michigan state college RECORD

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JANUARY 1931 A



THE MICHIGAN STATE COLLEGE RECORD

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Listening In



MADE a lot of money-needed a lot-spent a lot. In a nutshell, there is the financial story of the athletic association for the year which ended June 30. When Comptroller Wilkins

and his auditors tracked the last entry to its lair and gave their adding machines a final punch, they noted that the net profit of the 1929 football season was \$24,351.13, which is entitled to a respectable salute if we are at all impressed with the gain made in this sport at Michigan State in the past few years. A more complete survey of the gray-covered brochure of the auditors is given on page 11 under the story "Where the Football Dollar Goes."

DURING the past month we were discussing an old pledge with a prosperous looking alumnus in a nearby city, whose total contributions to the College during the past two decades would have bought him a new winter hat. One of his arguments was that no one had intimated to him. while he was a student, that he was not paying the full cost of his education; consequently, the books were closed when he graduated, and he considered himself free from subsequent obligation to the College. He was promptly assured that the College holds him under no obligation, explicit or implied, but the argument contains the germ of the thought.

COLLEGE alumni association justi-A fies its existence on the grounds that it is the best method for graduates and former students to keep in touch with the education world after school days are over, and because the educational institutions realize that in the alumni association there is a definite bond between the graduate, the college and the field of education. With this thought in mind the fourth annual College Congress conference will be held at the Union on January 30 and 31. In addition to President R. S. Shaw, who takes the alumni into his confidence in his characteristic manner at these important gatherings. John B. Fullen, alumni secretary of Ohio State university, has been secured to talk on "Whither Football." Administrative officers of the College, deans, faculty members, officers of local alumni clubs and class secretaries will welcome the opportunity to attend the annual College Congress, to become intimately acquainted with the problems of the College, to discuss the relationship of the graduate body to Alma Mater and to be enlightened by an accepted authority on what present day alumni are thinking. The dates

The MICHIGAN STATE COLLEGE RF Established 1896

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THE M. S. C. ASSOCIATION

Union Memorial Building OFFICERS-1930-31

R. Bruce McPherson, '90, President W. O. Hedrick, '91, Vice-President L. T. Clark, '04, Treasurer Glen O. Stewart, '17, Secretary

EXECUTIVE COMMITTEE :

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Entered at the East Lansing Postoffice as Second Class Matter

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are Friday evening January 30 and Saturday forenoon, January 31. Any alumnus or faculty member is welcomed.

regime as head of the administrative work of the College, the Record presents in this issue a summary of the new appointments and changes vitally affecting the growth of the institution. In measuring this program, President Shaw and the College deserve the loyal support of all elements of our commonwealth who are interested in educational advancement.

 $I^{\rm N}_{\rm alumni} \stackrel{\rm ompliance with the by-laws of the alumni association, President R.$ Bruce McPherson has recently announced the appointment of H. G. Cooper, '16, Lansing, and George "Carp" Julian, '16, East Lansing, to head two committees to present nominations for the general elections of the alumni body next June. Each committee is to present a full slate of candidates. each committee will be responsible to the extent that all persons nominated shall have agreed to serve if elected. and further that each committee shall confer on suggestions received in time to publish their elections in the March issue of the Record.



CLARA HANTEL BRUCKER

A recent portrait of the First Lady of the State of Michigan, wife of Governor Wilber M. Brucker, who took office January 1.

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MRS. WILBER M. BRUCKER, a graduate of Michigan State college with the class of 1930, is the first alumna to occupy this distinguished position. During the past two years, while her husband held the post of attorney general, Mrs. Brucker continued her collegiate work in the liberal arts division, where she studied voice under Louis Graveure. At present Mrs. Brucker is working on her master's degree, continuing with music and French. The Bruckers have one child, Wilber, Jr., and are residents of East Lansing.

President Shaw Directs Varied Program

Personnel of Faculty Strengthened During His Regime

DURING the two-year regime of Robert Sidey Shaw as president of Michigan State college, there has been a decided strengthening and improvement in the personnel of the faculty, especially among the division heads. Illness has been a factor in necessitating changes among the deans in a few cases but the majority of the appointments instituted by the present head of the College have been made with a definite view in mind of adding fresh energy and younger blood to salient points that were tottering with old age and general inactivity.

When President Shaw first took over the task of directing the College in 1928 he immediately swung into a program that was launched only after careful study and weighing of facts, both as to immediate needs and material at hand to fill the gaps.

No one can say that President Shaw's appointments have not lived up to expectations and more. From home economics to athletics and from agriculture to a dean of women the individuals finally decided upon by the administration to fill the jobs have all been masters of their subjects not only in sound knowledge but in many cases have been able to lend inspirational guidance to their particular departments that is daily putting Michigan State more and more along the highway of continued success and prosperity.

Important Appointments Faced New President

Up to the day Mr. Shaw was made president of the College he held the chair of dean of agriculture and director of experiment station. His removal to another field left him with important appointments facing him the minute he accepted the presidency. For the position of dean of agriculture he did not hesitate in naming Joseph Frank Cox. Dean Cox came up from the ranks of the teaching profession, coming here on the faculty as an instructor in farm crops in 1913. The appointment has found popular approval, both with his associates in the department and with alumni and students.

One of the most important moves under the new administration was the division of the office of dean of agriculture and director of the experiment station. The two positions have grown to such a degree of importance in the opinion of President Shaw that no one man can handle the two tasks adequately. V. R. Gardner, '05, was made the new director of the station. Soon after President Shaw took office he was confronted with the problem of dealing with women students. Realizing that the solution to the problem was the securing of a woman of attainment and ability for a dean of women. Miss Elisabeth Conrad was named for the position. Miss



PRESIDENT R. S. SHAW —is daily putting Michigan State on the highway of success

Conrad was dean of women at Ohio State university from 1919 to 1924. Miss Conrad is considered very competent to care for the multitudinous demands of her office.

Strengthened Faculty Standing

With the appointments demanding immediate attention made. President Shaw began looking about with a view to strengthening other points of the faculty. He was not hasty in his selections, asking for and taking advice from many sources before he finally came to a decision.

Everett Lewis Austin. Ph. D., formerly of Ball State Teachers college in Indiana, was named professor of education. Dr. Austin immediately set himself the task of rebuilding this department and in a little over a year its progress has been rapid. Following the continued illness of Dean E. H. Ryder of the liberal arts division, Dr. Austin was named last month to take over the duties of this office, temporarily, as acting dean.

Harold Smith Patton, Ph. D., formerly of the University of Cincinnati, was called to the head of the economics department at the time of Dr. Austin's appointment. Dr. Patton is a recognized leader in the field of economics and with the added emphasis being given the courses in business administration, his services have been found invaluable.

Home Economics and Engineering Heads Change

Following the resignation of Miss Jean Krueger in 1929 as dean of home economics, Dr. Marie Dye was advanced from associate professor of home economics to the deanship. Dr. Dye has proved a capable, energetic head of the division and is one more link in the chain of institutional improvement initiated by President Shaw.

Following the illness and absence of George Walton Bissell, dean of engineering, in 1929, Henry Bernhard Dirks, professor of the mechanical division, was named as acting dean of engineering and acting director of the engineering experiment station, both positions having been capably filled by him.

More recent appointments to heads of divisions are those of Dr. E. A. Bessey, professor of botany, to dean of the graduate school and Dr. R. C. Huston of the chemistry division, to full dean of applied science, after having served a short time in the capacity of acting dean. Dr. Bessey was formerly acting dean of applied science. Both appointments are expected to prove advantageous to the welfare of the institution.

Apply Modern Ideas In Education

The appointment of Professor L. C. Emmons to the position of research professor of institutional administration marks a new step not only in educational circles on this Campus but in the educational world as a whole. This step is without precedent and President Shaw is of the belief that its importance is to be more fully felt in the next few years.

In the two years that President Shaw has been directing policies at Michigan State college he has appointed eight new deans or acting deans out of a possible nine, Dr. Ward Giltner being the only member of the faculty to retain his status as a head of a division. All appointments have found younger men and women, with more modern ideas of education and with the energy and ambition to apply them.

Athletics Looking Upward

There are several other additions or promotions in the faculty that are hardly less noteworthy. Perhaps the greater single addition since Mr. Shaw took office was the securing of James H. Crowley as head football coacn.



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DR. R. C. HUSTON —of chemistry department becomes dean of applied science division

Crowley's ability as a coach has been proven to students, faculty, and alumni. His abilities have set Michigan State's athletic possibilities shooting skyward to such possibilities that not even the

Freshman's Choice

T IS BECOMING EVIDENT that a student or his parents chose an institution of higher learning largely because of the subject matter offered or because of the reputation of that institution for an economical four years.

Basis of these conclusions resulted from the statistics revealed following the fall registration of the freshman class at which time each member of the class of 1934 was asked to designate the dominating influence that resulted in his coming to Michigan State. The proper influences were listed on the sheet and the student was merely asked to mark those that applied in his case.

The following tabulation was made by Professor L. C. Emmons, of the mathematcs department, who assisted in gathering the information:

| Interest in special subject | 449 |
|---------------------------------|-----|
| College was near home | 395 |
| An economical institution | 378 |
| Influence of a teacher | 63 |
| Parents attended this school | 27 |
| Other relatives attended | 106 |
| Influence of school friends | 128 |
| Influence of other friends | 211 |
| Athletics | 70 |
| Social Clubs | 14 |
| Influence of a college lecturer | 36 |
| | |

most pessemistic may hazard a guess as to its limit.

The appointment of James Blood Hasselman to a full professorship in journalism was another move of importance. To be sure the facilities of journalism at Michigan State are still somewhat limited, but with one of the finest' semi-weekly college newspapers in the country and other student publications of fine calibre, this department must certainly feel the added drive and energy of a man the type of Professor Hasselman.

Professor Albert H. Nelson. appointed director of summer session under the administration of President Shaw, has made a notable improvement in that department.

Institution Running Smoothly

The outstanding feature of the many changes in important positions on the faculty is the fact that it has all been accomplished without internal strife, unfavorable publicity, or any unfriendly attitude by any interested parties. It is one of the most treasured accomplishments of the present head.

Being a president of a college the size of Michigan State is a job for a man of no small abilities. He must be an educator and a business man, a keen student of human nature and have a vision into the future, he must be sympathetic yet unflinching in



DR. E. L. AUSTIN —takes over the duties of liberal arts division. as acting dean

the execution of his ideas. There is probably no better way to paint a verbal picture of Robert S. Shaw, the fifteenth president of Michigan State college.

COMPLETE LIST OF FRATERNITIES AND SORORITIES AND THEIR NAMES BEFORE GOING NATIONAL

*Indicates Sorority.

| PRESENT NAME | DATE OF GOING NATIONAL | LOCAL NAME | ADDRESS | | |
|---------------------|--|----------------|-------------------------------|--|--|
| AeTheon | | AeTheon | Woodmere and East Grand River | | |
| Alpha Chi Omega | 1928 | Alpha Chi | 548 M. A. C. Ave, | | |
| Alpha Gamma Delta | 1922 | | 139 Bailey St. | | |
| Alpha Gamma Rho | 1922 | | 335 E. Grand River. | | |
| Alpha Phi | 1922 | Feronian | 327 Hillerest. | | |
| Chi Omega | 1926 | | 239 Oakhill. | | |
| Delphic | | Delphic | 453 Abbot Rd. | | |
| Delta Alpha | | Delta Alpha | 404 W. Michigan. | | |
| Delta Sigma Phi | 1923 | Aurorian | 319 Albert | | |
| Eelectic | 1. | Eclectic | 451 Evergreen, | | |
| Ero Alphian | | Ero Alphian | 903 E. Grand River. | | |
| Eunomian | | Eunomian | 444 Abbot Rd. | | |
| Hermian | - 1 | Hermian | 224 W. Michigan, | | |
| Hesperian | and the second sec | Hesperian | Harrison and W. Grand River. | | |
| Kappa Alpha Theta | 1926 | Sororian | 118 Albert Ave. | | |
| *Kappa Delta | 1924 | Letonian | 215 Evergreen. | | |
| Kappa Kappa Gamma | 1930 | Themian | 314 Evergreen. | | |
| Lambda Chi Alpha | 1922 | Forensic | 128 Haslett. | | |
| Olympic | | Olympic | 327 Abbot Rd. | | |
| Phi Chi Alpha | | Phi Chi Alpha | 218 Albert. | | |
| Phi Delta | 1 | Phi Delta | 148 W. Grand River. | | |
| Phi Kappa Tau | 1924 | Dorian | 223 Delta. | | |
| Phylean | | Phylean | 729 E. Grand River. | | |
| Pi Kappa Phi | 1925 | Orphic | 803 E. Grand River, | | |
| Sesame | | Sesame | 445 Abbot Rd. | | |
| Sigma Alpha Epsilon | 1927 - | Columbian | 131 Bogue St. | | |
| Sigma Kappa | 1927 | Pythian | 129 Division. | | |
| Theta Kappa Nu | 1930 | Ullysian | 334 W. Michigan. | | |
| Trimoria | | Trimoira | 912 Burcham Dr. | | |
| Union Literary | | Union Literary | 231 Valley Court, | | |

Professor William Haber, of the economics department, has been granted a fund by the Social Science Research council for the purpose of studying the unemployment problem and of

determining the efficiency of the present organization of the labor market. The work of the council is generally centered in Detroit but state-wide activity is being attempted this year,

January, 1931

Who's Who Among the Alumni



Charles McKenney '81, Ag., who graduated as a student in the division of agriculture has led an interesting career as an educator. After spending some years teaching in Vermontville, Charlotte and Olivet, Mr. McKenney accepted the presidency of the Central Michigan Normal school which position he held until 1900. From there he went as president of the Milwaukee Normal, remaining twelve years until the Michigan State Normal college called him to Ypsilanti to serve as president of that institution. During his eighteen years at the Michigan State Normal college he has directed one of the best training schools in the country and the name of Charles McKenney is known among prominent educators of the country. He was honored last month by the students and alumni of the College when they announced that their new Union building would be named the Charles McKenney Hall. Besides administering the Normal college, President Mc-Kenney is editor of the Amercan Schoolmaster, and has found time to write a book entitled The Personality of the Teacher, as well as many articles appearing in educational journals. As secretary of his class here at Michigan State he is laying elaborate plans for the golden anniversary of his college group on June 20. (To the left)

Alice Cimmer, '00, is one of those untiring workers in the educational field, whose work can never be adequately realized or tully appreciated. Miss Cimmer, who represents the large group of home economics graduates, is responsible for the installation of the home economics department in the public school system of Battle Creek. As well as installing it, she organized all the courses, and their successful conduction is a tribute to her careful supervision. Miss Cimmer also had much to do with the fine new Vocational building recently erected in Battle Creek. (To the right)





Eugene Davenport '78, Ag., after serving the fields of agriculture for many years, has retired to his estate at Woodland, Michigan. Immediately after his graduation in 1878, he acted as assistant to the late Dr. W. J. Beal until 1891, when he went to Brazil as president of the not yet established Collegios Agronomica at Sao Paulo. The declaration of war, however, made progress impossible, so he returned to the United States in 1895 going to the University of Illinois. He served this institution as dean of the college of agriculture and director of the agricultural experiment station from 1895 to 1922, and vice-president of the University from 1920 to 1922. Dean Davenport, as he is widely known, has published many technical books as authoritative in their line, edited a series of agricultural texts for high schools, as well as many recollections and magazine articles. Among the degrees he holds from Michigan State are B.S., M.S., M. of Agr., L.L.D. The University of Kentucky made him an L.L.D. in 1913, and D.Sc. was awarded to him in 1920 by Iowa State college. Dean Davenport is a Fellow of the A. A. S. and a member of the London Author's club. (To the left)

Crowley Signs New Contract as State Mentor

Announcement Highlight of Annual Football Banquet

MICHIGAN STATE'S annual football bust took place in the Union Saturday evening, December 20, with the presentation of awards for varsity and freshman football and varsity cross country and the customary presentation of "Dick" Remington's

all-state high school football team.

Over 500 students, alumni, faculty members and Lansing and East Lansing citizens attended the final gesture to Coach James H. Crowley's triumphant football team and the honoring of the all-state selections. The high light of the program was the announcement of President Robert S. Shaw that Jim Crowley had been secured for at least three more years as the guiding hand on the ship of gridiron destiny for Michigan State. His announcement received a tremendous ovation.

Present Harold Smead Trophy

The Harold Smead trophy, presented by the University of Detroit chapter of Alpha Epsilon Pi to the winner of the annual University of Detroit-Michigan State football game, was handed to Jim Crowley by Robert D. Norrs, representing the fraternity. It will repose in the Spartan trophy room for the next six months as a result of the 0-0 tie played in East Lansing this fall. Detroit will then have the keeping of the handsome silver cup for the next six months.

An interesting feature of the evening's entertainment was a re-enactment of the Colgate-Michigan State football game on the radio by Professor James B. Hasselman, head of the journalism department and popular radio announcer. Jim made it possible for all those present to relive the stirring moments of that game, including the 38-yard dash to a touchdown by Roger Grove in the third period, the smashing, relentless 95-yard drive of Colgate to a touchdown in the same period. and finally the climax when Robert C. Monnett, Bucvrus, Ohio, sophomore, dashed 65 yards off his own left tackle with less than two minutes to play to defeat Colgate for the first time since State and the eastern school opened athletic relations and incidentally the only time the powerful Maroon team was halted this season.

Varied Program Well Received

A disappointment of the program was the absence of Knute K. Rockne, football mentor at Notre Dame, who had planned to be here but was con-

fined in a Minnesota hospital with an old ailment.

C. C. Carlton, secretary of the Motor Wheel corporation of Lansing, acted at toastmaster and among others he introduced on the program was Governor Wilber M. Brucker who devoted himself to a short address, and Rudolph Eckert, vice-president of the Home Dairy company, of Flint, whose subject was "Futurities." The Dixie Octette, a musical organization of the Ford Motor Car company, of Detroit, that has appeared at previous State College football busts, and "Pop" Warner and "Jab" Barnard, two musically inclined seniors on the baseball squad, provided entertainment for the guests.

Varsity letters and gold footballs were awarded to Harold E. Smead. captain of the team and incapacitated center: Gerald Breen, halfback. Holland; Cecil C. Fogg, end. Jackson; Roger R. Grove, quarterback, Sturgis; Carl A. Nordberg, halfback, St Joseph; Don G. Ridler, tackle, Detroit; Claude R. Streb, guard. Birmingham; Jacob P. Fase, end, Grand Haven; Milton C. Gross, guard and captain-elect, Saline; George B. Handy, guard, Detroit; Ralph H. Brunette, tackle, Green Bay, Wis.; Abe Eliowitz, fullback, Detroit; Joseph Kowatch, fullback, Ionia; Francis H. Meiers. center, Muskegon; Robert C. Monnett, halfback, Bucyrus, Ohio; Myrton L. Vandermeer, end, Grand Rapids; and Thomas L. Woodworth. manager, Detroit.

Service awards were received by Robert F. Buskirk, Paw Paw; Paul C. Byers, East Lansing; Lester W. Exo, Holland; Louis H. Handler, Detroit; Harold E. Haun, Charlotte; Maynard D. Hosler, East Lansing: Kenneth F. Lafayette, Detroit; Clifford P. Liberty, Gladstone; Sam S. Schwartzberg, Detroit; Roy C. Warner, Detroit, and Donald L. Warren, St. Joseph.

Clark S. Chamberlain, captain of the cross country team and I. C. A. A. A. A. champion, was awarded a gold track shoe and a major "S." Minor letters were given Earl H. Steimle, Benton Harbor; Charles D. Price, East Tawas; Donald R. Conrad, Ithaca; Robert H. Elliott, Coldwater; Howard L. Galehouse, Battle Creek; and Stanley K. Frisbie, Fruitport. Marvin R. Horne of Detroit was given a manager's award.

Freshman Awards Announced

Those to receive numerals for work on the yearling team were: Robert G. Burns, Detroit; Edward P. Brady, Saginaw; Edwin G. Bolter, Grand Rapids; Edward H. Bittner, Holland; Leonard L. Bishop, Benton Harbor; Willard P. Barnes, Petoskey; Arthur Buss, Benton

Harbor; James H. Dekker, Muskegon; John H. Damoth, Allegan; Joseph Ferrari, Bessemer; James C. Gates. Redford; Earl G. Graffin, Dearborn; Carl H. Hansen, Stanton.

Don H. Harris, Bay City; Don Hultman, Grand Rapids; Morris L. Hodges, Cadillac; Jerry R. Jones, Bay City; Louis Jappinga, Holland; Peter L. Kuchik, Michigan City, Ind.; Roger Keast, Lansing; Russell M. Lay, Williamston; Bernard G. McNutt, Allegan (captain of the team); Anthony Miceli, Grand Rapids; Sam Madorsky, Mt. Clemens; Walter H. Pigorsh, Grand Rapids; Harold M. Ryan, Detroit; Peter B. Troy, Cadillac; Bert H. Tolley. Detroit; Kenneth Van Hoesen. Boyne City; Charles K. Warren, Waukegon, Ill., and John A. Young, Alma,



HANS B. KEYDEL

 $I^{\scriptscriptstyle N}$ announcing the plans for a large Michigan State college alumni dinner-dance, to be held at the Detroit-Leland hotel on the evening of February 12, Hans B. Keydel, newly elected president of the M. S. C. Club of Detroit, points out that he believes the current year marks the beginning of greater usefulness of alumni clubs to the College. Guests who have been invited to attend the Detroit meeting include, President and Mrs. R. S. Shaw, Coach and Mrs. James Crowley, Dean Marie Dye, President R. Bruce McPherson and Secretary Glen Stewart of the general alumni association.



Alumni Given View of College Dollar

Secretary Halladay Handles Institution's Business

 $I^{\rm F}$ you should send a check to the treasurer of Michigan State college tomorrow for a million dollars to be used unrestricted as the needs of the institution would dictate, the following will show you where every penny of it would be utilized.

When a business has a total valuation in dollars and cents of over seven and one-half millions and a total outlay in funds of over three and one-half millions, it is interesting to look into the matter more closely and learn not only where it comes from but where it goes. To be more specific, \$7.523,957.56 was placed as the value of Michigan State college for the fiscal year ending June 30, 1930, and \$3.522,415.33 was the amount expended to care for the needs of the institution for a like period.

Where does the College acquire such an amount and how does it plan its budget to sufficiently care for the multitudinous needs

of such a business?

> Sources of Income

It would perhaps be wise to learn where these funds come before we enter the problem of spending it. The greatest single income is of course from the State of Michigan. \$2.040,220.-37 or 56.8% of the total income is traced directly to the coffers of the state government. The aid received from the State in this manner is in the form of a mill tax. There is assessed upon the taxable property of the state each year for the benefit of the College one-fifth of a mill. The proceeds of this assessment are first to be used to defray the current expenses of the institution and for certain other designated purposes. Any unexpended balance after the current expenses of the fiscal year have been paid is available for building or other special purposes according as the State Board of Agriculture may direct.

The next largest source of income is from departmental sales and credits which provided last year 405,215,36 or 11.2% of the total income. These funds are derived from the experiment station, extension department, and all regularly constituted departments of the College.

A special revolving fund nets the College \$387,910.04 a year with the next largest source of income being the Federal government, Michigan State college being a land-grant institution. Including such funds as the Morrill, the Nelson, the Hatch, the Adams, the Smith-Lever, the Purnell, and the Capper Ketcham. Michigan State college was able to derive last year 341,386.58 or 9.4% of its total income.

One of the smallest sources of income and yet one that is commonly thought the largest is that of students. For the fiscal year ending June 30, 1930, students paid into the college treasury \$337,394.06, or only 9.3% of the total income.

The one source of income remaining is that of investments which last year netted the college 2.6% of its income, \$73,981.35. This is mostly from bond investments.

Now that the dollar, comparatively, has been acquired, the job is now to apportion it out among the many avenues of expense. It is divided generally into three classes: educational, administration and service, and other expenditures.

Agriculture still clings to the lion's share of the apportionment, getting

12.47 cents on every dollar although liberal arts and applied science is alloted 8.73 cents and the latter 8.11 cents on the dollar. Engineering and home economics are next in line with 4.88 cents and 2.5 cents received respectively for educational purposes. physical education receives 2.4 cents, veterinary 1.66 cents, library 1.56 cents, and summer school 1.03 cents out of every dollar spent for education. The total spent for educational purposes is 43.49 cents on every dollar.

The funds provided for administration and service find a multitude of avenues for expenditure. Administration receives 3.17 cents from the dollar with service

(Continued on page 11)



WHERE THE DOLLAR GOES FISCAL YEAR ENDING JUNE 30, 1930 MICHIGAN STATE COLLEGE. EAST LANSING, MICH.

Another Spartan Basketball Season Opens

Grove, Scott and Haga Acting as Captains

WITH the first four games of this year's basketball schedule out of the way. Coach Ben Van Alstyne is priming his charges for three home games and two hard road trips which include two games with Colgate in the East, and one each with Western Reserve and Oberlin in Ohio, all of which are to be met this month. Marquette, Kalamazoo college, and Central State Normal of Mt. Pleasant are the court fives who are to appear on the home floor before February 1.

Monday, December 29, the Spartans met a tartar in the highly touted Brigham Young five from Utah. Starting East before the holidays this fast



Roger Grove drops jootball togs to make his last appearance as a Spartan athlete.

traveling aggregation left little but a train of basketball wreckage from the Rocky Mountains, through the Midwest and into the East. They met their match in Van Alstyne's veteran five, however, and were forced to take a one point beating, 29-28.

Brigham Young presented one of the fastest offenses ever seen here. Forcing the play into State's end of the floor at all times, the Westerners were a constant threat. Van Alstyne's plays were clicking that night and backed up by the stellar guarding of the veteran pair. Wayne Scott of Fort Wayne. Indiana, and Art Haga, the Muskegon blond, it was State all the way except for a few minutes in the second period when Romney, brilliant Utah forward, found the bucket three successive times to give his team a five point lead. Rand Boeskool, elongated center, was inserted at this moment and on three successive plays chalked up six points to give State a lead that was never lost.

The scoring honors were equally

The Squad

Benjamin F. VanAlstyne. Coach Robert Carruthers, Manager FORWARDS
J. A. Barnard, Detroit
A. W. Duffield, Lansing
J. Gafner, Escanaba

- R. R. Grove, Sturgis
- M. S. Holcomb, Niles
- D. W. Pinneo, Grand Rapids
- R. S. Wykes, Grand Rapids

CENTERS

- R. D. Boeskool, Grand Rapids
- R. A. Bredin, Muskegon Heights
- W. Freebold, Fort Plain, N. Y.
- H. E. Haun, Charlotte
- G. E. McCaslin, Saginaw
- C. R. Porter, Grand Ledge
- J. Wojtello, Hamtramck

GUARDS

- A. J. Haga, Muskegon
- A. S. Kircher, Gladstone
- K. C. McAfee, Battle Creek
- E. W. Scott. Fort Wayne. Ind.
- W. L. Vondette, Saginaw

......

divided among Roger Grove and Art Haga. each getting three field goals and a free toss apiece. Dee Pinneo. successor to the midget honors left last year by Don Grove, tied with Boeskool for second honors with three goals each. Wayne Scott was having plenty of trouble in his own end of the floor but he did manage to slip through for one field goal and a free throw.



E. WAYNE SCOTT --the speedy Hoosier guard has an accurate eye for the basket

Win Over Ohio Wesleyan

State inaugurated the New Year with a 25 to 17 victory over Ohio Wesleyan. They trailed in the scoring during the first few minutes of play but soon went out in front to remain there the balance of the game.

Ohio Wesleyan's zone defense caused State trouble until the Spartans stalled and forced the visitors to abandon their tactics. State's defense allowed the visitors only four field goals, three of these coming in the first half.

Roger Grove led the scoring for State with nine points, while Duncan and Gandrup each made five for the Bishops.

Arthur Haga, the veteran blond senior from Muskegon is a dejense wall on the court.



Doctor John Rufi, who was head of the education department here during the years of 1926-27. has resigned from the faculty of the University of Missouri to accept a chair at New York university. He will accept his new post after the close of the 1931 summer school.

Where the Football Dollar Goes

IF IT were not for the gate receipts derived from varsity football, there would be little in the way of other athletic endeavors at Michigan State college under the present system of financing intercollegiate athletics at this institution.

Figures recently secured from authorities at Michigan State college in regard to the financial records of the several sports reveal that football and basketball alone are paying athletic enterprises at this institution, and with the new basketball court that was installed in Demonstration hall last season entered in the accounting, that sport must drop into the red ink and leave the gridiron sport standing out alone on the balance sheet with a margin of profit.

Survey Financial Report

According to the last report of H. H. Halladay, secretary of the college, and C O. Wilkins, comptroller, varsity football showed a net profit for the 1929 season of \$24.351.13. Aside from the fund derived from student fees this is practically the only contributor to the athletic fund after expenses incurred in promoting the sport have been paid. Student fees assure the athletic authorities of a neat sum every year. For the year 1929-1930 students paid into the athletic fund for coupon books to athletic contests \$35.535.00, or about a third of the total income.

Varsity basketball is the other means of deriving profit. This sport paid a net profit last season of \$2.268.12. This was brought about mainly through the added facilities to handle huge crowds that thronged the Spartan campus last winter to see Michigan State defeat such teams as Michigan. Notre Dame, Bethany. Marquette, and others. When the cost of the portable floor installed in Demonstration hall is added in, this sport, too, will show a loss for 1929.

The heaviest loser is varsity track. It cost the athletic department \$9,245.47 to promote this sport last winter and spring and with receipts amounting

1930-31 BASKETBALL SCHEDULE

| Dec. 5-M. S. C. 22, Cincinnati 8 |
|--|
| Dec. 13-M. S. C. 22, Michigan 32 |
| Dec. 29-M. S. C. 29, Bringham Young 28 |
| Jan. 1-M. S. C. 25, Ohio Wesleyan 17 |
| Jan. 9 Marquette at East Lansing |
| Jan. 16 Colgate at Hamilton, N. Y. |
| Jan. 17- Colgate at Hamilton, N. Y. |
| Jan. 23 - Kalama.oo Col. at East Lansing |
| Jan. 27-Central State at East Lansing |
| Jan. 30-Western Reserve at Cleveland |
| Jan. 31 -Oberlin at Oberlin, Ohio |
| Feb. 6 Alma at East Lansing |
| Feb. 10-Detroit at East Lansing |
| Feb. 14- Loyola at East Lansing |
| Feb. 21-Detroit at Detroit |
| Feb. 28 - Marquette at Milwankee |
| |

only to \$731.47, a net loss of \$8,356.89 was returned. Frosh track paid no revenue at all while it added \$368.04 to the wrong side of the ledger in operating costs.

A total of \$6.421.31 was paid out for minor sports, including cross country, swimming, wrestling, hockey, fencing, and tennis, while only \$968.70 was returned to the athletic fund in revenue from these sports.

Just a trifle over one thousand dollars were expended for intramural athletics, or about thirty-three cents per student.

Show Healthy Surplus

With all these expenses incurred and with only one sport showing an appreciable profit, the athletic association still has its head above water to a safe degree. There was a net gain in profits in 1929-1930 over the year previous of \$2,197.36, leaving the association at the close of its fiscal year some seventeen thousand dollars to the good.

With all these facts and figures one must come to no other conclusion than that football is still king, at least at East Lansing, for reasons other than its popularity as an intercollegiate sport. Football rules because it pays the way, as evidenced in the accompanying chart.

MICHIGAN STATE COLLEGE ATHLETIC ASSOCIATION INCOME AND EXPENSE STATEMENT

FOR THE YEAR ENDING JUNE 30, 1930

| | Income | Expense | Net Profit or Loss |
|----------------------------|--------------------|--------------|-----------------------|
| Cash on Hand July 1, 1930 | \$14.991.48 | \$ | \$14,991.48 |
| Student Fees | 35,535.00 | | 35,535.00 |
| Football-Varsity | 63,168.04 | 38,816.91 | 24,351.13 |
| Football—Frosh | 150.00 | 1,238.78 | 1,088.78* |
| Basketball—Varsity | 9,863.95 | 7.595.83 | 2,268.12 |
| Basketball—Frosh | 40.00 | 396.73 | 356.73* |
| Track—Varsity | 731.47 | 9,245.47 | 8,514.00* |
| Track—Frosh | | 368.04 | 368.04* |
| Cross Country | 3.50 | 1,503.17 | 1,499.67* |
| Swimming | 415.20 | 1,581.53 | 1,166.33* |
| Wrestling | 375.00 | 1,617.02 | 1,242.02* |
| Hockey | 50.00 | 574.49 | 524.49* |
| Fencing | 20.00 | 233.78 | 213.78* |
| Tennis | 105.00 | 1.125.49 | 1.020.49* |
| Baseball—Varsity | 3,926.00 | 6,186.63 | 2,260.63* |
| Baseball—Frosh | | 580.69 | 580.69* |
| Gymnasium Store | 1.348.90 | | 1.348.90 |
| General Expense | | 17,470.14 | 17,470,14* |
| Salaries | Defease That Based | 10,000.00 | 10.000.00* |
| Stadium Payment | 11010-1111100 | 15,000.00 | 15.000.00* |
| Total Income | \$130.723.54 | | |
| Total Expense | Astronom and | \$113,534.70 | |
| Cash on Hand June 30, 1930 | | | 17.188.84 |
| Net Profit | | | \$2,197.36 |

°Indicates Loss.

ALUMNI GIVEN VIEW OF COLLEGE DOLLAR

(Continued from page 9) taking the balance of 14.71 cents which is apportioned a mong the following: executive office 1.13, cleaning 1.77. heating 5.03, maintenance and repair of buildings 1.72, other services 1.84.

Under other expenditures which is alloted a total of 41.8 cents on the dollar, extension receives 18.34 cents, experiment station 15.75 cents, capital outlay 4.89 cents, miscellaneous secretary's orders 2.41 cents and miscellaneous president's orders 0.45 cents. Omicron Nu, honorary scholastic home economics sorority, announce the initiation of the following seniors at the regular fall term initiation held recently: Sylvia Hart, '31, East Lansing; Evelyn Zwemen, '31, East Lansing; Marion McDonough, '31, Bingham, and Gertrude Noeske, '31, Fouch.

A large study hall has recently been opened in the basement of the Woman's building, better known as the "Coop," for the benefit of both residents and non-residents of the building. Absolute quiet is required. So far, the room has proved very popular and there has been a marked decrease in library "dates."



"CLOSE BESIDE THE WINDING CEDAR"

A master radio set and an elaborate amplification system has been installed in the Union during the Christmas vacation, the gift of the class of 1927. The master control set was placed at the front desk in the main lobby, with amplifiers in the soda grill, cafeteria, and the main dining room on the second floor. Capacity of the loud speakers can be controlled from a dial at each of the several locations. The installation of this hook-up is in keeping with the policy of the Union to make the building as pleasant and entertaining a student center as is possible

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One of the last official appearances of Governor Fred W. Green during the month of December was before 90 members of the State College club, at their weekly luncheon in the club rooms on the third floor of the Union. His talk was very informal and gave members of the faculty a keener appreciation of the human interest which Ionia's "first citizen" has displayed in his official role during the past four years.

The Wolverine, student year-book, is again in financial difficulty. The Student Council recently passed a resolution asking members of the undergraduate body to support the 1931 yearbook because of the annual's value to the College as a chronicle of events. A return to a subscription basis and failure to secure advertising have been given as the chief obstacles to overcome.

Beta Alpha Sigma, a new local honorary society in landscape architecture and allied arts was recently organized on the Campus, the membership of which is open only to landscape architecture, floriculture and architectural drawing students. Professor C. P. Halligan was selected as the first honorary among the landscape faculty, Professor C. E. Wildon and Paul R. Krone from the floriculture division and Professor Chase Newman in architectural drawing.

Members of the Polo club plan to start indoor practice in the Demonstration hall as soon as the basketball floor is removed in February. It is hoped that a contest can be arranged later in the winter with the polo team of the Detroit Hunting and Riding club. A new feature of the military department is the inauguration of Saturday morning riding classes for advanced students of infantry and coast artillery.

Final touches have been put on the new Anatomy and Animal Pathology building during the Christmas vacation period and classes have been scheduled to meet there this term. The new structure, located near the Veterinary building, was designed by Bowd-Munson. Lansing architects, after the style in vogue among English building during the Tudor reign. The building is to be occupied by Dr. F. W. Chamberlain, head of the department of anatomy. and Dr. E. T. Hallman, head of the animal pathology department. Dr. Don Coburn, '24, pathologist for the United States Department of Agriculture will also have an office and laboratory in the new building. New equipment including tables, specimen cases and seats are installed in the new quarters for use of the anatomy department. Since the old anatomy building near the power house was razed last summer. members of the staff have been forced to occupy space on the second floor of the woodshop.

Among members of a commission appointed by Wilber M. Brucker, while still attorney general, which will study the election laws of the state and make recommendations for changes if deemed advisable, is John T. Caswell, assistant professor of history and political science. The commission is expected to inquire especially into the laws effecting primary elections and the method of applying recall provisions to city officials.

The annual J-Hop, sponsored by the Junior class will be held at the Masonic temple in Lansing, Friday evening, February 6, according to Frank Conover, president of the class. The annual Varsity club party will be held in the same room the following evening. In keeping with a recent policy there will be no formal banquet, but all fraternity houses will be hosts to many guests preceding the annual prom.

Cecil Fogg and Don Ridler, line stars of Crowley's football team this past fall, played on the mid-west team at the Dallas, Texas classic, New Year's day. Bob Zuppke, coach at the University of Illinois, invited the popular Spartan players to join his team of 1930 seniors, who participated in the charity game.

Recognition of the Alpha society, a fraternity said to be dominated by Jewish students, was recognized late last term by the faculty after the Student Council had decided it was a question for the administration to decide. Officers of the new fratenity are: M. A. Huberman. Detroit, president; Louis Handler. Detroit, vice-president; M. J. Siegel, Detroit, secretary-treasurer. The executive committee is composed of the officers and S. B. Fletcher, Lansing, and Harry Feldman, Boston.

Nearly 300 field workers of the College attended the 18th annual extension conference on the Campus the latter part of December. County agricultural agents, home demonstration agents, county club agents and extension specialists attended the general sessions. A social feature of the week was an extension conference Christmas party in the Union.

A contest to name the new co-ed dormitory was sponsored by the Associated Women Students' council the last few weeks of the fall term. While contestants had until January 5 to submit their entries the winner of the \$10 prize and the choice of names submitted has not been announced by the judges as the RECORD goes to press.

Professor C. G. Fulkerson has taken over the management of the Freshman composiiton section of the English department since Mrs. Norma L. Roseboom, head of the section, began an extended leave of absence due to illness. To aid in the instructional work, G. J. Ranson has been added to the staff as instructor in freshman work. Mr. Ranson received his master of arts degree at the University of Kansas, and has had teaching experience at Colorado college. Colorado Springs, and at the University of Kansas.

With a total enrollment of 1,588 students this term, the English department is intent on holding the record for enrolling the greatest number of students of any department of the college. A total of 4,745 students were enrolled last year while the chemistry department came second with 3,501.

Early Efforts in Pedagogy

By Frances Ayres, '25

THE other day we ran across the most intriguing bit of paper. We were digging around among the yellowed, musty bills, accounts and vouchers in President Abbot's file boxes when presto—this priceless memorandum appeared before out eyes. After bustling about to obtain sufficient framework for this veritable etching, we set about to write it up for the RECORD readers. First for the background.

Back in the struggling '70's and '80's the long vacation on the Campus occurred between November first and March first. During this period students went out to little red country school houses all over Michigan to teach, thereby earning a large portion of their college expenses.

Students Enlighten Home Folk

Their mission was twofold. Added to the regular job of pouring out knowledge was the equally important task of carrying news and truths of the college into farm communities that were either ignorant of or antagonistic toward the efforts of the little school in the woods.

Can't you just picture the scenes that took place evening after evening as the family sat grouped about the household Round Oak—the farmer questioning, deriding—the teacher discussing, defending? Incidently these sessions should have proved for a student an education in themselves. Here he learned how to diplomatically argue in behalf of his ideas and beliefs.

It was not an uncommon sight at the end of this so-called vacation to see the erstwhile teacher returning to college



THEOPHILUS C. ABBOT Formative President of the College from 1862-1884

followed by three or four of his oldest pupils who had become his eager apostles and were planning to continue their education at their pedagague's Alma Mater. It would be impossible for us to estimate the value of these student-school masters to the College.

There was one group that did realize their importance however, and this was the college faculty. Each member made a conscious effort to impress the embryo teacher with his great responsibility and opportunity. Here was a school little known but doing a great work ; here was all Michigan filled with ambitious youth and here were representatives of the school who could go out, meet and convert in that peculiarly intimate fashion that was not possible in any other way.

President Abbot Knew Pedagogy

The stage is set and it is now time to reveal the "find." In 1878 President Abbot evidently gave a talk just before vacation, for on some sheets of ordinary letter paper he had outlined his remarks and headed them "Notes on Teaching School." They are written in his small, careful script with nice attention to standard outlining form. It isn't the manner of writing that matters, but rather the great truths stated that underlie the art of pedagogy even today.

He begins "Complete elevation to the winter's work is the first essential and out of such complete devotion comes energy, sympathy with those to be taught and patience." He adds that patience is better than force.

Order is taken up first, "Do not do anything in disorder. Interest is better than authority in keeping it. Order is a means, not an end." He lists the three objects of school teaching simply and concisely—discipline of mind, knowledge, morals and manners. They include just about everything, don't you think?

"Teach how to study by examining the assigned lesson with the class before dismissing the class to learn it." Many modern teachers could well take a "tip" from the president on this point, and isn't this true? "Do not be tempted to give over much time to higher classes to the neglect of the essentials which are reading, spelling, penmanship and arithmetic."

He ends like a sharp shooter with one piercing thrust, "Manners are taught by example."

It's just a bit of paper, your Honors, probably penned in a hurry before going into chapel and stuffed carelessly into the file box upon returning. But how it does reveal President Abbot the thinker, the teacher, the friend.



SECRETARY H. H. HALLADAY

COMING to the College as secretary and business manager April 1. 1922, H. H. Halladay has developed an efficient system of institutional management. While his duties are many and varied the secretary has charge of all property belonging to the College and the disposition of the budgets under the State Board of Agriculture.

Through his efforts C. O. Wilkins. comptroller, was added to the business staff of the College, and all accounts have his judicious scrutiny.

MARRIAGES

ANDERSON-RAYMOND

J. R. Anderson, '30, and Almeda Raymond were married in the McCune chapel of the Peoples church, East Lansing, November 21, 1930.

BROWN-JORGENSEN

William Brown and Virginia Jorgensen, '26, were married August 24, 1929. They are living in Detroit at 111 Chandler avenue.

FISHBECK-BARTELS

Kenneth Fishbeck, '28, and Ruth Bartels were married in the little chapel of the Peoples church, November 22, 1930. They are living in Lansing at 2701 East Saginaw street. Fishbeck is assistant sanitary engineer in Lansing.

GRIM-GOREN

Bohn W. Grim, '27. and Virginia Lee Goren were married October 4, 1930, at Sturgis, Michigan, where they are making their home.

PIERCE-EVANS

Fred W. Pierce, '28, and Mary E. Evans (U. of M., '30) were married at the Presbyterian church in Ann Arbor, on October 18, 1930. They are living in Saginaw. S.

ALUMNI AFFAIRS

1913

Robert E. Loree, Secretary East Lansing, Mich.

James A. McClintock is hortculturist and associate plant pathologist in the agricultural experiment station. University of Tennessee. His address is 2020 Ogden avenue, Knoxville, Tennessee.

E. G. Culver is in the electrical supplies and equipment business at Manistique. Michigan.

Alfred Eddy is mixing teaching with agricultural pursuits at Port Hope. Michigan. His address is R. F. D. No. 2.

Homer Ward is VanBuren county highway engineer. His address is 414 Pine street. Paw Paw. Michigan.

Leroy H. Thompson is manager of the Philippine Power and Development company, P. O. Box 447, Manila, P. I. His residence is at 136 Concepcion street.

Franklin D. Burus is an insurance broker. Homewood, Illinois. His office is in the Corn Exchange Bank buildin₃.

N. D. Simpson may be reached in Detroit, Michigan, at 1390 Cadillac.

James A. McClintock is horticulturist and associate plant pathologist for the University of Tenessee agricultural experiment station at Knoxville. He lives in Knoxville at 2020 Ogden avenue.

Martin DeGlopper, engineer of materials and equipment of the state highway department, will assume the additional duties of business manager of the department January 1, succeeding to the position now held by Frank Fitzgerald, recently elected secretary of state.

Earl C. Kiefer has moved in Decatur, Illinois, to 1299 W. Macon street. He is head of the mathematics department at the James Milliken university.

Harold M. Jacklin is associate professor of automotive engineering at Purdue university. He and Florence Hayes Jacklin live in West Lafayette at 111 Fowler avenue.

Frank Sandhammer is teaching in the Senior high school in Miami, Florida, and living at 425 W. 19th road.

Roy S. Smoker is a salesman for the Yale University Press, and lives at 1596 E. San Fernando street, San Jose, California.

Ralph G. and Iva Wilson ('11) Chamberlain give their new number as 5078 Cumberland boulevard, Milwaukee.

Francis C. Gilbert is city forester in charge of parks and boulevards in Royal Oak, Michigan. He lives at 609 Baldwin avenue.

Burton L. Fralick is vice-president and secretary of the Universal Manufacturing company, Novi, Michigan. He lives at 12048 Cherrylawn, Detroit.

Alumni Luncheons

- DETROIT—Every Tuesday noon, 12:15, main dining room, Masonic Temple.
- LANSING—Every Monday noon. 12:00, Estill's cafeteria, Elks Temple.

GRAND RAPIDS—Every Monday noon, 12:15. cafeteria, Elks Temple.

Wallace J. Dubey is assistant manager of the Union Guardian building. Detroit. He lives at 663 W. Hollywood avenue.

1914

Henry L. Publow, Secretary East Lansing, Mich.

Harold W. Delzell is in the development department of the Goodrich Tire & Rubber company, Akron, Ohio.

Harry Kaplan is teaching in New York City at the John Erisccon Junior high school. His residence is at 36 86th street, Brooklyn, New York.

H. L. Staples is with the Keeler Brass company, Grand Rapids. He lives at 956 Lakeside drive. S. E.

Abe M. Vatz is a merchant in Wheeling. West Virgnia. His business address is 1144 Main street. and he lives at 4 Echo Terrace. Woodsdale. West Virginia.

Frank W. Barnett is a mechanical drawing instructor at Piedmont high school, Piedmont, California.

Mrs. Leda Moore Reed is an instructor at the Junior Vocational high school, Grand Rapids. Her address is 55 Cutler street, S. W.

Mrs. H. M. Lewis (Roberta Collier) has moved from Gaylord to 603 S. Laurel street, Royal Oak, Mich.gan.

James T. Seibert is superintendent of the lumber department of plant number ten of the Fisher Body corporation, Detroit. He lives at 14030 Marlowe.

Benjamin J. Holcomb is associate pastor of St. Marks M. E. church, 10325 E. Jefferson avenue, Detroit. He makes his home in Plymouth, Michigan.

Theodore R. Hinger is treasurer and factory manager of the Universal Manufacturing company, Novi, Michigan. He lives in Detroit at 14189 Seymour avenue.

Ralph J. Dodge is efficiency engineer for the Coleman Lamp and Stove compeny, Wichita. Kansas. He lives at 1658 N. Hillside.

Francis R. Kenney is an agricultural economist with offices at 1205-7 National City Bank bldg., Los Angeles, California. He lives at 1424 Muscatel avenue, Rosemead. Gerald H. Mains gives his new address at R. 1, Murrysville, Pennsylvania. He is a chemical engineer with the Westinghouse company.

George R. Wheeler writes: "My name appears on the faculty roll at Central State Teachers college, Mt. Pleasant, Michigan, as assistant professor of chemistry. This year I am on leave, and am doing graduate work at Columbia. I see a few M. S. C. people here in New York occasionally. Among them are E. C. Lindermann, '11. Elda Robb, '16, and Jimmie Holland. '13. My address for the year will be John Jay Hall, Columbia University. New York. New York.

1916

Herbert G. Cooper, Secretary 1125 S. Washington Ave., Lansing, Mich.

Henry G. Oakes is assistant construction engineer with the Michigan State highway department. Lansing. His address is 1710 Stirling avenue.

Paul V. Tower is a landscape architect living at 28 Moreland avenue, Pontiac, Michigan, Mrs. Tower was Frieda Mary Meisel.

F. V. Leonardson, a former football star, lives at 3502 Linwood avenue. Dallas, Texas.

Royal G. Bigelow is professor of engineering at Northwestern university and resides at 2644 Lawndale avenue. Evanston, Illinois.

Floyd Bunt lives at Niles Center. Illinois.

Alice E. Smallegan is an industrial missionary at Ranipet. N. | Arcot. South India.

George W. Bloemendal may be reached at R. 5, Holland, Michigan.

Glen W. Quick is sales engineer for the Mullins Manufacturing corporation, Salem, Ohio. He lives at 380 Fairmont anyeue, N. E., Warren, Ohio.

Helen Wright Hammond (Mrs. E. R.) gives her address as 854 College avenue. LaSalle, New York.

1917

Mary LaSelle, Secretary

420 W. Hillsdale St., Lansing, Mich. Dr. C. C. Fry is at the Medical col-

lege, Yale university, New Haven, Connecticut

G. G. Dicker writes that his address is 50 Brompton road, Garden City, New York.

Robert H. McWilliams is a sales engineer for the York Ice Machinery corporation, R. 7, York, Pennsylvania.

Mary LaSelle lives in Lansing at 420 W. Hillsdale street, and teachees in the Walter French school.

Mrs. W. B. Williams (Emily Lucile Castle) resides at 939 Lakeside drive, E., Grand Rapids.

THE MICHIGAN STATE COLLEGE RECORD

Daniel Lee Mead is a construction engineer with the Owen, Ames. Kimball company. 603 Paris avenue. S. E., Grand Rapids.

W. N. Cornelius can be reached care Shell Petroleum corporation, 1214 Dime Bank building, Detroit,

George W. Beckwith is teaching at Ovid. Michigan.

H. A. Andrews lives on a farm near East Lansing.

Howard V. Jordan may be reached at the New Mexico A. & M. college, Las Cruces, New Mexico.

1918

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

Harry K. Wrench has been named the new manager for the Lowell Gas company. Lowell. Massachusetts. He will soon become general manager of the corporation's properties in New England.

Lytton Calrow is employed by the Great Western Stove company of Leavenworth, Kansas. His residence is at 1397 Chelmsford street. St. Paul, Minnesota.

Holmes L. Froelich ownees a radio shop in Davison, Michigan.

Glen I. Blades is division manager for the Federated Fruit and Vegetable growers. 1301 Temple building. Rochester, New York. He lives at 31 Rhinecliff drive. John E. Kotila is a plant pathologist in the office of sugar plants. Bureau of Plant Industry, Washington, D. C.

E. Mabell Higgins Brockway (Mrs. James T.) gives her address as 6930 Appoline street, Dearborn, Michigan.

George R. Hayes is a civil engineer with the State Highway department, and lives in Lansing at 222 N. Holmes.

H. C. Diehl is a physiologist with the U. S. Horticultural Field Laboratory at Wenatchee, Washington. He lives at 404 N. Garfield street.

R. J. DeMond is a state highway engineer with officees at 808 Central State Savings bank, Jackson, Michigan. He lives at 730 Fifth street.

1919

Paul Howell, Secretary 1010 Braman St., Lansing, Mich.

Richard R. Walker is teaching in the science department of Cass Technical high school. Detroit. His address is 14000 Whitcomb street.

Claudice M. Kober teaches in the Carl Schurz high school, Chicago. Her address is 1257 Arthur avenue, Chicago.

Stanley F. Wellman is a salesman with the Michigan Elexator Exchange. Lansing, He resides at 408 Allen street.

Mrs. Grant Fox (Ruth Musselman) may be reached through general delivery, Leamington, Ont., Canada. 1920

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

Paul O. Yull is credit manager of the F. B. McKibbin company, 120 W. Ottawa street, Lansing. He lives at 1436 Cambridge road.

C. R. Wiggins is metallurgist with the Republic Steel corporation, 118th street & Burley avenue, Chicago. His residence is 218 156th Place, Calumet City, Illinois.

W. E. Webb is superintendent of parks at Mitchell, South Dakota. His address is 1105 E. Fourth avenue.

H. B. Veneklasen is superintendent of schools at Three Oaks, Michigan.

M. C. Townsend is a florist in St. Louis, Michigan. He lives at 311 Michigan avenue.

Don N. Richardson is a distributor of oxygen and acetylene gas at Owosso, Michigan.

R. A. Mosher is an insurance and real estate agent in Lansing. His address is 740 Princeton avenue.

Albert N. Nesman is superintendent of schools at Unionville, Michigan.

R. N. Wright is district inspector of the Merchants Despatch. Inc., 239 M. C. Depot building. Detroit. His residence is at 1108 Grant street, Ypsilanti, Michigan.

A. W. Winston is a metallurgist and superintendent of the magnesium fabrication department. Dow Chemical



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To acquaint yourself with what is being done in college building, write for our brochure showing examples of modern collegiate architecture. Address Dept. 2255C, Service Bureau, Bedford, Indiana. company, Midland, Michigan. He lives at 1609 Sayre street.

Mrs. Clarence Johnson (Marjorie Williams) lives at 103 Elder street. Schenectady. New York.

Mrs. George Benedict (Bertina Cole) lives in East Lansing.

Word has reached the alumni office that Irene Wightman Matson died in Gunnison. Colorado, July 4, 1926, after a long illness.

Joseph W. Wagner is a farmer at Williamston, Michigan.

Earl R. Van Leeuwen is an entomologist with the United States Bureau of Entomology, Moorestown, New Jersey. His residence is at 300 Midway, Riverton, New Jersey.

Raymond H. Stewart is a chemical engineer with the Prest-O-Lite Co., Inc., Speedway, Indiana, He lives at 801 Linwood avenue, Indianapolis.

Mrs. A. J. Steiner (Ethel Snyder) resides at Russell Cave Pike, Lexington, Kentucky.

Guy C. Shumway is a gas engineer with the Consumers Power company. His address is R. F. D. No. 2. Lansing.

Mrs. Calvert M. Carruthers (Dorothy Scott) lives at 142 S. Christina street. Sarnia, Ont. Canada.

Anna M. Schreiber's address has been changed to 1207 W. Oregon street, Urbana, Illinois.

C. J. Schneider is production manager for the Arctic Dairy Products company. Detroit. His residence is 14382 Rutherford avenue.

Bertha Oechsle is at present on leave of absence from her duties at the Rothenberg Junior high school, Cincinnati, Ohio. Her address is 204 S. Cedar street, Albuquerque, New Mexico.

Alice Mae Vernon lives at 33 N. Harrisburg avenue. Atlantic City. New Jersey.

Mrs. E. Stenmark (Ellen May Cockerton) lives at Polo. Illinois

Marian L. Normington is head of the department of home economics at West Texas State Teachers college, Canyon, Texas.

Harold N. Mills is a chemist with the Tennessee Copper & Chemical corporation, Lockland, Ohio. His address is 8456 Curzon avenue, Cincinnati, Ohio.

George H. Mills is principal of the Cadillac high school. He gives his address as 707 E. Chapin street, Cadillac, Michigan.

Edward A. Malasky is an agricultural instructor at Lakeview school. Battle Creek, Michigan. He lives at 70 Woolmough street.

Edward J. Leenhouts is general agricultural agent for the new York Central lines. His address is 8339 S. Sangamon street. Chicago, Illinois. His office is 331 La Salle street Station.

R. M. Leddick is consulting engineer Equipment & Engineering company, Detroit. He lives at 11359 Nardin avenue.

I Robert H. Gorsline is superintendent ago of schools at Hanover, Michigan.

INDIANA LIMESTONE COMPANY General Offices: Bedford, Indiana Executive Offices: Tribune Tower, Chicago Mrs. Wade H. Scofield (Florence Kugel) lives at 444 E. Tompkins street, Columbus. Ohio.

Ralph B. Kling is an engineer with the Western Electric company, 2500 Broening highway, Baltimore. Maryland. His residence is at 3309 Liberty Heights avenue. Baltimore.

Edward Louis Karkau is a power sales engineer with the Consumers Power company, Pontiac, Michigan, His residence is at 230 Oneida road.

Arthur H. Joel is professor of soils and head of the department, University of Saskatchewan, Saskatoon, Canada. His residence is at 709 University drive. Saskatoon.

Arnold M. Hopperstead is a residence maintenance engineer located in the Fletcher building. Alpena. Michigan. He lives at 121 Hitchcock street.

J. S. Holt is general superintendent of the Seattle Gas company. Seattle. Washington. His residence is at 3715 47th Place, N. E., Seattle.

Howard P. Haight is district inspector of the Merchants Despatch, Inc., with offices in the N. Y. C. freight office in Syracuse, New York. His residence is at 348 Orwood Place, Syracuse.

Oliver M. Green is practicing law in Pontiac with offices in the State Theater building.

Mrs. R. S. Clark (Frances Granger) lives in Jackson, Michigan, at 315 N. Grinnell street.

E. Genevieve Gillette is a landscape architect in Detroit. Her address is 2700 Rochester avenue.

George A. Garratt is assistant professor of forest products at Yale university. He and Barbara Lillie Garratt live at 37 Caroline street, New Haven, Connecticut.

Bert J. Ford is assistant superintendent of public instruction for Michigan and lives at 531 Ann street. East Lansing.

Glenn W. Dell is a student in the dental school of the University of Indiana and is now living at 2716 N Meridian street, Indianapolis. Indiana. His home address is Holt, Michigan.

Dr. Gerard Dikmens is a veterinary parasitologist in the zoological division of the United States department of agriculture, Washington, D. C. His residence is 1812 K street, N. W., Washington, D. C.

Rex Davis is purchasing agent for the Allied Engineers, Inc., Jackson, Michigan. His residence is 612 Union street, Jackson.

Walter H. Cudaback is in the poultry business and can be reached at Box No. 181, Napa, California.

Mrs. C. M. Yates (Margaret E. Gardner) is living in East Lansing at 540 Wildwood drive.

Mrs. George Benedict (Bertine Cole) resides on Hillcrest avenue, East Lansing.

Rodger S. Clark is a civil engineer with the Allied Engineers, Consumers building, Jackson, Michigan His resi-



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L. J. Bottimer is assistant entomologist with the United States Department of agriculture, 320 9th avenue, Haddon Heights, New Jersey.

Mrs. Selby A. Harrington (Gertrude M. Beebe) is a home economics instructor in the Miller nitermediate high school, Detroit. She lives at 2460 Fullerton avenue.

Chester G. Adler is an industrial gas engineer with the Consumers Power company in Lansing. His home address is 919 Verlinden avenue.

Cecil J. E. McLean is an hydraulic engineer with business address at 421 W. 1st street, Dixon, Illinois His home is at 617 N. Ottawa avenue, Dixon.

Agnes Mildred McKinley lives at the Stone Apts., 222 E. First street, Flint, Michigan.

Stanley Johnston is holding his old job as superintendent of the Michigan State college experiment station at South Haven.

Mrs. S. E. Johnson (Mary L. Larrabee) lives at 12012 Birwood avenue, Detroit. P. G. Lundin is assistant state club leader with office in Room 18, Agricultural building, Michigan State college. His residence is at 406 Charles street, East Lansing.

L D Kurtz has changed his address in Syracuse, New York, from 225 Hubbell street to 317 Roosevelt avenue.

Hans B. Keydel, president of the Detroit M. S. C. club, now lives at 770 University place. Grosse Pointe.

Leland N. Jones is a resident engineer for the Michigan State highway department at Crystal Falls. His residence is at 320 S. Fourth street, Crystal Falls.

Maurice G. Jewett is chief engineer of the chain division of the Chain Belt company, Milwaukee, Wisconsin. His address 1230 39th street. Milwaukee. He is also engineer in charge of metallurgy and research

Arthur W. Jewett, Jr., is an undertaker, florist, and nurseryman at Mason, Michigan.

Karl J. Hendershott is manager. secretary and treasurer of the Lake Chelan Fruit Growers association, Chelan. Washington. Edward O. Hach is a research engineer for the Carrier-Lyle corporation, Newark, New Jersey. His residence is at 106 Orange avenue, Cranford, New Jersey.

Edith M. Graham is an instructor of nutrition at East Orange, New Jersey. She is now located at 67 Smith Munn avenue, East Orange.

Cecile N. Gebhart is in home economics extension work at Penn State. Her home is at 311 Centre street, Williamsport, Pennsylvania.

Watson E Fowle is instructing in the senior high school, Traverse City, Michigan. His residence is 325 Boardman avenue, Traverse City.

Mrs. H. J. Plumb (Una F. Folks) resides at 728 Morrell street, Jackson, Michigan,

William A. Erbach is secretary and treasurer of the Athens Canning company, Athens. Wisconsin.

Mrs. Stanley Johnston (Laura Collingwood) lives at South Haven, Michigan, and is busy looking after the family.



