



MICHIGAN STATE COLLEGE RECORD

MAY.

1932

Arrest At Varennes



Dark days in France were those after July 1789 when the Bastille, symbol of political suppression, was stormed by Parisian mobs, led by portly, enraged shop women. For sickly King Louis XVI there followed ominous months, filled with jeers and insults from petite bourgeoisie. Royal edicts no longer impressed the rabid Assembly, intoxicated with Montesquieu's doctrines of the equality of man. By June 1791 the Capet blood was rapidly becoming less blue and more watery as the sixteenth Louis shivered in the Tuileries.

As *TIME*, had it been published June 25, 1791, would have reported subsequent events:

... Cast aside were wigs and brocade by timid King Louis and his family as they fled last week from Paris disguised as servants. Successfully plans and preparations of Count Axel ("Friend of the Queen") Fersen were carried out as Baroness Korff (an unidentified servant) and her attendants (King Louis as valet, Queen Marie Antoinette as governess) passed the revolutionary guards with faked passports. Then delays and Royal indiscretion made of careful plans a tragedy of errors.

At Somme-Vesle impatient young Duc de Choiseul waited four hours for the royal shipment, dismissed

his hussars at sunset, sent word along the route: "'Treasure' delayed."

His body guard from Somme-Vesle to the frontier missing, King Louis himself anxiously looked for it in Sainte-Menehould through the carriage window, was recognized by the village postmaster's son, Drouet, ardent Revolutionist. Instantly Drouet set off to prevent the escape . . .

Gasping for breath after a wild ride over back roads through the blackness of Argonne Forest, ex-dragoon Drouet aroused rustic night owls at *Le Bras d'Or* at Varennes crying, "To arms!" A half hour later brakes complained on the hill above town and a heavy coach came to a stop before an overturned cart barricading the road. Torchlight gleamed on half a hundred bayonets as Drouet, and Varennes Procurator Sauce, took the protesting royal family prisoners.

News of the flight spread like wildfire, armed peasants poured in from the countryside. Choiseul's hussars blundered into Varennes too late, urged Louis to force his way out. Louis vacillated. Many royal soldiers were shot as they tried unsuccessfully to clear the town.

With dawn, thundering hoofs from Paris pounded out the knell of Monarchy. Sorrowful M. Romeuf, aide-de-camp to La Fayette, strode into Sauce's house hating his errand, respectfully presented the National Assembly's order of arrest. Royalty glanced through the document, smiled bitterly. Said Louis Capet: "There is no longer a King of France!"

Cultivated Americans, impatient with cheap sensationalism and windy bias, turn increasingly to publications edited in the historical spirit. These publications, fair-dealing, vigorously impartial, devote themselves to the public weal in the sense that they report what they see, serve no masters, fear no groups.

TIME

The Weekly Newsmagazine

YEARLY SUBSCRIPTION \$5.. 135 EAST 42nd STREET, NEW YORK CITY.. 15 CENTS AT ALL NEWSSTANDS

Anniversary Program at a Glance

ALUMNI DAY, SATURDAY, JUNE 11

8:00-12:00 a. m. Registration

Lobby, Union Building

Sign the "big book", register your presence, meet your friends at alumni headquarters, get a program. No fee. Free checking all day, free telephone service, information. Reunion classes register for CLASS LUNCHEONS.

8:00-10:00 a. m. Tee-Off, Alumni Golf Tournament

Walnut Hills Club

Fifth annual blind bogey affair. L. L. Frimodig, '17, chairman. Entry fee for players \$1.25 paid at No. 1 tee under "Frim's" big umbrella. Lunch at club house if you wish at 50c. Alumni golf trophy cup awards and numerous prizes.

10:00 a. m. Alumnae Entertainment

Mary Mayo Hall

All Michigan State women and friends are invited to the parlors of Mary Mayo Hall, new dormitory for girls. Guides will be furnished to visitors for inspection of hall. Dr. Lydia Lightring, head of physical education for women, will have groups of students at play on old drill field.

11:00 a. m. Class of 1882

Fiftieth anniversary reunion meeting at Beaumont Memorial Tower.

11:30 a. m. Annual Meeting M. S. C. Association

Union Lawn

Reports of officers and announcement of ballot election of new officers.

12:15 p. m. Patriarchs Dinner

Main Dining Room Union

The annual Patriarchs Dinner given in honor of the class of 1882 and grads of all previous classes, Dr. Frank Kedzie, '77, chairman.

12:30 p. m. Reunion Class Luncheons

Union Building

Inquire at registration desk, Union lobby, for designation of your class luncheon. Tickets available there.

2:30 p. m. Beal Memorial Tablet Unveiled

Entrance Pinetum

Foresters and former botany students of Dr. Beal in charge, C. W. McKibbin, '11, chairman.

3:00 p. m. Seventy-fifth Anniversary Program

Gymnasium

For all reuning alumni, faculty and friends, excellent program, big event of day.

6:00 p. m. Annual Sunset Supper

Union Building

You cannot afford to miss this most colorful alumni function. President, Faculty, State Board, reunion classes. Music! Yells! Snappy program!

9:00 p. m. Historical Water Carnival

Red Cedar at Farm Lane

Colorful floats on canoes depicting progress of College over 75 years. In charge of senior class. Repeated same as Friday night.

9:00 p. m. College Reception and Alumni Dance

Union Building

President and Mrs. Shaw, members of State Board of Agriculture, and deans will receive alumni. Dance in the ballroom, ending in wee small hours of the morning. A real climax to a big day!

Sunday, June 12

3:00 p. m. Baccalaureate Service

Demonstration Hall

Sermon by the Rev. Frederick Fisher, of Ann Arbor.

8:00 p. m. Musical Concert

Demonstration Hall

Monday, June 13

8:30 a. m. Military Parade

Drill Grounds

Impressive full dress military parade and awarding of commissions in Officers Reserve Corps.

10:30 a. m. Commencement Exercises

Demonstration Hall

Commencement address by President Glenn Frank of the University of Wisconsin; conferring of degrees by President Robert Sidey Shaw.

Who's Who Among the Alumni

Newell Avery McCune, '01, Ag., adds his share to a local adage that Michigan State has never failed of representatives in the Christian ministry from the earliest classes on. The Alma Mater has uniquely benefitted, however, from Mr. McCune's services, since, for fifteen years he has been in charge of East Lansing's one and only church. During this time the Peoples church—one of the largest community churches in the country—has had to re-house itself three times, having now one of the largest church buildings in the county. Even so, there is strict correspondence between the size of the church and that of the regular Sunday attendance. It is no small thing to be the head of the only church in a city of 4,000 or more to which is added a good sized college. That "Mac" has done the thing well is amply attested by his thriving church, his long stay in East Lansing, and by some flattering opportunities to go elsewhere.

He received his bachelor's degree at Boston university in 1907 and his master's in 1909. Two or more years at different times were spent in study and travel in Europe and the degree of D. D. from Albion college came to him in 1925. Previous pastorates were in Three Rivers and Benton Harbor, Michigan. Many natural gifts and much hard work have made East Lansing's minister a beloved pastor and a successful preacher, justifying in the fullest measure the profession of which he is a member. (to the right).



Mary Ross Reynolds, '03, H. E., was born near Milford, Michigan, on the farm which her grandfather settled a hundred years ago and which her brother Henry T. Ross, '04, still owns and operates. She married Chauncey (Pat) Reynolds, '02 in 1902 and lived in Chicago until his death in 1910. From 1912 to 1918 she edited the household departments of the five Orange Judd farm weeklies located at Springfield, Massachusetts. In 1918 she entered the press service of the department of agriculture at Washington, D. C. She wrote publicity for magazines and newspapers until 1921 when she returned to Springfield to become associate editor of *The Farm Home* and *The New England Homestead*. In 1928 Mrs. Reynolds accepted the position of woman editor on *The National Farm Journal*, Philadelphia, Pennsylvania, which position she still occupies. She has one daughter, Rosemary. She is a charter member of the Women's National Press club, National Business & Professional Women's club, and Women in Business Section of National Home Economics association. Last year the Philadelphia M. S. C. Alumni club honored her by unanimously electing her their first secretary. (to the left).

Dwight Sanderson, '97, Ag., has been professor of rural social organization in the New York State College of Agriculture at Cornell university since 1918. After a year in graduate work in entomology at Cornell university he became assistant state entomologist of Maryland. As assistant professor at Delaware college for three years, state entomologist of Texas for two years, and professor of entomology and zoology at New Hampshire college for six years, he became a leader in economic entomology. He is author of four books in economic entomology, one of which is a standard text now in its third edition. In 1907 he was made director of the New Hampshire agricultural experiment station and in 1910 became dean of the College of Agriculture, West Virginia university and director of the agricultural experiment station. Because he was interested in agricultural extension work he went to the University of Chicago for graduate study in sociology, and received his Ph. D. from that institution in 1921. Under his leadership the department of rural social organization at Cornell has attracted many graduate students. In addition to numerous bulletins and reports, his books "*The Farmer and His Community*" (1922) and "*The Rural Community*" (1932) are his most important contributions in this field. He was the first secretary of the American Country Life association. He was married in 1899 to Cecilia Blandford of Brandywine, Maryland, and has one daughter, Alice Cecilia. (to the right).



Ceteris Paribus

Why Shouldn't I Do Something for My Alma Mater Annually?

"PEANUTS! Peanuts! You can't enjoy the game without some peanuts," cries the vendor at the baseball game. You realize of a sudden that you did always crunch some peanuts back there at the games along the Red Cedar, so you toss him your dime. Score one for the vendor and his efficient sales talk, though his peanuts were over-roasted and you had a good lunch before you came.

"Madam, I'm trying to work my way through college by securing subscriptions for magazines; can't I interest you?" says a bright, good-looking young man at your door some morning and even though you struggle to close the door on him you find yourself paying a dollar down and wondering why you never before realized how vacant your home was without "Tompkin's Monthly." You bought, although you later had doubts whether the boy had ever considered college and you had a whole stack of magazines on the library table that were never read. And you knew the sales talk did it. Sales talk does a lot more than sell peanuts and magazines—a lot more than most of us are conscious of. That's why it bears investigation.

ANNUAL GIVING SUCCEEDS

FOR more than two years hundreds of M. S. C. alumni have been sold on the idea of giving annually to Alma Mater—but don't think for a minute that the "sales talk" was limited to a nine-word announcement or a five-minute interview. Dozens and scores of letters were mailed from the alumni office and by various class secretaries, every one carrying some "sales talk" about the Annual Alumni fund and the idea of giving something to the College annually. Many arguments stood out why the annual giving plan is best, and any one could have stood out alone. But there the letters were, vendors for the Fund and the College.

When Hon. A. C. MacKinnon, '95, former president of the alumni association, made the original study on alumni funds he predicted that the old method of annual dues should be superseded by this new plan. He was right in his prophecy. More people gave amounts above the former \$2.50 dues during the past year than any previous period in the history of alumni work.

The logic back of the Annual Alumni Fund dealt largely with moral and financial needs and was listed as follows:

By giving moral support—

Spreads sentiment in favor of M. S. C.

Gives Michigan State publicity.

Makes old grads enthusiastic.

Sends better students to M. S. C.

Helps to locate lost alumni.

Influences others to give their support—

Morally

Through bequests in wills

With actual contributions

With financial support—

Supports functioning alumni office

An expanded and more effective

RECORD

Provides special Funds

Assists needy students

Establishes scholarships.

funds to apply in places where state appropriations are difficult to obtain; or that one ought to repay the state, in part, for the training one receives at M. S. C.? Some said one owes nothing to M. S. C. but here is a chance to show some gratitude, while others said one owes M. S. C. everything—so "come through."

Again and again it has been said that M. S. C. cannot live on its past—what will you do for its future? And the answer the past year has been "contribute to the Annual Alumni Fund."

SEND GIFTS EARLY

AS THE first appeal comes to you with the invitation to contribute early, using the enclosed card and envelope, thereby decreasing the expense of solicitation, just remember that the total of a great many small contributions annually is like the interest on a huge endowment, and the College profits accordingly.

Your Alma Mater, your administrative leaders, your alumni association officers, your class chairman will be given courage when you

make your gift annually and eventually reach a point when all that is needed to anticipate a perfect response is a simple announcement each spring which reads: "The M. S. C. Association Annual Alumni Fund, at home May 15 to November 15. Thank you."

Ceteris Paribus. Other things being equal, why shouldn't I do something for MY Alma Mater annually?

Clarence Van Lopik, Grand Haven, newly elected editor of the Michigan State News, formerly the Holcad, was appointed a member of the nominating committee at the recent convention of Pi Delta Epsilon, honorary journalistic society, held in Washington, D. C. At the same convention James B. Hasselman, director of publications, was elected grand vice-president of the organization.

Collaborating for the first time on the sponsoring of a banquet for the purpose of interesting the Campus in student publications, the staff of the Wolverine, the Michigan Agriculturist, the Michigan State News, and members of Pi Delta Epsilon presented an all-college journalism banquet held April 15 in the Union building. The main speaker for the affair was John C. Manning, managing editor of the Detroit Times.

The M. S. C. Association Annual Alumni Fund At Home

May 15 to
November 15

Thank You

STUDENT NEEDS ACUTE

WHEN it was discovered that hunger faced some students—living on crackers and milk; that some boys worked six hours a night at janitor work; that menial campus jobs could only partially supply the assistance needed; that even seniors had to withdraw from College in mid-winter because of a few needed dollars—there was tangible evidence of real alumni need for more alumni support.

Pride was the victim of a number of well-aimed arguments as the class secretaries urged you to help make the total alumni response register near the 100 mark, to make the average contribution of respectable size, to uphold the tradition of a democratic college, and above all to have your name among those listed in the annual roll call.

Some well-meaning alumni, however, regarded such reasons for contributing to the fund as too "intangible" and demanded something more concrete. And their objection paved the way for that unanswerable argument of "It's a sound business proposition."

How many times did you hear that the amount of your contribution could be elastic to suit your purse—no contribution too small and none too large?

You probably became tired of hearing that M. S. C. needs unrestricted



CAMPUS visitors who return for Alumni Day, June 11, will have an opportunity to visit the industrial chemical laboratory. Above inset is Professor Harry Reed, '06, head of the department. (1) pilot plant laboratory, (2) metallographic laboratory, (3) exterior view of new plant located at the rear of the College power house.

The Chemical Engineer Gains Professional Prestige

By HARRY S. REED

Professor of Chemical Engineering
Michigan State College



THE advance from primitive life to our complex social structure of today has been largely due to the efforts of the engineer in utilizing energy and materials of nature. Engineering as a profession was first concerned with the construction and operation of war machines. Much later the demand for peace time structures caused the organization of the institution of civil engineers, the word civil pertaining to citizens, that is citizen engineer.

The program they set up for themselves would satisfy the desires of the most ambitious freshman in college, which was, according to their charter granted in London in 1828, to study the "art of directing the great sources of power in nature for the use and convenience of man as the means of production, and traffic in states, both for external and internal trade as ap-

plied to the construction of roads, bridges, aqueducts, canals, river navigation, and docks for internal intercourse and exchange; and in the construction of ports, harbors, moles, breakwaters, and light houses, and in the art of navigation by artificial power for the purpose of commerce; and in the construction and adaptation of machinery; and the draining of cities and towns."

The civil engineer could not function efficiently on such an extensive program and specialization became necessary. So the mechanical engineer was evolved to take over the construction, adaptation, and operation of machinery; the naval engineer to provide the means for practicing the art of navigation by artificial power; the sanitary engineer to drain the rivers and towns and take care of the sanitation of communities.

ADVANCED SCIENCE REQUIRES SPECIALIZATION

AS science and industry advanced, further specialization became necessary. The science of electricity created the demand for the electrical engineer, and the science of chemistry provided the opportunity for the chemical engineer.

The industrial application of chemistry may be said to have begun with the discovery by Nicola Le Blanc of his process for the manufacture of soda ash from common salt. This famous process is still somewhat in use but the returns to Nicola Le Blanc consisted largely of a medal granted to him by the French Academy in 1791, and he finally died in the poor house. Since LeBlanc's time chemical industry has progressed steadily but slowly until about thirty-five years ago when people began to realize that the science of chemistry underlies practically all industrial operations. Since then the applications of chemistry to industry have

(Continued on page 8)

College Founded Seventy-five Years Ago by Legislative Decree



BILL, passed by the Michigan legislature of 1855, definitely established a state agricultural college, and in June, 1855, a legislative committee bought 676½ acres in the townships of Meridian and Lansing for its location. This was the birth of Michigan State college.

After the erection of College hall in 1857 and the appointment of a faculty consisting of six members and the admittance of 73 students, the dedication exercises took place May 13 of that same year. Thus was the institution created whose 75th anniversary is to be celebrated this year—1932. It would be curious to note what the founders would think of the College today, but, since that is impossible, we can only recreate a little of what it was at that time. The circular which announced the beginning of the College throws a little light upon that long-gone time.

MANUAL LABOR REQUIRED OF FIRST STUDENTS

APPPLICANTS, according to the circular, must have attained the age of fourteen years, and must have acquired a good primary school education. It goes on to tell that a portion of each day must be devoted to manual labor, that the course of study included agriculture, English literature, mathematics, and natural science; and that the two terms of the school year ran from April through October, and December through February. Then the first catalog goes on to say: "the terms prescribed to the first class of students received were that they should pass a good examination in the branches embraced in a common school education, viz: arithmetic, geography, grammar, reading, spelling, and penmanship Ample instruction will be given in the natural sciences The course of mathematics will be comprehensive Instruction in ancient and modern language is not included as an object of the institution The

farm being almost entirely in a state of nature, a very large amount of the labor of students must at first be bestowed where it will yield little immediate profit."

Quotations from an address by C. J. Monroe, who was present at the dedication and remained a student here until 1860, reveal some of the student life of that early time: "The College . . . consisted of a tract of mainly timber land without an acre fully cleared. A few acres had been slashed down and the logs and brush cleared. On every hand were old stumps and partially burned trees. The fire had scorched the timber next to the clearing, so that . . . you beheld dead and blackened trees which presented a most desolate scene.

"College hall, a dormitory (known as Saints' Rest), and a small brick barn constituted the buildings . . . The roads to the buildings were lined with stumps which had been dug or pulled out and in some cases partially burned.

"The travel to the College was mainly from middle Lansing, via Michigan avenue. This street was usually a mud hole from the hotels to the College, particularly in the spring and fall, and was lined with timber.

MIASMA AND AGUE OVERCOME STUDENTS

THE speech goes on to tell of the work done by the students, which consisted of pulling stumps, driving horses and oxen, shoveling, plowing, and other kindred occupations. In one year, 1858, a disease disagreeably varied the routine of classes. "The plowing and stirring (he writes) of a hundred acres or more of new land with all its

decaying vegetation turned loose an immense amount of miasma. The remark often made, that it was thick enough to cut with a case knife had much truth in it. In the latter part of August and forepart of September there were 70 out of 100 students unable to attend classes The main consolation the sufferer got was the frequent assurance that it was only the ague and nobody ever died from it."

In this same year fifteen rules of conduct for students were printed. Here are five: "They are required promptly to attend all chapel exercises, recitations, lectures, and field operations, and to discharge every duty imposed upon them.

"The use of tobacco and other narcotics, being disapproved of under all circumstances, is forbidden in any of the College buildings.

"Card playing, and other games of chance, are wholly prohibited.

"No student will be permitted to interrupt or interfere with the labor of fellow students and other persons employed on the premises, or to visit them while at their labor.

"On Sabbath, students shall attend the public religious services, held at the College, and during hours not necessarily otherwise occupied, shall remain quietly in their rooms, and engage in nothing inconsistent with the proper observance of the day."

CIVIL WAR HINDERED PROGRESS

SALARIES of the faculty were \$1,500 for the president and \$1,000 for the professors. The first president, Joseph R. Williams, held office until March,

1859, and the second, acting president, Louis R. Fisk, until 1862. Due to financial difficulties, the Civil War, the unhealthy location, and non-support, the College made little progress during those years. Some new building were erected, the number of students attending was a little increased, and so on, but it was not until the twenty-two years of President T. C. Abbot's administration that the College made its greatest early forward steps. His program, as condensed from his statement of purposes, was:



It was just seventy-five years ago that the College had its meager beginning in old College Hall. Returning alumni will visit the beautiful Beaumont Memorial tower June 11, erected on this site.

1. To impart a knowledge of science and its application to the arts of life.
2. To afford to its students the privilege of daily manual labor.
3. To prosecute experiments for the promotion of agriculture.
4. The organic law of the College contemplates courses of instruction in the military art, and in the applications of science to the various arts of life.
5. To afford the means of a general education to the farming class.

Student life, however, went on much the same as in the earlier days of the college. The late A. G. Gulley, '68, in memoirs, says, "The most convenient way to get to Lansing was to walk, hence the students did not visit the city very often Our social duties were neither extensive nor expensive, consisting of an occasional reception by some of the faculty or possibly once a year a visit to the female seminary in North Lansing It was the duty of one student to walk to Lansing each afternoon and carry all mail going to and from the College. For nearly half my course this position was filled by a one-armed veteran of the Civil War. Athletics as such did not exist We had both class and college debating societies that flourished more or less The labor system was a very important part of the institution. We worked regularly three hours each week day."

The schedule of studies included chemistry, algebra, or arithmetic, and English, and the daily program ran from 5:30 a. m., when the rising bell rang, to the ending of a work period at 4:30 p. m. Students lived in the dormitory with the faculty members, as it furnished the only facility for living at all. As for the board, it was provided for by the steward of the College, and the average price at this time was two dollars a week. This board was a matter of grave discussion among the students and even among state newspapers, which took up and argued the questions of whether or not tea and coffee should be served, as well as the food values of cornbread, potatoes and pork.

COLLEGE BELL RECEIVED ILL FAVORS

OF course, a study of early student customs would not be complete without a mention of the bell, which was perched at the top of a fifteen-foot pole between College hall and Saints' Rest. This bell was the habitual recipient of many ill favors by the students, since it called them from bed and was consequently unpopular. One winter night it was turned upside down, filled with water, and frozen solid. Other tricks were played upon it and upon other functionaries of the College.

The brief trip back is ended, and we are once more in the present. Seventy-five years is a long time, but it hardly seems long enough to account for the stupendous changes which have taken place here in that time. We can reflect gratefully, however, that it has been—just long enough.

Another Birthday

THE Lansing newspapers last week chronicled the life work of our own "Uncle Frank" after passing his 75th milestone. Born at Vermontville, Michigan, May 12, 1857, one day before the opening of the College, the son of Dr. R. C. Kedzie, first professor of chemistry, his life has always centered around activities of this institution.

The memory of present members of the faculty does not extend into the



DR. F. S. KEDZIE

past far enough to remember a time when the personality of "Uncle Frank" was not one of the tangible assets of M. S. C. Some of us have had the door of the chemistry lecture closed in our faces and can still hear echoes of the chuckle with which the professor of chemistry performed this little rite. "Come back tomorrow," were weighty words around this school for many years, and the unfortunate auditor of this phrase did not anticipate the next day with the care-free abandon of the damsel who was to be queen of the May.

"Uncle Frank" has won his degree of endearment and there is probably not a single alumnus who would hesitate to lift his right hand and state "There is a man."

THE MICHIGAN STATE COLLEGE RECORD

Established 1896

Published monthly by the M. S. C. Association for the alumni and former students.

Member American Alumni Council.

Membership in the M. S. C. Association, including subscription to the RECORD, \$2.50 per year.

Unless members request a discontinuance before expiration of their memberships, it will be assumed a renewal is desired.

Checks, drafts, and money orders should be made payable to the M. S. C. Association.

Entered as second class matter at the post-office at East Lansing, Michigan.

Glen O. Stewart, '17 - - Managing Editor

Vol. XXXVII. No. 9

May, 1932

THE CHEMICAL ENGINEER

(Continued from page 6)

been rapid and extensive thus creating the demand for the chemical engineer. Chemical engineering is the baby of the engineering profession as a whole. He is a rather precocious child and we have great hopes for him. According to a survey by the bureau of education at Washington the increase in attendance at engineering schools from 1925-1930 was: mechanical 45%, civil 13%, electrical 10%, chemical 98%. The increase in attendance of courses in chemical engineering has probably been due in some extent to the newness of the profession. Nevertheless, wherever a chemical change takes place in a manufacturing process there is a place for a chemical engineer.

Many operations formerly thought to be mechanical have been found to be really intricate chemical processes. Most people now realize that the production of steel, glass, rubber, soap, gasoline, lubricating oils, cement, many food products, etc., are based on chemical reactions; but few yet know that when the blacksmith tempers a chisel or when the workman mixes cement that they are performing delicate chemical processes.

CHEMICAL ENGINEER NEED BROAD TRAINING

THE fundamental training of the chemical engineer consists of chemistry, physics, and mathematics. He is not, however, a laboratory chemist. He is related to the chemist in somewhat the same manner that the electrical engineer is related to the physicist. He must know chemistry but also he must be familiar with such operations as crushing, grinding, separations, filtration, drying, distillation, absorption, and extraction on a manufacturing scale must understand heat and fluid flow and be familiar with the principles of plant design. Reactions that take place readily and smoothly in laboratory glassware often act quite differently in large scale operations and the main function of the chemical engineer is to transfer laboratory processes to large manufacturing operations. He must also consider the economic side of his job. The theory of a process may apparently be sound and the design of equipment to carry out the process mathematically correct, if, however, the process will not operate profitably over a long period of time the engineering work on this process has been an absolute failure.

The engineer must know with exactness the raw material, labor, and depreciation costs involved in the operation of his process, and above all he must not forget the size of the coal pile necessary. Industries cannot exist without profits and the engineer derives his income from the industries. To make his services profitable to industry he must be versed in fields not purely technical. He must know something of markets and trade

1917 CLASS REUNION JUNE 11

—According to Mary La Salle, secretary, the class of '17 will be heard from at its fifteenth reunion as it was at the tenth in 1927.



relations. He must show judgment in the location of his plant. He must know freight schedules, city ordinances, insurance regulations, and he is often "up against" the Federal Trade commission, Interstate Commerce commission, Tariff board, etc. He must know something of law and be able to protect his ideas by patents. He must understand balance sheets, audits, and inventories. He is often damned if he does and damned if he doesn't. The life of the chemical engineer is no bed of roses. To steer his way through life requires sound scientific knowledge coupled with wisdom and good judgment, but it is intensely interesting if he likes it.

LOCAL DEPARTMENT NOW STABILIZED

AT Michigan State college, as at practically all other colleges and universities, courses in chemical engineering were first given in the chemical department and such courses were first offered here in 1918, being an outgrowth of industrial chemistry. However, as time went on, it was felt by many, especially the committee of the American Institute of Chemical Engineers on chemical engineering education, that the needs of the chemical engineering student could best be met through a separate department of chemical engineering administered in the division of engineering. It will be interesting to the alumni to know that such a change was made at Michigan State on July 1, 1931. We have well equipped laboratories excelled by but few institutions in the country.

All of our engineering students are required to take the same course during the freshman year at the end of which specialization begins and they elect one of the branches of engineering offered, viz.: mechanical, civil, electrical, agricultural, or chemical. At the present time in spite of the depression we are doing our best to instill into the minds of approximately one hundred capable young men the mysteries of the chemical engineering profession.

Monsterous Campus Cottonwood Falls

TOO big to fell by ordinary means, the campus improvement crew had to resort to Pacific coast logging methods to remove a monstrous cottonwood from in front of old Abbot hall. Only by cutting away at the corners could sufficient sweep be had with a six foot saw to sever the giant. Perfect placement also was essential to avoid smashing down the trees that were to take its place or hitting the building. The musicians were sure they would be out scouring the Campus for new headquarters in a little while. But not so, the ninety-eight foot tree, measuring five and a half feet across the stump was dropped without damaging one brick or one twig other than its own.

Few people realized that a tree growing on the M. S. C. campus could have attained this size during the life of the institution (seventy odd years is not long in the life of a tree). If not they might visit the scene and possibly be so kind as to offer some advice to the Building and Grounds department as to how to dispose of the stump.

Trees of this sort are not dismissed with a flick of the hand. As proof thereof, it took three men one entire day to fell it and another week more to buck, split, and render it into cordwood—and that with the aid of a power saw. Finally about twenty-six ricks of wood littered the ground.

LOGGERS RECALL PAUL BUNYAN DAYS

BUT wait, the trunk of the tree itself had not been touched, only the upper limbs. A mere stick—five and a half feet one end, almost four feet on the other end and twenty-one feet long, sound and solid, is not to be tackled with puny tools, nor does eleven and a half tons usually blow away in the breeze. It might be well to mention here that despite this avoirdupois, the men working on the

job claimed they turned this log over without the aid of power or any sort. Most surely they could have landed a job at Paul Bunyan's camp when he was logging off the whispering pines in this neighborhood.

Anyway a huge "cat" spent many a strenuous moment tearing up the turf trying to get it out in the middle of the drill field where further operations might be conducted on its prostrate form. Lumberjack tools, though seldom looked upon as delicate, were still inadequate to cope with the situation of rapidly reducing this log to cordwood. Fifteen sticks of dynamite administered by the blasting class were necessary to produce the punch to lay it open and reduce its dimensions.

The entire log, by foresters' tally, contained 1975 board feet or 445 cubic feet, sufficient lumber to construct a small house, pulp for reams of newspapers or fuel enough to keep a family warm for two winters. The sixty-nine year old tree, of which this log represented the lower trunk, cut up into a total of forty-one cords of wood, worth eighty-two dollars, simply as fuel, the lowest form of utilization. In other words, it returned approximately a dollar and twenty cents per year for each year of its life as a by-product—the main product, incidentally, being its attractiveness.

The Campus trees likewise are each worth infinitely more for their aesthetic value and should not be damaged or removed without good reason.

With the announcement that the Rev. Frederick Fisher, pastor of the first Methodist church at Ann Arbor, will deliver the annual baccalaureate sermon here Sunday, June 12, the entire program for the 74th annual commencement was officially released by Clark Chamberlain, Lansing, president of the senior class. Dr. Glenn Frank, president of the University of Wisconsin and former editor of the Century Magazine, was announced as the commencement speaker.



More than 1,500 students from vocational agricultural high schools of Michigan were on the Campus from Wednesday, May 4, through Friday, May 7. The program planned by the agricultural division included oratorical contests, judging contests, exhibits, banquets, a military parade, and other entertainment, was held on Thursday and Friday. This convention was a joint meeting of the Junior Farmers and the Future Farmers of America, and was the fourth time that these organizations had convened for Junior Farmers' week here. E. E. Gallup, '96, was general chairman of the meeting and addressed the group Friday evening.

Heavier penalties for violation of the regular order of matriculation and the complete annulment of some of the privileges that have been granted students in the past were new provisions in the new college catalog, which was recently put into circulation. These penalties include mostly the raising of late registration fees, more strict payment of forfeiture fees, and certain rules concerning degrees, credits, and grades.

College officials recently announced that they were highly pleased with the cooperation of the students who wrote the sophomore achievement tests, given to liberal arts and applied science second-year men and women. Covering a large field of general knowledge, these tests were given to measure the progress of college sophomores all over the nation.

Each decade from the date of the founding of Michigan State college will be depicted in the water carnival floats which were allotted to the various campus groups on May 4. Some of the subjects to be worked out are: The first graduating class, 1861; first fraternity, 1876; victory over Michigan, 1913; College changes name; Michigan State gains "A" rating; and bury Michigan, 1932. Plans for the carnival are again under the jurisdiction of the senior class, and this feature is to be a part of the 75th Anniversary celebration.

The combined Women's and Men's glee club, numbering eighty-five members, presented its third annual spring concert at the Peoples church, Thursday, May 17, under the direction of Fred Killeen and Zinovy Kogan.

"CLOSE BESIDE THE

"Popular Songs" will be the theme of the Co-ed Prom, which is to be held Friday, May 20, at the Old Armory. Each co-ed attending the affair is asked to dress representing a song, and novel decorations in keeping with this musical idea will be featured. This is the same old "manless party" that many generations of co-eds have attended.

Seven Arts club, a new cultural organization which was formed during the past year, has been presenting unusual foreign motion pictures on the Campus for the past two terms, bringing here such films as "The Passion of Jeanne D'Arc," Moliere's "Tartuffe"; and "The Cabinet of Doctor Caligari," their latest presentation, called the finest motion picture ever made.

Final registration figures released lately from the office of the registrar list the total number of students in attendance for the spring term at 2,913. This sets an all-time record for spring registration, exceeding the previous record of 2,786 students, set last year. As usual the liberal arts department claims the largest count of registrants with a total of 616, and engineering and home economics follow with 508 and 405 respectively. The class figures show 819 freshmen, 674 sophomores, 679 juniors, 477 seniors, and 38 special students. By sex, the count reveals 1,888 men and 1,025 women.

Fritz Kunz, traveler and speaker, closed the student lecture series with a talk, "Perils of a College Education" given at the Peoples church, Tuesday, March 3. Due to the large attendance at previous lectures, the liberal arts board was able to present this speech free of charge.

Work on the annual spring production of the Theta Alpha Phi, dramatic society, known in campus legend as the senior play, has begun under the direction of Professor E. S. King of the dramatics department. The modern four-act comedy, "Little Old New York," by Rita Johnson Young, has been chosen for presentation this year, on Tuesday, June 7.

Prediction of Coach Jimmy Crowley that the 1932 football rule changes would not be noticed to any extent by the spectators was borne out in a regulation practice game staged in spring training. Several hundred persons who witnessed the exhibition were questioned as to how the changes had affected the game and the great majority of the answers upheld Crowley's forecast.

Graduation is in the air with announcements that caps and gowns must be ordered placed hither and thither about in campus publications.

The Wolverine is expected out soon. Last bits of work are being cleared up and the proofs being hurried off to the printers. Orders were placed for more than twelve hundred copies.

With nominations for the annual spring all-college election to be held in a short time, undercurrents of campus political interest have already become apparent and another week should see the inevitable student campaigning in full swing. The offices of president, vice-president, secretary, and treasurer of all classes will be filled at the coming pollings, as well as that of varsity cheer-leader and athletic council representative. The new Student Council constitution will also be voted on.

Dr. Lee Vincent, well-known psychologist, was the main speaker at the Spartan Woman's League installation banquet held May 6. New officers installed at the banquet were: Dorothy Cummins, Coldwater, president; Charmion Griswold, East Lansing, vice-president; Virginia Allen, Lansing, secretary.

Meeting with Glen O. Stewart, alumni secretary, and Clark Chamberlain, senior class president, eight prominent senior men and women placed unofficial class approval on the recently inaugurated membership campaign sponsored by the M. S. C. Alumni association. Advantages of the membership offered this year's graduating class were shown the group, and the students were enthusiastic over the special rate offered by the Association.



WINDING CEDAR"

Michigan State college became the mid-western capital of the hotel industry with the opening session of the annual three-day hotel administration short course offered here in cooperation with the Michigan Hotel association, April 14 to 17. Only one other educational institution in the country holds an event for hotel men, and consequently the local course drew to it leading figures in the field from throughout the nation.

Improvements of the Campus will be greatly curtailed for some time due to the cut of college appropriations by the state legislature. Secretary H. H. Halladay stated recently. During the winter term, however, the beauty of the Campus was materially added to by the planting of 250 elm, pine, spruce, and hemlock trees.

Featuring strict lack of formality in dress, actions, and speech, the annual Forestry Shindig was recently held in the Old Armory. White shirts, ties, anything that resembled the usual party attire was banned, while the programs themselves were written in lumberjack terminology on bird's eye maple veneer.

Military parades have been the feature of every Tuesday afternoon and will continue to be so for several weeks. Exhibitions for the corps sponsors, for the president and the deans, for the Junior farmers, and for the governor and other prominent officials have already been given or will be.

On Monday morning, May second, at 7:30, trumpeters high in the Beaumont Memorial tower announced the beginning of the annual May morning sing in which the men's and women's glee clubs joined. The singers continued until the beginning of eight o'clock classes. This was the fifth celebration of the annual event.

Plans for the seventy-fifth annual commencement booklet indicate that it will be a highly desirable keepsake for members of the graduating class. Containing a complete list of senior class activities, officers, committees, and members, it will be a compact remembrance of school life.

Action was taken at the last Interfraternity Council meeting to protect students from the fly-by-night salesmen who often descend upon fraternity houses. Through cooperation with W. N. Sweeney, purchasing agent of the College, the council is having a number of recognition cards printed, and it plans to arrange to have these given to salesmen presenting satisfactory credentials. This move was taken in an effort to stop the increasing number of swindles worked upon college students by agents who are in the city for only a day or two and leave before the value, if any, of their merchandise can be determined.

Spring term "Hell Week," which began Wednesday noon, April 13, was climaxed by formal ceremonies during the past week-end. Fifteen houses inducted a total of fifty-two new members at that time.

College-approved rooming house operators of East Lansing met April 21 in Olds hall to complete final plans for an organization to be known as the Householders' Association of East Lansing. At this meeting a code of rules was drawn up which was submitted to the college officials for their approval. President R. S. Shaw denied any drastic housing rule would be put into effect in the near future without giving the students a chance to express their opinions, but the constitution of the new body is as yet secret since all newspaper men were denied admittance to the meeting.

Coach "Mike" Casteel is receiving some local fame as an inventor. He has devised an indestructible pole-vaulting pole which will not shatter or break under any strain that a vaulter might put upon it and which is a valuable improvement on the old bamboo pole that was in constant danger of breaking. Another of Mike's devices is a sponge-rubber topped hurdle, which will allow a hurdler to practice without running the risk of barked shins.

Recently elected heads of Varsity club and Officers' club were Edwin Bath, Niles, and Kenneth Stonex, Brighton.

Two women officers of Associated Woman Students, Athenia Andros, Lansing, and Dorothy Prideaux, Benton Harbor, represented Michigan State at the fifteenth biennial conference of the central section of the Women Student Government associations, April 11 to 14, at the University of South Dakota in Vermillion.

Band concerts began May 11, and will be continued through the following three Wednesdays, May 18, 25, and June 1. The place is just south of the forest of Arden, and the time 7:30 p. m.

An unusual art exhibit was recently shown in the Union Memorial building. The pictures were the work of East Lansing children of the ages of seven to ten, and had been produced in an art class taught by Miss Alma Goetsch of the art department.

After suffering wholesale revision at the hands of the faculty committee, a new constitution was finally adopted by the Student Council. It only remains to be passed on by the student body at the coming spring term elections to go into effect.

An announcement of the Horse Show committee indicates that the annual event will be held May 30, lasting only one day instead of the former two. Events will be run off in the forenoon and the afternoon of that Monday.

Perhaps you will be unable to attend the Centennial Celebration in 1957, so plan to be on the Campus June 11—75th ANNIVERSARY PROGRAM.

Spring is in the air. Bending over our typewriter we can see outside tender green grasses and budding trees, and what can we do about it? Ah, but the sweet satisfaction of spring is enough. The new spring clothes are stunning. Little freshman girls shine demurely in red, green, yellow, white, up and down the walks between rows of dandelions; and youths stride beside them in white, tan or gray, and the man with the tractor-mower brushes your legs and you squeal or swear, depending upon your sex. No flies have come yet; the air is balmy; the Red Cedar does not yet smell with the odors of damp East Lansing sewers, and paddles splash and flash softly in the moonlight. Ha, spring! Or at least, Ha!



*Safe
at
Home!*

Spartan Baseballers Show Power in Heavy Schedule this Season

THE baseball team, potentially one of the best the College has seen in several years, ran into some stiff competition at the very outset of the season and as a result did not come off with colors flying in as many instances as Coach John Kobs would have liked.

Two victories over the University of Iowa, the humbling of two minor rivals and a 16-inning 3 to 3 tie with the University of Michigan were the features of a sparkling start. Losses to Luther college of Decorah, Iowa, and Michigan State Normal college served to keep the Spartans from believing themselves invincible.

St. Viators of Kankakee, Illinois, a school that has been on schedules here off and on for many years, helped the team open the home season and was obliged to leave the city with a 6 to 1 defeat attached. State hit the ball hard and opportunely to get an early lead that was never threatened with Charley Griffin pitching great baseball.

Central State Teachers college were the next victim. The Mt. Pleasant aggregation was buried under a 19 to 2 score, the Spartans hammering the ball for 17 safe hits. McCaslin, Pemberton, and Bross, all veteran hurlers, took turns on the mound. It provided a good workout for the Spartans.

Luther college, an institution that seems to have the baseball high sign on State, walked off with a 3 to 1 victory in the third game on the list. It was the first home defeat for the Spartans. The State bats were baffled by the fine pitching of Archie Bell and although Pemberton and McCaslin hurled well, they could not secure the help needed for victory.

TROUNCE IOWA IN DOUBLE BILL

UNIVERSITY OF IOWA found the Spartans in a vengeful mood. State tramped over the Hawkeyes in a

free hitting game 12 to 4 and turned around the next day to come from behind and win a thrilling contest, 4 to 3. Griffin pitched the opener and although he was taken for eight hits, he did not have much to worry him. State mastered the offerings of two Iowa pitchers for 18 hits. This merry bat tune produced a comfortable margin of runs in the sixth innings.

In the second game with the Hawkeyes, State was unable to get started. Iowa snatched a three run lead off the hurling of Gerald McCaslin in the second inning and State did not overcome this until the ninth when they tied the score at 3 all and went into the tenth to win, 4-3. A single by Fawcett, a steal of second base and a double by Sophomore Floyd Morse, catcher, produced the run that tied up the game. In the tenth Junior Al Kircher doubled and after two men made futile efforts to drive in, the fleet U. P. outfielder, Captain Johnny Madonna came through with a hot single through the box to win the game.

Michigan Normal's team turned out to be all that it was advertised. The Ypsilanti teachers gained a 7 to 3 victory over State that really smarted the Spartans. Michigan State has been the real baseball power in state inter-

collegiate circles now for two successive seasons and had visions of making it three in a row. The early loss to Normal was a setback but the season was still young and the Kobsmen have hopes of making up their lost ground. Normal had a well balanced team in the field, received some excellent pitching from Russell Michaelis and played a good game. State, on the other hand, made four misplays, and saw Gerald McCaslin pounded for five runs in two innings that decided the game.

INCREASE TIE GAMES WITH U. OF M.

THE 16-inning battle with Michigan was something to be remembered. It required three hours to play at Ann Arbor and wound up when darkness descended. Charley Griffin, the old master so far as the Wolverines are concerned, had them on his hip but his teammates could not collect the runs needed. In fact, it took a home run by Junior Abe Eliowitz to tie up the game in the ninth. Abe hit one onto the tennis courts that let him saunter around the bases at his own good time. Abe has a habit of doing those things. He hit a homer over the fence against Vanderbilt in the ninth inning this spring to give State a 3 to 2 victory over the Commodores.

The Spartans played fairly good ball at Ann Arbor but in view of the many opportunities to win the game, Coach John Kobs felt rather disappointed over the showing. The outcome only added to the string of hotly contested games that are taking place between teams of the two institutions these days. They have played two scoreless football games in succession, went two overtimes last winter before tying a basketball game and then played the long drawn out baseball battle.

BASEBALL SCORES THIS SEASON

April 16—M. S. S. 6; St. Viators 1
April 21—M. S. C. 19; Central State 2
April 25—M. S. C. 1; Luther 3
April 29—M. S. C. 12; Iowa 4
April 30—M. S. C. 4; Iowa 3
May 3—M. S. C. 3; Michigan 3
May 7—M. S. C. 3; Ypsilanti 7
May 11—M. S. C. 8; Hillsdale 5
May 14—M. S. C. 5; Notre Dame 2

Track

ONE of the biggest surprises in the history of Michigan State college track developed here recently when the Spartan thinclads scored a victory over Notre Dame in a dual meet. State won by one-half a point, 65½ to 65¼, over a team that had been undefeated up to that meet. The Irish went into the meet top-heavy favorites to win, having scored victories over Wisconsin, Illinois, and Iowa in previous dual meets. Outstanding in the victory of Coach Ralph H. Young's team was the new stadium and varsity record of 23.8 made by Junior Clifford Liberty in the low hurdles. Liberty teamed with Junior Ted Bath to take 16 points out of a possible 18 in the two hurdle events. Sophomore Kenneth Warren also set a new varsity record of 1:58 in the half mile and the real surprise was the victory of Junior Ralph Small over Gene Howray, the great Irish star, in the two mile.

State had previously swamped Detroit City college 110 to 21 in the first dual meet of the season.

Tennis and Golf

WITH four sophomores in his lineup of six players, Coach C. D. Ball, Jr., has watched the Spartan racquets beat a fast tempo this spring. State won from Kalamazoo, University of Detroit, and Ohio Wesleyan while dropping a match to the University of Michigan. The netters are headed by Sophomore Stanley Weitz who promises to be the best tennis player State has ever seen. He was undefeated in his first four starts, winning a notable victory over the University's No. 1 man, Colby Ryan. In the match with Michigan, State dropped five out of the six singles matches in a thrilling set to but won two out of the three doubles.

The golf team lost its first three matches, failing to get started in the face or strong competition. Junior Arnold Duffield, the basketball player, is captain of the team.

Interscholastic Track

HUNDREDS of high school athletes will come to the Campus May 27 and 28 to attend the annual Michigan high school track and field championships. Participants will also have the opportunity to see Coach Kobs baseball team in action against the strong Western State Teachers' nine.

Golf for dubs and darbs, June 11.

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Blarney Stork Visits Foresters

THIS critter is the outcome of an experiment conducted at M. S. C. to find just what sort of an animal will subjugate himself sufficiently to "take it" from embryonic foresters learning the gentle art of packing. The various parts of his anatomy having been hewn from a former campus spruce tree gives him unusual backbone and weight for his life size proportions.

Looking back over history, the main difference between the forestry depart-



FORESTRY "BLARNEY"

ment packhorse and the one designed by Menelaus of old, whereby he and his men might gain entrance through the walls of Troy, appears to be simply in the manner of carrying their respective loads. The original Spartan horse took his on the inside whereas this latter issue takes his on the outside. During the course of a day he sees packs of all sorts and sizes lashed to his sides by means of the squaw or basket hitch, the old dependable "diamond," or other nondescript winds featuring the amateur "hard knot." While no true disciple of the trail would stand for such treatment his tolerant nature goes no further than registering a half suppressed grin.

The chief concern not to say disappointment occurred when he turned out to be a mule instead of a horse. This drawback of "Alice's," has been largely overlooked owing to his fine table and stable manners. The fact that he can be both stabled and pastured in the building, ready for immediate service, is much to be preferred to spending a half day chasing him with rope or nose-bag over a quarter section of territory.

And such a sweet disposition for one of his breed. Even the greenest freshman can approach him on the off side without an undue fusillade of heels. The long-eared angel will continue to

earn his sawdust rations as long as there winds a trail into the hills over which M. S. C. embryonic foresters ride to fame and fortune.

IN MEMORIAM

WILLIAM COOK, 1874

William Cook, '74, for a number of years a well-known citizen of College Place, Washington, passed away at the home of his daughter, Mrs. Karl Moran, in Portland, Oregon, March 12, 1932. Death was due to a heart attack.

He was born in Cyco county, New York, December 20, 1848, and moved with his family to Ohio, then to Greenbush, Michigan. It was from there that he entered the College in 1870.

He married Miss Edwina M. Sevay of Greenbush in 1876 and in 1885 they moved west. After living in South Dakota for nineteen years they settled in College Place, Washington. Mrs. Cook passed away in 1931.

He leaves one brother, Eliju Cook, of Bay City, Michigan, two daughters, Mrs. Charles Rogers of College Place and Mrs. Karl Moran of Portland, and five grandchildren.

ROBERT EDWIN CAINE, 1876

Word has been received of the death of Robert E. Caine, '76, Battle Creek, Michigan, of bronchial pneumonia.

BENJAMIN FRANKLIN SIMONS, 1890

Benjamin F. Simons, '90, president and general manager of the Simons Dry Goods store in Lansing, Michigan, died at his home, 1620 Osband avenue, April 12, 1932. He had been in business in Lansing for forty-three years.

Mr. Simons was born in Lansing May 7, 1869. He attended local schools and following his graduation from the College, entered the dry goods business in partnership with his father who founded the store in 1857. He became president and general manager of the store following the death of the elder Mr. Simons.

He is survived by the widow, two brothers, and two sisters.

Alumni Day, June 11. Come!

You Will Enjoy Eating at the MARY STEWART SHOPS

Lansing—123 E. Michigan Ave.
East Lansing—114 W. Grand River

College Activities of Today

By O. L. BECKWITH, '33



WHEN fraternity brothers pick the activities for their new initiates to enter, to amass glory for themselves and honor for the house, which ones do they choose and why do they chose them?

Or if the ambitious independent makes his bid for fame, what does he go into? Barring individuality, it's not too hard to say.

The college field today, paradoxically, is both more limited and more extensive than in older times. Varsity athletics are no longer a matter of casual goings-out, showing abilities, and making teams, but are strictly regulated businesses, and a college squad may be planned from senior year in high school. Class elections are society duels and the fields of dramatics and debate are still as exclusive as ever. On the other hand, there could be nothing more open than intramural athletics, and probably everyone who is at all interested can play on basketball, baseball, bowling, or touch football teams. As well, the glee clubs list huge numbers of men and women; the Grange takes Ag students to its bosom profusely, and almost anybody can be an R. O. T. C. officer.

FRATERNITY BROTHERS PLACE THEIR INITIATES

TO go back to the freshman theme, however. Out of perhaps ten initiates, the fraternity or society, if it happens to be politically inclined, will chose three personable boys to try for class offices. On State's campus there are alternating blocs and coalitions of societies, and nearly every election, class office or student council, will have nominees from two, or even three or four, blocs. If the fraternity is journalistically inclined, or one of its members has a prominent place on a staff, one boy will be sent to try for each of the two major publications, the State News or the Wolverine. They may make them, they may not—at least they try. Of the five boys left, one may be on the band and one out for some frosh team. The three remaining are perhaps kept to help around the house.

Of course this procedure is not by any means constant. Some houses let their members enter what fields they please, others discourage activities and concentrate on scholastic standing, others just don't give a hoot.

Independents, with no fraternity to guide them, do their own picking. They have, seemingly and strangely, been growing stronger on the Campus in the

past few years. In spite of the decease of the Independent Representative Forum, independents have gained a large percentage of the higher offices on the State News, as well as the highest Wolverine post. The formation of the Spartan Women's League and a Men's League at Wells hall shows a tendency for a political alliance between independents and fraternity men and women which may result in something more permanent.

HONORARIES—UNCOUNTED AND INCALCULABLE

WITH political organization out of the way, we turn to the honoraries. Here they are. Club after club, fraternity after fraternity, society after society, they stretch away into the distance, mile on mile, uncounted and incalculable. You can get into a forestry honorary, a veterinary honorary, a service honorary, an engineering honorary, an agriculture honorary, an arts and sciences—is the catalog sufficient? Last year they had 127 members out of a total college enrollment of 3,000—and if you deduct twelve hundred for the freshman class, which can't belong to honoraries, you see the percentage is large. Remember, too, that practically all honorary membership is made up of juniors and seniors, and you see that the percentage is even larger.

Theta Alpha Phi, patron of the drama, is one honorary which stands alone as a producing unity. Its members or prospective members have stalked the boards in three plays a term for a long time now, with varying successes. Mu Phi Epsilon and Sigma Alpha Iota, music honoraries, and Pi Delta Epsilon, journalism honorary, were its only rivals for prominence, but the exclusive way of the two music groups and the dishonorable death of the Eczema keep all three at present out of the public eye.

"BIG SHOTS" CLAIM CAMPUS HONORS

AND that last phrase—the public eye—sets the tempo for a certain kind of participation in activities. In campus parlance, you are either a big shot, a coming man, or a nonentity. Not that it matters,—nonentities quite probably get as much out of college as big shots (in fact, many of them sniff audibly at the big shots, meanwhile clinging like leeches to their obscurity) but the generally accepted credo is that big shots are powerful men, and that their opinions hold weight. There is little kowtowing to them, though. At State a man takes his big shotism gracefully or he is liable to be laughed at. There is another generally accepted credo that a bunch of keys on a watch chain does not guarantee a man against making a fool of himself, and perhaps this

credo is a little more carefully lived up to than the preceeding one.

Indeed, our freshman initiate or our independent has a hard road to travel if that be his choice. When he hangs on his chain the blue key or the honor society of the same name in his sophomore year, he may consider himself on the first mile of it. Then committee appointments and offices push him more leagues along, while honorary keys mark the mileposts. Again, an R. O. T. C. captaincy and a member in Scabbard and Blade, to show that his masculinity is unimpaired, and he has attained big shot proportions. Then, with good luck, he may swagger all his senior year. In the meantime the rest of the college goes into the activities it cares for, which may and do run all the way from tea dancing to chess.

UNDERGRADUATES CHOOSE THEIR COURSE

OTHER inclusions are debating, chorus singing, band playing, religious work, and so on. Debating is not the powerful thing it once was—nobody points at a man on the street with an awed whisper, "that's the captain of the debate team"—but it still is a respected activity. Extempore speaking is a new and powerful branch, and two honoraries wait to reward the earnest debaters.

The college chorus, larger since faculty members and East Lansing people were admitted, looks forward to a more active future, as does the band—the latter if possible, since it has put a long period of intense activity already behind it.

But the day is long gone when the Y. M. C. A. president was listed among the big shots. The Y. M. today is less useful, it no longer publishes the freshman handbook, and, whether this has anything to do with the fact or not, is no longer one of the influential campus organizations. The Y. W. C. A. remains the social club that it seems always to have been. Other religious organizations, in spite of a large student attendance at the Peoples church, are inconsequential.

Concluding, one can say that State's activities are in neither a too-flourishing or too-anemic condition. The student attitude towards them seems to be—to quote Huxley's quotation of somebody else—"Do what you will."

MARRIAGES

HAWKINS-HAUGER

A. J. Hawkins, '31, and Margaret Hauger of Tonawanda, New York, were married September 5, 1931, at the home of the bride.

They are living in Alexander Bay, New York, where Hawkins is connected with the Buffalo branch of the United States army engineers.

ALUMNI AFFAIRS

1870

Chas. Garfield, Secretary

206 Burton St., S. E., Grand Rapids, Mich.

"Of unusual interest to the host of friends of Charles Garfield," writes DeGay Ernst, president of the M. S. C. alumni club of Kenty county, "was the recent unveiling of a bronze tablet at Seymour square in the south end of Grand Rapids. This tablet, set in a boulder, was placed at the corner of Burton street and Eastern avenue, and marks the sit of the old Seymour school where Mr. Garfield was once a pupil and later a teacher. The event was a gala day for the citizens of Grand Rapids."

1874

Henry A. Haight, Secretary

539 Penobscot Bldg., Detroit, Mich.

William D. Bagley is a fruit grower and gives his address at Route 1, Old Mission, Michigan.

"William Cook who passed away at Portland, Oregon, March 19, was a well respected member of the class," writes Henry Haigh. "He was earnest and faithful and he achieved a long, honorable, and worthy career. He served the city of College Place, Washington, as a member of the school board for a number of years."

1876

Ervin D. Brooks, Secretary

710 S. Park St., Kalamazoo, Mich.

J. E. Taylor writes from Greenville, Michigan: "You are doubtless by this time in receipt of notice of the recent death of R. E. Caine, of '76. This news threw me into the reveries of a dark hour which sort of time seems to be when my muses haunt me most. Practically only a year ago Mr. Caldwell and I were both lying in hospitals behind drawn curtains and nurses watched our every breath lest it might be our last. Our classmates Horton and Caine were both hale and well, now Caldwell and I are on the way to health and strength. Strange fates

await men but it all gives me a lonely hour when I brood and sometimes write.

Like a frail bark on the tempest tost
My dreams lead me back till I'm lost
By the banks of the easy flowing Cedar
When Doctor Abbot was our leader.

Methinks again, I hear that last roll-call
On a chill day in November
By our teacher, beloved by all:—
I am dreaming in sorrow, of things I remember.

Oh, that was an inspirational day,
A day that haunts me still;
Then we were hopeful, happy, and gay;
Alas, now I'm weeping 'tis God's will.
In sadness and silence now, I call the roll;
But the voices of ten are still:
A long time, we were seventeen "pals"
together.
Now those answering the letter are only seven;
But hark!—ten voices are calling us up to
Heaven.

Memorial to '76, by J. E. Taylor.

1881

Charles McKenny, Secretary
Michigan State Normal College,
Ypsilanti, Mich.

J. F. Root writes from Plymouth, Michigan: "Wife and I expect to meet you all in June."

His classmates and other friends will be sorry to learn that A. H. Voight passed away at his home at 936 South Westlake avenue, Los Angeles, May 13, 1932. Details in July Record.

1888

Charles B. Cook, Secretary
R. I. Owosso, Mich.

A newspaper clipping forwarded to Professor V. R. Gardner of the College horticulture department, states that A. B. Cordley, dean emeritus of agriculture at the Oregon Agricultural college, was honored recently when a large portrait of the dean was presented to the college by alumni and students of the agricultural division. Dr. W. J. Kerr, president of the college, made the comment at the annual Ag banquet that "records show that the value of Dean Cordley's work in connection with the school of agriculture has exceeded the total cost of higher education in Oregon."

1889

Edward N. Pagelsen, Secretary
Box 315 Panama City, Fla.

Grant M. Axford gives his address as 120 Washington, Lake Orion, Michigan.

1897

Hubert E. VanNorman, Secretary
Care Borden Co., 350 Madison Ave.,
New York City

H. E. VanNorman may be reached at Room 1626, 221 N. LaSalle street, Chicago.

1906

L. O. Gordon, Secretary
Interlaken, North Muskegon, Mich.

Whitfield V. Ackley is a lumberman at Bangor, Michigan, under the firm name of Ackley and Sherrod.

A. C. Anderson may be reached at Schoolcraft, Michigan.

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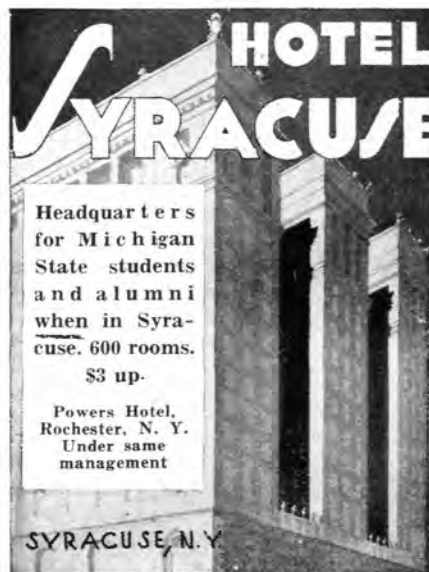
D. G. Miller, '91 Geo. F. Miller, '17
Chas. D. Miller, '24
Gladys Gruner Miller, '18

CLASS REUNIONS AND DEPRESSIONITIS

President Shaw and the officers of the alumni association have a new remedy for the seemingly hopeless loquaciousness into which most of the country appears to have fallen.

It is a proved fact that the best tonic for depressionitis is a visit to the Campus. Added to this visit is the unusual Alumni Day program, June 11.

EVERY class will have a reunion. Some class secretaries have planned more elaborate get-togethers than others. But we want you here without fail. COME! Bring the whole family, and we'll see that all the "Keep Off The Grass" signs are removed for June 11. The Campus will be yours for the day and it never looked better than now in its richest nature garb.



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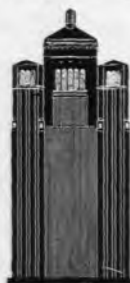
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1907

George Brown, Secretary
East Lansing, Mich.

Thomas Gregg, 13-year-old son of O. I. and Irma Muzzall (w'09) Gregg, died in a Lansing hospital April 29, 1932, of appendicitis. Surviving, besides the parents, are three brothers, Glen '31, Emory w'33, and Philip, and a sister Ruth.

Our 25th reunion is to be held Saturday, June 11. It is a good time for it. We will all want to be back for the 75th anniversary program that day.

From Eva, George, Claude—down to Inez, Crossman and Andy—the twelve '07ers locally—is extended an invitation to make this the most sparkling, the most interesting reunion ever held. Meet us at the Union bright and early and bring the family.

1909

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

Mrs. Ion Shepard (Maude Kenyon) lives in Charlotte, Michigan.

1910

Mrs. Minnie Johnson Starr, Secretary
627 Madison Ave., Grand Rapids, Mich.

Mary F. Baldwin is teaching in the Grand Rapids Central high school and lives at 638 Fulton street East.

A newspaper clipping sent to the alumni office by Barbara VanHeulen stated that Gerrit J. Johnson, father of Minnie Johnson Starr, died March 15 in Los Angeles. He was a prominent citizen of Grand Rapids and numbered among his close friends Clarence Darrow and Upton St. Clair. His funeral was conducted in Grand Rapids by the Rev. A. W. Wishart, pastor of Fountain street Baptist church and Rabbi F. Waterman of Temple Emanuel.

1912

C. V. Ballard, Secretary
East Lansing, Mich.

Dr. Glaister H. Ashley has offices in the Republic building, Denver, Colorado.

W. E. McGraw is chief engineer of the Chrysler corporation in Windsor, Canada, where he lives at 503 Parkwood.

1913

Robert E. Lorie, Secretary
East Lansing, Mich.

Joseph H. Bridges is in the real estate and insurance business at 4007 W. Vernor Highway, Detroit.

1914

Henry E. Publow, Secretary
East Lansing, Mich.

Henry Aldrich, formerly with the Wickes Boiler company in Saginaw, has accepted a position as executive secretary for the Water Tube Boiler association, 274 Madison avenue, New York, New York.

An attractive sixteen-page brochure has been issued recently by the Coryell nursery of Birmingham, Michigan. Ralph I. Coryell is the promotion manager for new business and together with his father, Rolla J. Coryell, '84, owns and operates one of the most ex-

tensive landscape enterprises in Michigan. The elder Mr. Coryell established the business in 1905.

1915

Rolan W. Sleight, Secretary
Laingsburg, Mich.

The Mathews Family Ensemble (Irvin J. Mathews) broadcast from WOWO in Fort Wayne, Indiana, on April 30. It was a varied musical program including two xylophone numbers by Stuart, age 6, and Mr. Mathews spoke briefly on "Acres of Black Diamonds."

1916

Herbert G. Cooper, Secretary
519 Riley St., Lansing, Mich.

J. B. Maas is publisher and owner of the magazine "Dry Kiln Operator." He is located at Fox Creek Station, Michigan. Maas visited the College recently and gave a talk to the senior foresters on dry kilns. He is cooperating with the Forestry department in building an experimental dry kiln in the basement of the Forestry building.

1917

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

Leland S. Jennings lives in Saginaw, Michigan, at 125 Storch street.

Ralph J. Morgan is supervisor of governmental sales for the Caterpillar Tractor company of East Peoria, Illinois. He lives in Peoria at 201 North Underhill avenue.

Raymond C. Smith of Lake Odessa, Michigan, reports that Charles Bruce arrived on February 9, 1932, and will be ready to enter M. S. C. about 1950.

1918

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

Mildred Mead Brewer has moved in Los Angeles, California, to 2770 Francis avenue.

Erma Preston Bridge (Mrs. A. E.) gives her address as 3155 West 28th street, Denver, Colorado.

1920

P. G. Lundin, Secretary
East Lansing, Mich.

Allyn J. Barnett lives in Detroit, Michigan, at 20158 Yacoma street.

1921

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

L. C. Palmer, Kent county forester, gave a talk before the Forestry club at the meeting on roadside developments in Kent county, Thursday, April 7.

1922

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

Panos D. Caldis may be reached in care of the Philippine Packing corporation, Cagayan, Misamis Oriental, Mindanao, P. I.

The February 16 issue of the Detroit Free Press contained a most interesting article about Ronald Pockington who recently returned from Liberia where for three years he was superintendent of the Firestone rubber plantations.

1923

Wm. H. Taylor, Secretary
Okemos, Mich.

Leonard H. and Thelma Haite ('22) Sanford announce the birth of Patricia Louise on December 13, 1931. The Sanfords are living in Lansing at 806 N. Washington avenue.

1924

Mrs. Joseph Witwer, Secretary
764 Burroughs, Plymouth, Mich.

About June 1 Theodore Frank will take up a pastorate in the First Congregational church in Windsor, Connecticut. This church is more than three hundred years old and is believed to be the first congregational church established in this country. During the three hundred years only sixteen pastors have served. Apparently each had a lifetime job.

O. W. Kotila gives his new address as 1146 Bryant street, Fairmont, West Virginia.

1925

Frances Ayres, Secretary
East Lansing, Mich.

Burgess D. Iseman has moved in Detroit to 71 Melbourne avenue. He writes that he is looking forward to Alumni Day, June 11, and will try to be on hand.

1926

R. H. Riggs, Secretary
East Lansing, Mich.

Gavin A. Brown is a Hudson-Essex dealer in Milwaukee, Wisconsin. He and Mrs. Brown (Jeanette Kennedy, '28) live in Wauwatosa at 833 Sixth avenue.

John D. Hawkins gives his new address as 20th Infantry, Fort Francis E. Warren, Wyoming.

1927

Eleanor Rainey Mallender, Secretary
288 George St., Birmingham, Mich.

Allerd W. Berquist is with the State Department of Conservation in Lansing.

Seldon B. Crary is with the General Electric company in Schenectady where he lives at 939 Wendall avenue.

James D. Salmon gives his address as 272 Sadowa street, San Francisco, California, where he is a minister.

1928

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

Andrew Braidwood is city forester for Pontiac, Michigan.

Russell J. Davis is an instructor in chemistry at M. S. C. and lives in East Lansing at 417 Ardson road.

Paul Engle expects to graduate from the Loyola School of Medicine in Chicago this coming June, and will return to Lansing to intern at the St. Lawrence hospital. Engle reports that John Keeley, '27, is in the University of Wisconsin health department at Madison.

John K. Krober is located at Marquette, Michigan, as district white pine blister agent.

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F. A. McKim gives his new mailing address as Box 267, East Pasadena, California.

Ben Moss is located at Black Creek, Wisconsin, in a retail and wholesale cheese manufacturing company with his father-in-law.

Kenneth Pomeroy is located at Sturgeon Bay, Wisconsin, with the Wisconsin Blasting company of Merrill, Wisconsin. He is doing fill settlement work on the roads. In this type of work they are able to settle fills on new roads that ordinarily would take three years to settle in a period of about one year.

Margaret Semmes is bacteriologist at the Lancaster General hospital in Lancaster, Pennsylvania, where she lives at 524 Duke street.

G. A. Young may be addressed Route 4, Tallahassee, Florida.

Neil Stuart has completed his work on a master's degree in horticulture at the University of New Hampshire, and after June will take up his new duties in the department of horticulture at the University of Maryland. Stuart taught two years at the Belding, Michi-

gan, high school before going to New Hampshire.

1929

Phil Olin, Secretary

111 Highland, Apt. 202, Detroit, Mich.

Edward M. Cray is with the Day & Night Heater company in Sacramento, California, where he may be reached at 1616 H street.

Ed Groesbeck is district ranger with the U. S. Forest service at Comjilan, New Mexico.

Phil Olin writes from 111 Highland, Apartment 202, Detroit: "Just learned a couple of items of interest and thought I'd send them in to you. The first is of the death on March 10 of Mrs. Helen Coffman Wilson in Coldwater. She has been married about a year to Sidney Bert Wilson (not of State). The other item is the marriage on April 15 of Miss Dorothy Butler, '29, and a Theta, to Dr. H. F. Hilty of Dayton, Ohio. After July 1 they may be reached through 26 Mayo avenue, Dayton, Ohio."

H. E. and Louise Stoner ('28) Hendry are living at 327 Lincoln, Monroe,

Michigan, where Hendry is county agent for the Gulf Refining company.

Marion L. Joslin is personnel director for the Kroger Grocery and Baking company in Toledo, Ohio.

Mr. and Mrs. Seth (Robena Wood) Keasey announce the birth of a daughter on April 29, 1932.

Eugene Lepley is located at Colorado Springs, Colorado, doing experimental work for the U. S. Forest service.

Reynolds Metz is completing his first year as auditor for the Great Lakes Fruit industries at Benton Harbor, Michigan, where he lives at 543 Cherry street. He wears his M. S. C. band sweater while working so other Staters will put out the old Spartan handshake when they unload fruit in Benton Harbor.

Bertha McCormick Neis (Mrs. Robert E.) lives at 13 Stockton drive, Monroe, Michigan.

Robert Sowash is doing fire tower work at Hiles, Wisconsin, for the U. S. Forest service.

Lawrence Strobel reports the arrival of Barbara Jeon on April 21, 1932. Strobel is a student engineer with the testing department of the General Electric company in Schenectady. The Strobels live at 12 Hawk street.

John Welch is working for the buildings and grounds department of the College.

Phyllis Trautman is health education secretary at the Beloit, Wisconsin, Y. W. C. A. and directs the local branch of Girl Scouts. She lives in Beloit at 1202 Chapin street.

1931

Glenn Larke, Secretary
East Lansing, Michigan

Lauretta Atkinson is secretary to the dean of women at M. S. C. and lives at 315 Ann street, East Lansing.

Donald W. Clark lives in Detroit at 11543 Linwood avenue, Apartment 206. He works for the Pere Marquette rail road.

Margaret A. Eaele is a student dietitian at Harper hospital, Detroit, Michigan.

Morris Huberman is in Missoula, Montana, at the Northern Rocky Mountain Forest Experiment station. He will remain there until fall when he plans to enter the school of forestry at Yale university, on a scholarship, to work for his master's degree.

Harley F. Lawhead has moved in Detroit to 14625 Strathmoor.

Francis Norgard is a representative for the Detroit Recording Studios, Inc., makers of individual, group, or commercial recordings by electrical transcription. They have offices in the United Artists building, 162 Bagley avenue, and Norgard lives at 6362 Trumbull avenue.

William Pratt may be reached at 5514 Blackstone avenue, Chicago.

Reunion for All Classes, June 11.

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