel, '28e; 2nd Lt. W. Arthur Coakes, '29e.

Those at camp but not in the picture were 2nd Lt. Stanton A. Bennett, '24e; 2nd Lt. Mark L. Beardslee, '29e.

Dr. Dye To Succeed Miss Krueger As Dean of Home Economics Work

APPPOINTMENT of Dr. Marie Dye as acting dean of the department of home economics, to succeed Dean Jean Krueger, resigned, was announced August 6, by President Robert S. Shaw.

Dean Krueger resigned recently to assume a position as head of the economics department of the Merrill-Palmer school of Detroit.

Dr. Dye assumes her position as head of the important department following years of research work and valuable service as assistant professor and later associate professor of home economics of the College faculty.

She has had charge of much of the research work done in the department and conducted much of the institution's graduate and scientific study relating to economics and pertaining particularly to nutrition.

Dr. Dye has three degrees gained in the University of Chicago, bachelor of science, master of science, and a Ph.D. degree in home economics and nutrition.

She assumed considerable responsibility in an advisory capacity prior to the construction of the new home economics building, considered generally a model of its kind.

Her appointment is the third of importance announced at the college within recent months, in which the services of educators with doctors' degrees have been obtained.

Other appointments effective September 1 include those of Dr. E. L. Austin to the department of education and of Dr. H. S. Patton to the department of economics.

Big Reunion for '09

ALUMNI DAY, June 22nd, brought back quite a representative group of '09ers for their 20th reunion. Better than 69% of the "fairer sex" of the class members returned for the occasion, perhaps because one of their number, our Mary, held so important a place on the program of the entire Commencement festivities.

After dining together in the Union, a short meeting was held to listen to the reading of letters and telegrams from members unable to attend. The photographer tried his luck at getting a picture, but Art Sargeant cut so many capers that it was hard to keep all eyes on the "birdie" and the result may not portray the usual dignity of '09.

Many of the visitors attended the dedication of the Memorial tower, others enjoyed the ball game, and visiting continued the while. All gathered again for the "Sunset Supper," where over 40 were seated together to eat, drink and be merry a second time. The final event of the day was the reception and dance at the Union, bringing to a close an occasion replete with reminiscing, rejuvenating and rejoicing. You '09ers who failed to come, we missed you, and we hope your good fairy will truly look with favor upon your attending the next get-together of the class at a future date, maybe next year, surely in 1934. The following registered for the day:

Harry Kempster and wife; "Gerry" Allen, wife and daughter; Mary Allen Phillips; Edith Hudson Bearup; Ethelyn Hudson White and husband; Lena VanHalsteren and Andrew; Allen Raynor Atkinson, husband, P. V. and four children; Roy Lyons; A.

Hutchins and wife; Art Sargeant, Jess Gibson S. and Arthur, Jr.; Lucille Carney Rudsinski; Leon Belknap, wife and daughter; Leslie Belknap; Vaughn Tanner and wife; Fay Burroughs and wife; Bertha Cameron; Karl Hopphan; Myrta Severance Barden and Floyd; Ben H. Anibal; George A. Bignell; Mr. and Mrs. David Boyd; Clyde L. Emery and wife; Ben Jerome; J. J. McDevitt and wife; Chas. H. Spurway; Olive Graham Howland and Arthur Howland.

—OLIVE GRAHAM HOWLAND, Secretary.



HELEN D. GRIMES

Head of the Women's Department of Physical Education

RAPID strides have been made in the department of Physical Education for women since 1919, at which time the present gymnasium was first occupied. The major course in Physical Education now includes dietetics, nutrition, diathermy, music and art.

SPARTAN CLUBS

(Continued on page 6)

master and called upon A. J. Hutchins, '09, who has spent several years in southern Florida, to tell about real estate ventures and the school teacher. This was followed by some interesting remarks by "Bob" Gorsline, '20, of Kalispell, Montana, who told of combining the duties of a western rancher with that of high school coaching. Bob had just returned to native soil for the first time since leaving M. S. C.

Bringing the latest campus news Alumni Secretary Stewart pictured a very favorable set-up for athletic activities this fall and enumerated many items of college news for the summer students. Having recently returned from the annual meeting of the American Alumni Council a summary of the newer aspects of alumni work was pictured with an appeal for Michigan State alumni everywhere to foster more than ever the program of their Alma Mater.

The following attended: Arthur W. Cronk, '12, head exact science department, Hutchins Intermediate school, Detroit; Maurice L. Reed, '19, counselor for boys, Lansing Continuation School, Lansing; E. L. Grover, '07, instructor, M. S. C., East Lansing; H. E. Newman, '24, superintendent at Walled Lake; W. E. Baker, '25, superintendent at Mesick; M. E. Hath, '17, superintendent at New Hudson; G. R. Bogan, '16, superintendent at Clare; H. C. Stark, '19, superintendent at Buchanan; A. J. Hutchins, '09, superintendent at Grand Blanc; E. B. Elliott, '24, superintendent at Ovid; Georgia Lightfoot, '27, teacher in Detroit; Hawley C. Cobb, '27, teacher in Plymouth; Vivid Bainbridge, '28, teacher in Northville; Claude J. Dykhouse, '26, teacher in Plymouth; Merle J. Weaver, '26, principal in high school, St. Clair; Fred Adolph, '22, superintendent at Alcona; Arthur F. Speltz, '19, superintendent at Pontiac, Illinois; Ralph E. Folks, '25, principal in high school at Monaca; Robert H. Gorsline, '20, teacher, Kalispell, Montana; H. K. Jerome, Principal in high school, Eau Claire; Ralph A. Stow, Insurance business, East Lansing; and Glen O. Stewart, '17, alumni secretary, M. S. C., East Lansing.

Louis Graveure returned to the college campus July 15, after a sojourn abroad where he made appearances in grand opera. His schedule for summer work at the Michigan Institute of Music called for a full day lecturing and teaching on Mondays, Wednesdays and Fridays, with morning lessons on Tuesdays, Thursdays and Saturdays. This left him with little time for golf, amateur photography, writing or any one of the dozen or more other occupations which make up this many sided man's life. A large class of students, coming from various corners of the country, were enthusiastic over their summer work with the noted vocalist.

Leonard Falcone, director of the popular college military band, appeared as a soloist Sunday, August 11, at Interlochen, in a concert given by the National High School orchestra. Mr. Falcone played the baritone horn giving Boccacari's difficult "Fantasie Concerto." Press reports were unanimous in their praise of Mr. Falcone's work.

"Close Beside the Winding Cedar"



Lewis Richards, director of the Michigan State Institute of Music and Allied Arts, appeared Tuesday evening, August 6, in a joint concert with Felix Salmond, cellist, at the annual musical festival which was held at Gloucester, Massachusetts.

A plan to found a great dairy cattle herd at the college by sending the best animals in the herds of the state institutions to the College has been advocated by Governor Green. The State Board of Agriculture has set aside \$10,000 for use this year in re-stocking the college dairy herd.

Harry G. Kipke, defending title holder of the men's amateur golf championship of Lansing, fell before the sharp-shooting of B. L. (Bud) Hewitt, w'24, star southpaw when their match was played over the Groesbeck municipal course, Saturday, August 3. Careful golf and a fine display of courage won for Bud one up.

East Lansing's population is estimated at 6,000 persons by the McKinley-Reynolds company, publishers of the Lansing city directory just recently off the press. This figure is arrived at by using the estimate that there are two and one-quarter persons in the city for every name listed in the book, which is considered a conservative estimate. The population of Lansing is estimated at 101,875 according to this company.

Alex Laurie, assistant professor of floriculture for four years, has accepted a professorship in this subject at Ohio State university. He will assume his new duties in September at our sister institution. Professor Laurie has added eleven new courses in floriculture since he has been with the college and has directed several excellent flower shows. He has been one of the popular professors among the horticultural students and well known for his campus interests.

The first term of the eleventh annual summer school at the College was brought to a close on Friday, August 2, some 625 students having taken class work during the special session. Professor Albert Nelson, of the journalism department, served as director of the summer session for the first time.

Miss Edna V. Smith, '03, and Miss Evelyn Turner, specialists in labor saving and electrical equipment for the home, have cooperated with H. J. Gallagher, '15, of the agricultural engineering department, in demonstrating electricity in the home on the farm by means of specially equipped model kitchens mounted on trucks. Demonstrations arranged in various counties showed how rural housewives could accomplish their work with the least possible steps.

"A pair of youthful Paganini," the Kansas City Times called Izler Solomon and Ralph Rose, Jr., when they gave a violin recital in Kansas City recently, supported by Archie Black at the piano, who was called a "faithful shadow at the piano but not a grey one."

In advance notices the three young musicians carried the name of Michigan State college and the Michigan Institute of Music in the columns of the Kansas City papers with, of course, the names of Lewis Richards, and Michael Press, whose pupils they are.

According to R. J. Baldwin, '04, director of extension work at Michigan State college, horse power rating appears to be something of a mystery when the formula used for computing the horse power of engines showed that a team of horses exerted 18.9 horse power at St. Johns in a horse pulling contest supervised by members of the animal husbandry department at Michigan State college.

This team, owned by Glen Wisner, Ovid, pulled 2750 pounds on a measuring machine for a distance of 27.5 feet in 6.5 seconds. The weight pulled is equal to lifting that number of pounds vertically. The 2750 pounds vertical lift is equal to keeping a load of 91 tons in motion on a paved road.

The animal husbandry specialists say that the reason a horse can exert energy equal to several horse power is because a good horse has reserve strength that can be drawn upon in emergencies, and that record breaking teams are those animals which have the "heart" to give every ounce of their reserve at the summons of their owner.

Keep yourself and your friends posted through The Record.

Summer school students studying dramatics under Professor E. S. King, of the English department, presented the play, "The Beneficent Bear," by Carlos Galdom, in the Forest of Arden, Thursday evening, July 25.

A floral rainbow was on display at the Demonstration hall August 23 and 24, when the amateur and professional growers of gladioli met to show their favorites and new varieties in the fourth annual Gladiolus show sponsored by the College. Professor Alex Laurie directed his last show before leaving for his new duties at Ohio State.

The 4-H clubs of Michigan organized by the extension department of the College with A. G. Kettunen, '17, as state leader, were especially proud when William Tobias, a 15 year old grade pupil of Saginaw county, was named boy champion in the national health contest held recently in Chicago. Young Tobias already has three health championships to his credit, having won the Saginaw county contest and the health championship of Michigan.

The weed control demonstration train, operated jointly by the farm crops department and the botany department, recently completed a tour of the countries of southern Michigan. The car was on the college siding and open to visitors as one of the interesting features of the annual Farmers' day. During its visit to the small towns of the state, Dr. H. T. Darlington, of the botany department identified more than 1,000 weeds for the farmers of the territories visited.

The song of the saw in the hands of experts awakened memories of the days of the big woods when the lumberjacks in the tree falling contests swung into action at the annual Farmers' Round-up, held at Chatham, August 10. Although the last of the big pine has gone rolling down the Whitfish river into Little Bay de Noc, there are still lumber operations in the Upper Peninsula and there are jacks who challenge the statement that their predecessors were better men. Prizes were given to the crews which were the first to get their trees felled and bucked up into logs. Professor J. C. DeCamp, '10, of the forestry department acted as one of the judges.



PSI CHI



CHI OMEGA

Society Homes



DELTA SIGMA PHI



PHI DELTA



ALPHA PHI



PHI KAPPA TAU

Many Local Fraternities Adopt the Slogan, "Own Your Own Home"

The "Own Your Own Home" slogan receives the hearty support of at least two Michigan State college fraternities, which have recently built exceptionally well constructed and equipped fraternity houses for their members.

Probably the largest fraternity house at State college is the Hesperian house, at West Grand River and Harrison road. The building was constructed at a cost of nearly \$50,000, and accommodates about 25 members. It was completed and ready for occupancy on January 1, 1928. Since that date, it has been the headquarters of the Hesperians.

Not only do the "Hespies" own the house; they also have purchased some three acres of property, where the structure was built. The land cost them \$20,500. Funds for purchasing the property and erecting the house were derived from the sale of the former Hesperian property on East Grand River avenue, once known as the Woodbury home, to the East Lansing Development company, which financed the construction of the so-called Abbott block on this site. The sale price was approximately \$100,000.

Architecture of the Hesperian house is Italian-American. Among the features are the specious terrace and loggia and the attractive fireplace. This latter boasts a Roman Travertine mantel. The fireplace is located in a large sitting room which occupies the main part of the first floor, and is used as a ballroom for fraternity parties and open house occasions. The house is 75 by 34 feet, and includes four stories with the basement.

Long before the old Forensic society house became the Gamma Omicron Zeta chapter of Lambda Chi Alpha, in 1922, members had planned for a fraternity house of their own. Their dream was realized in the fall of 1927,

when their present home at 128 Haslett street was constructed.

The Forensics had purchased real estate. The property—three city lots, 50 by 165 feet—upon which the chapter house now stands, was secured several years ago at a cost of \$1,900. It is now evaluated at \$9,000. The design for the home was drawn up by one of its older members, F. B. McKibbin Realty company of Lansing were the builders.

The house is 72 by 34 feet, and includes a large dining room accommodating 50 persons; sun-parlor and spacious living room; reception room and library; study rooms, sleeping quarters, and individual lockers. Study rooms will accommodate a total of 30 men.

The floors of the house are of oak, and the woodwork is of dark stained magnolia. Walls are rough, of stippled plaster, with a color scheme of cream color. On the main floor, doorways are arched, and walls paneled. There are 250 lights in the house. All windows are steel framed.



The Row of Elms in East Lansing
Planted in 1878-79

Good ideas for new typographical effects may be had from drawings of streptococcus and other bacteria to be found in any standard work on medicine.

One of those "advanced thinkers" of whom some one recently said that "they imagine they are emancipated when they are merely unbuttoned."—Doyle in "School and Society."

DEATHS

PROFESSOR JAMES SATTERLEE, '69 (died August 12, 1929, at his home in Lansing) entered M. A. C. from Greenville, February, 1866, graduating with a class of ten in 1869. Returned at once to the farm, remaining twelve years when in 1882 he was elected professor of horticulture (M. A. C.) being the third graduate of this college called upon to fill that post (Prestis, '63-'69, Tracy, '68-'72).

Horticultural headquarters occupied a part of the basement in old College Hall during the "first thirty years growth" of the College. The rigors of a professorship did not fit the kindly nature of Mr. Satterlee, he resigned and after six years clerical work with the Michigan department of health and the New York State Agricultural Greenville farm in 1891, remaining until 1905 when impaired health obliged him to retire as an active farmer. Later to retire as an active farmer. Later for several years he was connected with the D. M. Ferry company of Detroit as collector and salesman. For nearly twenty years his home in Lansing was the headquarters for early graduates and students during June alumni gatherings.

Characteristic of him were his high ideals of life, his strong friendships, Brees, '91; Elmer F. Rowley, '90, and his unselfishness.

Among his relatives are Will J. Mrs. Lena C. Mumford, wife of Déan H. W. Mumford, '91, Illinois university.

KEITH FORTUNE KRUEGER, '19

Word has been received of the death in Olympia, Washington, of Keith F. Krueger, '19.

CARLTON ROLLIN DART, 1881

Carlton R. Dart, '81, died June 23, 1929, in Chicago. Mr. Dart was consulting bridge engineer for the sanitary district of Chicago, and lived in Wilmette, Illinois.

ANDREW P. KRENTAL

Andrew P. Krental, instructor in woodwork, engineering division, 1902-1929, died July 21st after a lingering illness. He was born in Flensburg, Germany, in 1854. Descended from a long line of artisans, he was trained in a school of a technical character for three years after his 15th birthday, but ran away to Copenhagen, where he was apprenticed to a cabinet maker and continued in that work until 1876, when he sailed for the United States.

He came to Lansing at once, as he had a friend there, and endeavored to obtain employment as a wood finisher in the State Capitol building, then in process of erection, but was denied the opportunity because he did not understand sufficient English. He therefore

Kids Invade Campus

MORE than 500 county 4-H club champions from all over Michigan and many adult leaders, invaded the college campus during the eleventh annual Club Week, July 9 to 13. General staff and field officers from the club department and the extension forces generally, did a little supervising, entertaining, and directing, and a lot of safeguarding.

Real interest was exhibited in the programs as well as the fun feasts arranged by A. G. Kettunen, '17, popular leader of the 4-H club movement for Michigan. Meals were served the group in the old Armory and the drill grounds proved a natural field for all sorts of contests and evening programs.

went to Grand Rapids and entered the employ of the Quimby Furniture factory, remaining there for twenty-three years.

He then came to the College as an associate for a time in the workshop here of his brother George and in 1902 was appointed as the head of the wood instruction shop in the engineering department. No graduate from the Engineering Division in recent years will forget Andrew P. Krentel.

The best influences exerted by a college do not all emanate from deans and department heads. A cultured

gentleman, in carpenter's apron, like Mr. Krentel, has left a strong impression on the young men who came under his instruction as the years went by.

A familiar scene would be one involving the trapping of the sawdust loose, which had been stuck into an imperfect joint, and smiling into the face of the freshman, who was thus taught a lesson of honesty with emphasis.

Mr. Krentel is survived by the widow and one daughter, Mrs. Calla Krentel Eylar, '07, of La Mesa, New Mexico.

Who Will Be the Leaders Tomorrow?

THE leaders tomorrow will be the young men of today who are proving their worth. Never have opportunities been so great for deserving young men who show by their energy and thrift that they are worthy of bigger responsibilities.

A savings account is the best reference for any young person—a silent partner always ready to help you climb up the success ladder.

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Your College Days

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See that your office or your desk has a suitable reminder of your college days. Write us or come and visit us when in East Lansing.

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"Always At The Service Of The Students and Alumni"



These familiar faces will be on the practice field to greet the 1929 Spartan aggregation September 9.

Left — Assistant Coach "Mike" Casteel.

Below — Trainer "Jack" Heppenthal.



Cross Country

THE veteran Michigan State college cross country team, which has been undefeated since 1926, will face the same dual meet opponents as last year, Marquette at Milwaukee, Notre Dame at East Lansing, University of Michigan at East Lansing; besides these teams the Spartans will run in the Central Inter-collegiate meet, held at East Lansing, and the I. C. A. A. A. cross country run which is held in New York City.

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Crowley Invites Spartans Back September 9 for First Practice

IF in numbers there is strength then the Spartan football camp, scheduled to open September 9, should have worlds of power. Coach Crowley and Director Young, after looking over the possible candidates sent out invitations last week for seventy-five players to attend the pre-season workouts.

Director Young announces that this will be by far the largest delegation that has reported at the old field for several years. Due to the fact that he has not seen any of his players in action and wanting to be sure about his choices, the new coach has asked that almost every player of the game report to him.

Should Crowley be superstitious he may see a bad omen in the fact that there will be thirteen letter winners back this year. That many men will return who have won awards in past seasons.

There will be a fair squad of sophomores reporting for the first time although last fall no outstanding iron men were uncovered. Seven of the veterans from Kipke's 1928 team are backfield men and six are linemen. Crowley will have a center, a guard, three tackles and one end as a nucleus for a line. There are three halfbacks, as many fullbacks and one quarterback in the ball toting ranks who have seen service.

The linemen are Dill, Smead, Ferrari, Joslin, Ridler and Fogg. The backs are Captains Vern Dickeson and Fred Danziger, Roger Grove, Johnny Wilson, "Duke" Schau, Jack Ruhl, and Carl Nordberg.

The complete list follows:

Centers—*Harold E. Smead, Sturgis; Hilding C. Olson, Escanaba; Anthony Ptashnick, Hamtramck; Roy C. Chatfield, South Haven; Richard W. Cook, Muskegon; Gerald Maskery, Detroit; Bernard H. Schimmel, Detroit; Edwin R. Cook, Flint; Albertus Schrems, Saginaw.

Guards—Reuben E. Dill, Saginaw; James G. Hayden, Cassopolis; Herman C. List, Sebawaing; Edwin W. Fricker, Massillon, O.; George E. Handy, Detroit; Howard T. Joehning, Grand Rapids; George S. Carlson, Iron River; Robert W. Miller, Waukegon, Illinois; Laurence S. Smith, Lansing; Claude R. Streb, Birmingham; Leroy G. Russo, Jackson; Robert F. Buskirk, Paw Paw; Milton C. Cross, Saline; Herman Robinson, Grand Haven; Robert S. Lincoln, Greenville; Charles E. Slaght, Grand Blanc; Melville M. Pfing, Massillon, Ohio.

Tackles—*George D. Ferrari, Bessemer; *Marion L. Joslin, Grand Rapids; *Don G. Ridler, Detroit; Jack L. Douglas, Detroit; Maynard D. Hosler, East Lansing; LaVerne E. Joslin, Grand Rapids; Roy C. Warner, Detroit; Leroy G. Jackson, Manistee; Herbert C. List, Sebawaing; Lester W. Exo, Holland; Kenneth S. Young, Dunningville; Harold T. Haun, Lansing; Ernest F. Buckholz, River Rouge; Earl Stine, Battle Creek.

Ends—Cecil C. Fogg, Jackson; Max D. Crull, Dimondale; Daniel L. Prendergast, Owosso; Jacob P. Fase, Grand Haven; Clarence E. Lindner, Grand Rapids; Henry L. Cross, Flint; Clifford A. Carlson, Negaunee; Ray C. Schaubel, Grand Rapids; Cass J. Opiach, Detroit; Donald L. Warren, St. Joseph; Robert D. Lowry, Midland.



RALPH H. YOUNG
Director of Athletics

DEMAND for trained men to coach athletics and teach physical education has created an attractive vocational field for college graduates. Michigan State college has joined ranks of the leading universities and colleges in offering special four-year courses of study to prepare men and women for professional service in the physical education field. The course in physical education meets both the college and state requirements fully and leads to a degree of bachelor of science.

Quarters—*Carl A. Nordberg, St. Joseph; Gerald Breen, Holland; Albert M. Jones, Grand Rapids; Edward L. Killoran, Lansing.

Halfbacks—*Captain Vern C. Dickeson, Highland Park; *Roger R. Grove, Sturgis; *John B. Wilson, Asbury Park New Jersey; Willard A. Raiche, Iron Mountain; Kenneth F. Lafayette, Detroit; Stanley A. Wilkins, Breckenridge; Samuel S. Disantis, Cleveland, Ohio; Florian Ferrari, Bessemer; John H. Langdon, Highland Park; Charles P. Ladd, Muskegon; Howard S. Rommel, Sturgis; Alvin W. Olson, Chicago, Illinois; Steven Sluke, Grand Haven; T. J. VanPatton, Litchfield, Illinois; *Henry W. Schau, Calumet, Illinois;

Fullbacks—*Captain Fred W. Danziger, Detroit; Jack W. Ruhl, Detroit; Lyman I. Erratt, Cheboygan; William K. Dole, Kalamazoo; Harris A. Kahl, South Lyon.

*Letter men.

Crowley Picks Wilson

WHEN Jimmy Crowley, new football coach at Michigan State, picked out Hugh E. "Gob" Wilson as an assistant coach he won himself a lot of friends. Wilson, a Michigan man hired by Harry G. Kipke, did very well last year. Both players and fans liked his methods of coaching and the results he obtained. He is a former Michigan star and coached in the south before coming north. He is an Ionia attorney 10 months in the year.

Sachs Next Captain

ALBERT SACHS, '30, of Lewiston, Michigan, was elected captain of the 1930 varsity baseball team by his teammates following the final game on Alumni day. Sachs is an outfielder and has been one of the most dependable men on the squad for two years. He is a very good batsman, is fast afoot and a sure catch in the outergardens. He is a member of the Eclectic society.

It is not too late to pay alumni dues this college year.

Andrew Carnegie once said:

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The Spartan Bookshelf

THE exchange of amenities between most colleges and universities and their alumni has been for many years under suspicion of being over a one-way street. But with developments of the past two years when adult education or the Alumni College has been given much consideration by college authorities the tide seems to be turning.

Michigan State and her faculty stand ready to work with and aid the alumni at all times and in any way possible. From time to time department heads, and especially professors in the English department, will be glad to offer suggestive reading lists to subscribers of the RECORD. The following groups are merely suggestive of books that should prove of interest to the average reader:

BIOGRAPHY:

"Elizabeth and Essex," by Lytton Strachey (Harcourt, Brace). This story of England's great queen is destined to be one of the best books of the year.

"Herman Melville," by Lewis Mumford (Harcourt, Brace). Literary Guild book. The most comprehensive discussion of the author of "Moby Dick" which has yet been placed before the American reading public.

DRAMA:

"Street Scene," by Elmer Rice (Samuel French). One of Broadway's latest plays published in book form.

"Holiday," by Phillip Barry (Samuel French). Another recent publication of a popular modern play.

"Dynamo," by Eugene O'Neill (Harcourt, Brace). Followers of Eugene O'Neill will be anxious to read this play which, like "Strange Interlude," introduces several new and unique theatrical devices.

POETRY:

"An Anthology of World Poetry," by Mark VanDoren (A. and C. Boni). Excellent anthology for college and high school use, as well as for general reading.

"The Winged Horse," by Joseph Auslander and Frank Ernest Hill (Doubleday, Doran). Collection of English verse with the accompanying background of selections of Greek, Roman, and medieval poetry.

A tutor is an instructor who is paid for not flunking you.

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ALUMNI AFFAIRS

1906

L. O. Gordon, Secretary
Clinton St., Muskegon, Mich.

Alida Alexander may be reached during the summer at 153 E. Church street, Adrian, Michigan. She will return to Jacksonville, Illinois, in the fall to teach biology at the Illinois Woman's college.

Albert Robson's blue slip contains the following: "Superintendent of Mohansic park, one of Westchester county's park system. Same occupation, same wife and same two children. Have a very enjoyable position and home and a very pleasant year has passed since last I filled in one of these blue slips." Robson lives in Yorktown Heights, New York.

1907

George Brown, Secretary
East Lansing, Mich.

Howard C. Baker is in the heating and plumbing contracting business under the name of the Howard C. Baker company, 128 S. St. Clair street, Toledo, Ohio. Installations by the Howard C. Baker company have been made in the Commodore Perry hotel, the Toledo Museum of Art, the Toledo hospital, the Libbey-Owens Sheet Glass com-

pany, the National Carbon company Fostoria plant, and the Harvard school, Toledo board of education.

George Henry Ellis is working for the Montana Power company at Butte, Montana. He lives at 2527 Bayard street. Ellis was one of several sent by his company from Kentucky to Texas, with the expectation of five or six years work, when suddenly the company changed plans from hydro to steam and the work was discontinued.

E. A. Willson sends his blue slip from State college station, Fargo, North Dakota: "I have just returned to Fargo after having spent nine months at the University of Wisconsin taking graduate work in rural sociology, toward a doctor's degree. Spent a very profitable and pleasant year at Madison, but am glad to get back on the job of doing research work in rural sociology at the North Dakota experiment station."

1909

Olive Graham Howland, Secretary
513 Forest Ave., East Lansing, Mich.

E. B. Hodges has changed addresses in Pontiac, Michigan, to 35 E. Iroquois road.

Alice L. Latson requests that her

Record be sent to her in care of the Children's hospital, 13th and W streets, Washington, D. C.

1915

Rolan W. Sleight, Secretary
Laingsburg, Mich.

After August first Captain George L. Caldwell may be reached at Fort Oglethorpe, Georgia.

W. B. Cathcart has moved in Flint to 229 W. Patterson street.

Edgar U. Rice is development engineer with the Western Electric company, Inc. of Kearny, New Jersey. He lives at 927 Ripley avenue, Westfield.

Raymond M. Roland lives in Detroit at 14911 Cruse avenue.

S. C. and Edna Tussing Vandenburg ('17), are living in Boise, Idaho, where Vandenburg is a carlot fruit shipper. They add: "M. A. C. people here are very scarce."

F. S. Vaughan gives his new address as 4606 N. Racine avenue, Chicago.

1916

Herbert G. Cooper, Secretary
1829 Moores River Drive, Lansing, Mich.

"Still fruit farming four miles west of Byron Center, Michigan," writes Gerald Bos.

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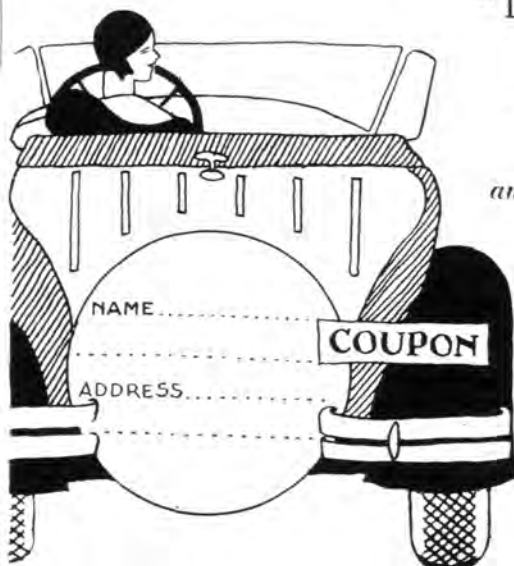
and prove the power of knowledge

Our new booklet, "The Law in Michigan," gives all changes in the State Motor Vehicle laws as revised and enlarged by the 1929 legislature. If you are not familiar with these new laws under which you operate your car just write your name and address on the coupon and mail it to us. Upon its receipt we will forward the little booklet free of charge and without obligation.

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S. J. Brownell has gone to Ithaca, New York, as dairy specialist in the Animal Husbandry department at Cornell university.

Howard E. Cowles is vice-president of the Ebling Creamery company, 1490 Holden avenue, Detroit.

Henry A. and Bernice Hales ('17) Jessop are living in Detroit at 2258 Lothrop avenue.

Elda Robb is nutritionist at the Institute of Child Development, Teachers college, New York City. She lives at 434 West 120th street.

Fred A. Thompson asks that his Record be sent to him at 602 Townsend street, Midland, Michigan.

1917

Mary LaSelle, Secretary
420 W. Hillsdale St., Lansing, Mich.

The postoffice gives George Gillespie's new address as Woodland, Michigan.

E. H. Pate has moved in Detroit to 4812 Cortland avenue.

Alice Powell notes on her blue slip: "I left Berea, Kentucky, the first of May on a leave of absence until

September, on account of my health. I came to Battle Creek sanitarium where I have been ever since, now in the hospital recuperating from an operation. Sorry not to be in Lansing this month, as I had planned. Please send The Record to my parents' address, 428 Townsend street, Lansing, until further advised. I am not sure whether I shall return to Berea in September or not."

Vernon B. and Leola Dunning (w'20) Redfern are living in Saginaw, west side, Michigan, at 1309 State street.

Lowell O. Stewart is teaching civil engineering at Iowa State college at Ames. At present he is at their summer surveying camp on Rainy Lake, Minnesota.

Norman O. Weil sends his blue slip from 64 Sagamore road, Bronxville, New York, with the following: "New York representative for W. S. Tyler company, 247 Park avenue, New York City. Mrs. Weil (Louise Kling, '22) and daughter Barbara, age two, well and happy as am I. Manage now to play a round of golf in less than four hours. After the game spend some

time at duties as secretary of Leewood Golf club."

1918

Willard Coulter, Secretary
1265 Randolph S. E., Grand Rapids, Mich.

H. H. McKinney has moved in Clarendon, Virginia, to 717 S. Lattener avenue.

1919

Paul Howell, Secretary
756 Oakdale, Jackson, Mich.

W. M. Thies gives his new address in Amherst, Massachusetts, as 5 Kendrick place.

1920

Edward J. Leenhouts, Secretary
639 La Salle St. Station, N. Y. C. Lines
Chicago, Illinois

George A. and Barbara Lillie Garratt are living in New Haven, Connecticut, at 581 Central avenue. Garratt is with the Yale forestry school.

This comes from E. Llewellyn Overholt: "Was initiated into the Order of Coif, honorary legal, recently. Reside with family, including E. Llewellyn, Jr., at 907 S. Ogden drive, Los Angeles, California."

306 Telford avenue, Dayton, Ohio, reaches Virginia Flory Griffiths.

1921

Maurice Rann, Secretary
1509 Osborn Road, Lansing, Mich.

Announcement is made of the birth of Thomas Dickey Blair to T. S. (Tommy) and Louise D. Blair, of Grosse Ile, Michigan. His father is still writing advertising copy for the J. B. Ford company of Wyandotte, Michigan.

W. B. Williams reports "same job, surveying and engineering; same wife, Emily Castle, '17; new daughter, Janet Lucile, born December 15, 1928; same address, 939 Lakeside drive, Grand Rapids, Michigan."

Iva Robb Jadel is spending the summer motoring to California with her husband and is including Yellowstone National park and other points of interest on the way.

H. W. Norman has for his new address 3108 Clearview, Baltimore, Maryland.

1922

Mrs. Donald Durfee, Secretary
12758 Stoepe Ave., Detroit, Mich.

John S. Bailey has moved in Amherst, Massachusetts, to 29 Main street.

Irving Gillette has left the newspaper work and is now sales manager for the C. H. Stuart and company. He gives his address as 106 Charlotte street, Newark, New York.

Ralph P. Maloney writes from Madison, New Jersey: "I am still with the Davey Tree Expert company. I wish to announce to my friends, the birth of a son in my family on January 18 of this year. I would like to see more notes in The Record from some of the class of '22."

S. H. and Floy Wilson (w'23) Yarnell announce the birth of Richard Asa on May 11, 1929. Bussey Institution, Forest Hills, Boston, Massachusetts, continues to reach the Yarnells.

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LARRY ROSS, '21

The Edwards Laboratory

S. F. Edwards, '99 Lansing, Mich.
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SEED INOCULATION

The Mill Mutuals

Agency

INSURANCE

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A. D. Baker, '89 L. H. Baker, '93

1923

W. H. Taylor, Secretary
Okemos, Mich.

William R. Hinshaw has recently accepted a position as associate veterinarian for the University of California and will do research work in turkey diseases. Hinshaw may be reached in care of the division of veterinary science, University Farm, Davis, California.

Charles E. Johnson sends his new address in Detroit as 12012 Birwood avenue.

Oran W. Rowland writes from Tujunga, California: "Still 'chasing the cure' up here in the hills of Southern California. Ruth (Sullivan, '22) continues to feed me well and we hope to get back on the job before long."

1924

Clarissa Anderson, Secretary
534 Evergreen, East Lansing, Mich.

B. L. Hewett, Jr., is chief rater with the state insurance department, and lives in Lansing at 606 S. Walnut street.

1925

Frances Ayres, Secretary
East Lansing, Michigan

Wade L. Blackmar has moved in Monroe, Michigan, to 426 Washington avenue.

Kenneth L. Burt spent his first year after graduation with Dr. Patton in the experimental laboratory at the College. He then went to the Butterworth hospital in Grand Rapids as laboratory technician. Next fall he plans to enter Rush medical school of Chicago university.

A. H. Maxson writes from 801 E. 5th street, Flint, Michigan: "Fred W. Henshaw, '23, and myself are working hard on this new 'Magazine of Michigan.'"

Lamar M. Wood is stationed at the W. K. Kellogg farm near Augusta, Michigan, making studies in the woodlots, in an attempt at a master of forestry degree.

B. H. Belknap is a graduate student in rural education and an instructor in rural economics at Cornell university. He lives in Ithaca at 308 Farm street. His daughter, Ruth, is a student in the music department at Michigan State.

Justin Cash's blue slip contains the following: "Better say at the beginning this this is 'Jud' Cash. Lot of people never heard that first name of mine. I'm still with the Buffalo stock yards as general livestock agent and run on to several Michigan State men in my travels. My name is in the Buffalo telephone book and will appreciate calls from Michigan Staters. J. Ward Percy lives just around the corner from us. Johnny Walker is club agent at Batavia, and Donald H. Stark is associated with me at the yards. I hear that Hugh Robinson is here with the Oakland automobile people. Paul Smith is with the Firestone company working out of Buffalo."

Clifford Conrad requests that his

Record be sent to him at R. 3, Scottville, Michigan.

Leland K. Dewey is doing electrical substation design for Stevens and Wood, Inc., of Jackson, Michigan. He lives at 309 W. Washington avenue.

The postoffice gives Harold Lautner's address as Lincolnshire Country club, Crete, Illinois.

Ruby Shadduck Saxton reports the birth of Willard Dee on November 24, 1928. The Saxtons live on Route 3, Grand Ledge, Michigan.

Stuart and Miriam Bechtel Seeley have moved in Jackson, Michigan, to 774 Audubon boulevard.

E. B. Wedge is planning and zoning engineering for the city of Brunswick and Glynn county, Georgia. He is

also executive secretary of the city and county planning boards. He may be reached in care of the Court House, Brunswick, Georgia.

1926

Ray Riggs, Secretary
Union Memorial Bldg. East Lansing, Michigan

George Wenner has moved to 1212 Eureka street, Lansing.

1928

Karl Davies, Secretary
533 Cherry St., Lansing, Mich.

Helen Klute is assistant dietitian at the Ohio Valley General hospital, Wheeling, West Virginia.

B. F. Seizert gives his new address as 1035 Sherman street, Fort Wayne, Indiana.



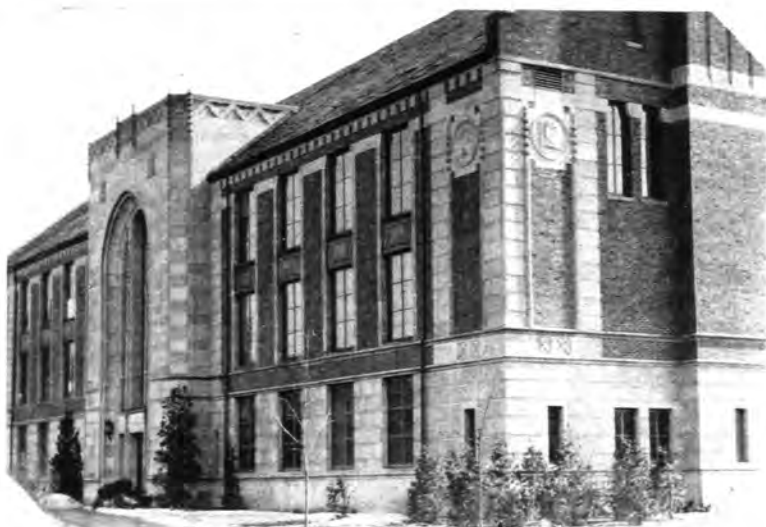
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That the State Board of M. S. C. have sincere confidence in the workmanship of the Fred C. Trier Construction company, of Saginaw, is evidenced by the number of building jobs we have handled in the past few years. They follow:

*R. E. Olds Hall of Engineering
Engineering Shops
Veterinary Building
Kedzie Chemical Laboratory
Industrial Chemical Laboratory
New Dairy Barns
Horse Barns
Poultry Plant
Beaumont Memorial Tower*



Right—The Veterinary building on the M. S. C. campus erected by us is a modern research laboratory in every respect. Here the prospective veterinarian during his four-year college course is enabled to elect a certain amount of cultural study, thus making it one of the popular schools of its kind in America.



Right—The Engineering division may well be proud of the R. E. Olds Hall of Engineering, with its modern shops and equipment. The Fred C. Trier Construction company was called upon to build the present building following the burning of the first engineering building on March 5, 1916.

CONGRATULATIONS! TO MICHIGAN STATE COLLEGE and HER ALUMNI FAMILY

We are glad of this opportunity to offer our heartiest congratulations and best wishes to Michigan State College and her alumni family. The erection and dedication of the new Memorial Tower is a monument to the cultural beauty of your campus. We greatly appreciate being selected as the general contractors for this beautiful new edifice.



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will deliver far greater speed than the average motorist requires—easy, effortless speed that may be sustained hour after hour. Response to the throttle is remarkable, both in getaway from a standing start and in acceleration at the higher speeds. And there is mighty power for steep hills, long grades, and hard pulling. Among the outstanding advantages of the new Viking V-type, eight-cylinder engine are its simplicity, rigidity, accessibility, and compactness. The valve mechanism is entirely new in design and is more accessible than in the conventional automobile engine.

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