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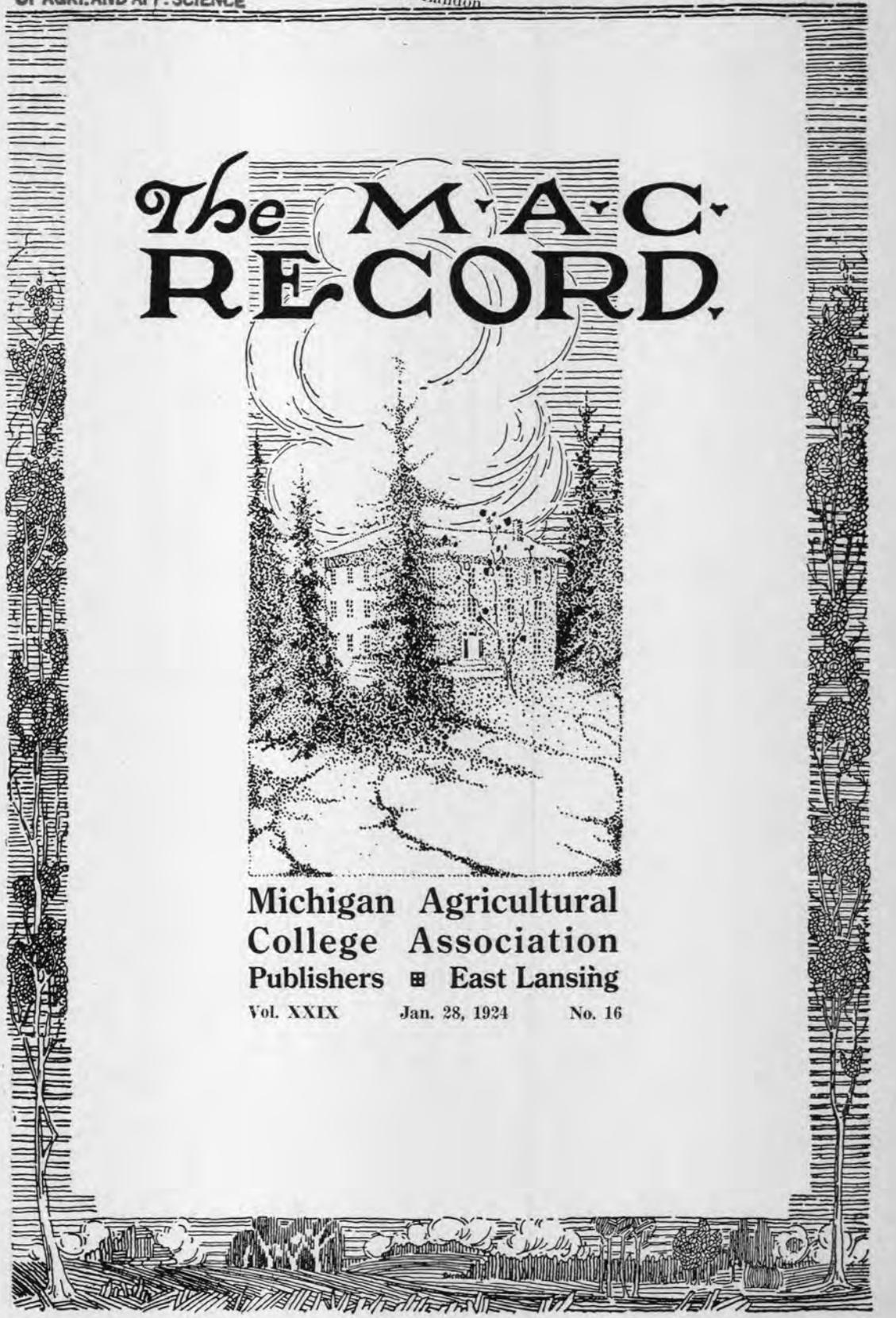
Mrs. Linda E. Landon

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ROBERT J. McCARTHY, '14, editor

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3 Faculty Row, East Lansing, Mich.

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THE M. A. C. RECORD

APPROVE ENGINEERING STATION

State Board Accepts Recommendation for Establishment of New Unit at College

In the minutes of the meeting of the State Board on January 19, there is the following: "Upon recommendation of Mr. McColl the board authorized the establishment of an engineering experiment station." This was the culmination of an effort which extended over a period of seventeen years on the part of Dean Bissell to have M. A. C. as well equipped to carry on its work as are other colleges in the land grant class. In his recommendation, presented by Mr. McColl, Dean Bissell calls attention to the fact that there are already twenty-four land grant colleges with engineering experiment stations and he draws attention to the fact that when federal funds are supplied, as they probably will be, for these projects the college would be the loser if such a station were not in existence.

In a request presented during November Dean Bissell outlined the objects of such a station and the work which is now being accomplished by similar departments in other colleges. Not only does the term imply organized and compensated research work on engineering problems but it also comprehends the publication of results so that people of the state and engineers in general may profit from the efforts of the staff.

In discussing the new venture of the college Dean Bissell said: "The engineering division cannot be complete, as an educational unit unless it has the incentive necessary for research and experimental work. We have the equipment, both as to laboratories and personnel, to carry out important work in the interests of industry. It would not be necessary that we restrict our activities to the field of the technical engineer. We should cooperate

with the agricultural experiment station on such problems as come to it which our staff is technically fitted to work out. We can work as the complement of the university in the work it undertakes along research lines. In fact our sphere is well fixed and our facilities so organized that we can fill a definite need in the state as we are permitted to grow and take on increased work."

In his recommendation to Acting President Shaw he wrote: "I do not feel that I will have done my full duty to the college until the step recommended is taken." Dean Bissell helped to establish the engineering experiment station at Iowa State college in 1903 and it has been his purpose ever since joining the staff at M. A. C. to see that similar action was taken here.

The plans and prospects of the engineering experiment station are best outlined in Dean Bissell's report to Mr. McColl which the latter had requested and which was presented to the State Board for decision. It follows:

1. Organization. I recommend that, for the time being, the direction of the activities of the proposed experiment station be vested in the dean of engineering, with an advisory council composed of the professors of civil engineering, drawing, electrical engineering, mechanical engineering and chemistry and the president of the college.

2. Research work of the station shall be conducted by the members of the teaching staff, by graduate students, by special research assistants, employed therefor, by cooperation with outside interests, as the circumstances may require and the funds available permit.

I would expect best results to be obtained from the services of competent full time research assistants and hope that eventually funds will be provided for securing these men.

3. Experiment station funds. To be provided by annual appropriation, as to other college activities, made by the Board of Agriculture, on the basis of a budget, prepared by the council and approved by the president and the Board as is usual for department allotments.

4. Present status of engineering research at M. A. C.

(a) Funds. The sum of \$3,000 has been allotted to the dean of engineering for research work.

(b) Projects. This sum has been assigned to certain projects as follows:

No. 1. The Value of Mixed Fuels for Domestic Heating	\$750
No. 2. Study of Defects in Casehardened Special Steels	\$750
No. 3. Modulation in Radio Transmission	\$500
No. 4. Infiltration of Air in Heating and Ventilating	\$500
Contingencies	\$500
Total	\$3000

5. Project No. 1 is conducted by Professor H. B. Dirks, of the mechanical engineering department and Mr. N. B. Morrish, half-time graduate assistant in the same department.

Project No. 2 is conducted by Professors H. B. Dirks and C. R. Wiggins of the same department.

Project No. 3 is conducted by Professor A. R. Sawyer of the electrical engineering department and Mr. R. G. Rayner, half-time graduate assistant in the same department.

Project No. 4 is conducted by Professor H. B. Dirks as a feature of cooperation with the Bureau of Mines at

the request of Dean Paul F. Anderson.

6. Plans for the future. These will depend very largely on the funds made available. Some of the present projects, possibly all, will carry on into another year.

7. Assuming that the work will justify the effort and warrant the funds, and with the policy of growing gradually, I am suggesting that for the year 1924-25 the station budget should be \$6,000, for the year 1925-26, \$10,000, etc.

8. Scope of work. (Titles of bulletins issued by similar stations at other land grant colleges were enclosed with the recommendation.)

9. This kind of work at M. A. C. will develop with time and the cooperation of the authorities into something very useful, whether considered from the standpoint of the information produced and published, or from that of the value of research work as a stimulus to the abilities of staff and students.

SOUTHERN ALUMNI AT FARM MEETING

The Association of Southern Agricultural Workers held its annual meeting in Birmingham on January 10, 11 and 12. The following M. A. C. men were in attendance:

C. B. Smith, '04, chief of extension service, Washington, D. C.

O. L. Ayrs, '02, agriculturist, Tennessee Coal, Iron and Railroad company, Birmingham, Alabama.

F. D. Stevens, '03, professor of farm economics, University of Louisiana, Baton Rouge, Louisiana.

J. L. Thomas, '05, dairy specialist in extension service, College Station, Texas.

Men of the class of 1925 have decided that their partners at the J-Hop on February 15 shall not be supplied with the customary flowers.

Detroiters' Doings

One of the most delightful gatherings of the Detroit M. A. C. bunch was the informal dancing party held at the Twentieth Century club January 17. More than fifty couples were present and all expressed the opinion that "Home Sweet Home" came all too soon. During the intermission new members to the board of directors to take the places of Al Barron, G. V. Branch and L. T. Clark retiring, were elected. Al Barron, '16, Don Stroh, '15, and Jack W. Owen, '23, were the men elected. A president and secretary will be elected from the board of directors in the near future. Members of the club were unanimous in their vote favoring another party for the latter part of February. Plans are already under way to hold it on February 28. M. A. C. people in Detroit are urged to keep this date open and lay their plans for a real get-together.

So fast has competition in the Inter-collegiate Bowling league become that the

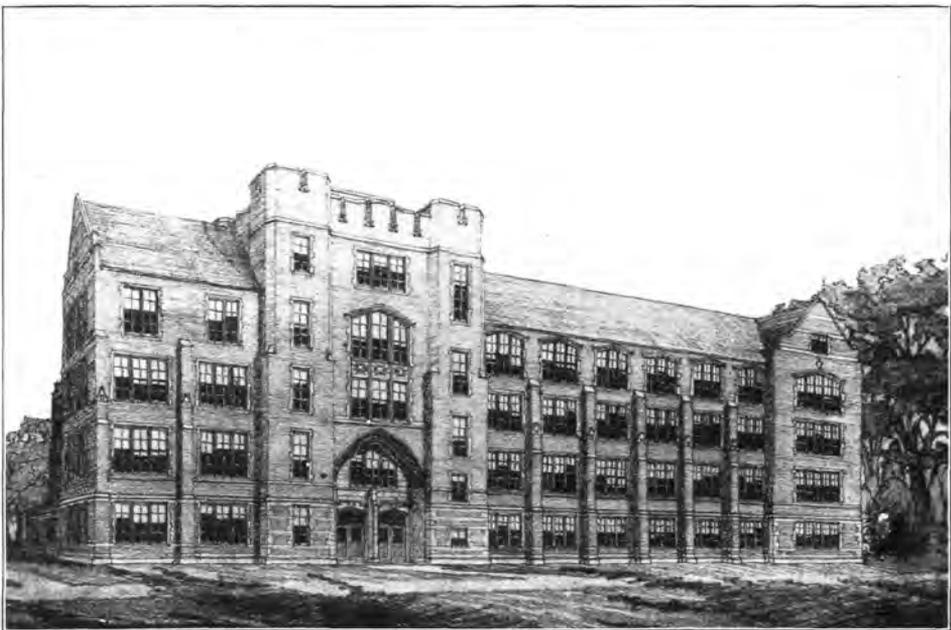
league has been reorganized and M. A. C. bowlers form one team of a six-team league composed of M. A. C., Wisconsin, Carnegie Tech, Cornell, Harvard, and Purdue. In the first match under the new league Wisconsin bowlers copped three games straight from the M. A. C. five, but only by six pins or less each game. E. J. Manuel, w'16, J. P. Smith, '16, I. N. Reed, '16, Leo Digby, '13, and Oscar Marx, '17, composed the M. A. C. team. The team rolls each Wednesday night at the Garden Alleys on North Woodward avenue.

George E. Starr, '96, was a speaker on the program of the Detroit Market Gardeners annual banquet. He called attention to the work of the College being done for that part of the agricultural population of the state.

Emma Zieske, '16, is now teaching domestic art in the Detroit Public Schools. Her home is on Watson street.

M. M. McCool, professor of soils, was elected president of the American Soil Survey association at its annual convention.

HOME ECONOMICS BUILDING TO BE OPENED NEXT WEEK





VIEWS AND COMMENT



Dean Bissell says: "M. A. C. cannot fulfill its mission as a well-rounded educational institution without giving its engineers the opportunity of doing or studying under those who are doing research work. Research should be encouraged and some incentive given to those who have the desire to carry out studies into the engineering problems being met every day in industry, farm, and home. We have the equipment and personnel to carry out considerable work of importance. We need to do that work to keep abreast of the times."

In the recent approval by the State Board of a recommendation for an engineering experiment station submitted by Dean Bissell through Mr. McColl is an important step the value of which will not be generally realized until some of the results of the work are made known. The experiment station under the dean of agriculture has made notable contributions to the science of agriculture and its various branches. It is supported in part by the federal government and the experts of the federal department of agriculture cooperate with it. The engineering experiment station will be even more of a college project. There are no funds to aid in its support and, although certain departments of the government cooperate closely with the stations now established, it is mainly in the matter of advice and requests for assistance on problems.

There is but a small appropriation available to carry out the work outlined for this year, it is the hope of the department that this will grow as its efforts produce results. The money was allotted and certain work authorized before the experiment station was formed. The funds were placed in the hands of Dean Bissell for disposal on the projects he had suggested and work was started on these problems during the fall.

As an addition to the facilities of the college the engineering experiment station ranks high, it places M. A. C. upon the same plane as other land grant institutions, it adds strength to the department of engineering, which has often been lacking in popular sympathy, if not in efficiency. It gives the department a touch with the outside world which has hitherto been almost impossible, it insures a better education for M. A. C. engineers. To bring about this betterment has required the active efforts of Dean Bissell over an extended period of years. With J. R. McColl, '90, experienced as a professional engineer and a teacher, on the State Board he has found sympathetic support for his proposal. An engineering experiment station means a more efficient engineering division, thus a more productive college.



The Holcad, in a recent number reporting a wrestling match between the M. A. C. and Ohio State teams says quite baldly "a broken bone counts the same as a fall." This adds fuel to the flame of popular opinion which scorched football before the general public learned that it was a game of skill and endurance rather than one of brute strength. In the case cited a broken bone did count the same as a fall but the basis for the decision did not rest so much on the fact that the M. A. C. wrestler suffered bodily injury as it did upon the fact that he was unable to continue. That may be a fine distinction but so is sometimes the dividing line between manslaughter and murder.



We have stumbled upon the dormitory question again. The desertion of Abbot hall by the co-eds opens the way for the men. It brings to light the need for accommodations for many more men than now can live on the campus.

"Close Beside The Winding Cedar"

Many of the co-eds' societies will not indulge in parties during the winter term. Most of their available capital was needed for financing the homes of which they took possession last fall.

Dr. I. F. Huddleson of the bacteriology department will devote the rest of the academic year to a study of clinical and research methods at the veterinary college of Cornell university.

Orchestra practice under the auspices of the department of music and other functions of the department are being carried out in the quarters formerly occupied by the post office on the campus.

A. B. Cook, '93, has taken a census of M. A. C. people who came from the territory represented by a two-mile stretch of road adjoining his farm near Owosso and reports that it has supplied eighteen students for the college.

The Bok peace plan was discussed at a convocation on January 16, Mrs. Hendrick of the department of history talked on the plan and ballots were distributed among the students for their opinions as to its advisability.

The Columbine Players will present "The Dear Departed" for the entertainment of Farmers' week crowds. It is planned to have a dramatic program as a counter-attraction to the Michigan basketball game as the capacity of the gymnasium will be taxed by the college crowd without counting on visitors.

William Lightbody, '89, principal of the Lillibridge school in Detroit is represented in the magazine issued semi-annually by the pupils of that school, by a full-page picture and a short announcement in which he congratulates the editors on their efforts and the good they accomplish for themselves and the school.

Representatives of the county fair associations throughout the state met at the college on January 17 and accepted the classification plan for exhibits and awards as prepared by the college specialists. The next annual meeting of these officials will also be held at the college.

Apparently in the interest of discipline, making clear in the minds of the freshmen who controls their destiny as a college group, the class of 1926 voted recently to allow the newcomers to enjoy a class party during the winter term and then met soon after to revoke that decision.

O. W. Stephenson, '08, a member of the faculty of the history department at the University of Michigan, read a paper on "Manners and Customs as Affected by the American Revolution" at the convention of the American Historical Association at Columbus, Ohio, during the holidays.

The Holcad announces in a recent issue its purpose to further the plan to change the name of the college to Michigan State. An editorial gives the arguments which have been advanced for the past decade in support of the new name.

With the announcement at the beginning of this term that the Ulyssian society had obtained a house for the use of its members, the campus was again cleared of such organizations. The Ulyssians organized last year and, for a time, occupied rooms in Wells hall.

Dorothy L. Roberts, daughter of Mrs. Elma Bowerman Roberts, '02, of Harlan, Kentucky, was recently announced the winner of a four year college scholarship for an essay on the influence of highway transportation on the religious life of a community. She will attend Marietta college in Ohio. By the terms of the scholarship all her college expenses will be paid.

LOW PAYMENTS ON BUILDING FUND

December Pledge Accounts Behind—Lack of Cash to Increase Cost of Structure

Of the more than \$55,00 due on the Union Memorial Building fund pledges on December 1 but \$7,014 had been received up to January 23. This brings to the front the pressing problem confronting the executive committee in raising sufficient cash to carry on the work on the building without increasing the estimated cost. A total of \$100,000 has been put into the building, or is available to meet the obligations of the committee, assumed to carry on construction as it planned. In all cases statements were sent out indicating the amount due and the date upon which it had been promised sufficiently in advance of the due date so that they would be received in time for payment according to the terms of the pledge.

It is pointed out by the treasurer of the fund, Frank F. Rogers, '83, that the success of the proposition rests entirely with the alumni who have subscribed certain sums and who have failed to fulfill their obligations. To a limited extent work can be continued on the building after the present funds are exhausted but the part it can play in student life will be limited according to the proportion of the structure completed and ready for occupancy at an early date. Since subscriptions are invariably in small amounts it rests with the ordinary subscriber to square his account in order that the maximum of good may result for the building. Payment of pledges immediately upon receipt of statements means an immeasurable good to the project while delays of several days can be counted on the debit side of the ledger in dollars and cents as the committee becomes further committed on the cost of the building.

The amount outstanding represents the aggregate of a large number of small contributions to the fund. The cost of sending statements to these subscribers soon runs into large sums in postage alone when

they must be repeatedly mailed out. Where two cents is paid to collect a dollar the fund is losing two per cent besides the added cost of office work, which is done on a rate per hour and not on a salary basis.

Neglect in paying these accounts embarrasses those in charge of handling the funds for the building. The executive committee will shortly commence a campaign to reach every delinquent subscriber so that the fund may be brought up to its highest possible point.

Construction work, interrupted by severe weather, is again under way. Four carloads of common brick and one carload of face brick have been delivered to the site and enough cement and gravel are on hand to permit work to go on. Several footings, properly protected against frost were poured January 23 and 24. It is expected that by the time spring allows for general building operations the basement will be practically completed. With that much of a start the outside of the structure can be finished within a reasonable time or as soon as deliveries on the cut stone will allow. The rest of the work will be put into shape as funds are available and all portions of the building which will be most used by the students and alumni will be made ready for occupancy first.

Several of the members of the college staff are in demand for lectures before various types of groups in the territory surrounding Lansing. J. C. DeCamp, '10, of the forestry department has appeared on programs in Lansing and towns through the eastern part of the state speaking on topics pertaining to conservation and the marketing of lumber. B. E. Hartsuch of the chemistry department has struck a popular note with a dissertation on textiles. Other specialists are regularly called upon.

A FLORIDA REUNION



A. H. Phinney, '70, and Charles W. Garfield, '70, meet at winter resort. (The background is decorated with oranges, not snowballs.) Phinney sends the following biographies with the photograph.

Charles W. Garfield of Grand Rapids was for twelve years a member of the State Board of Agriculture and for ten years chairman of the state forestry commission. Through his efforts the school of forestry was established at Ann Arbor after the State Board of Agriculture had refused his plea for such a course at M. A. C. For twenty years he was president of the Grand Rapids Savings bank and is now chairman of its executive board. No alumnus of the college is better known to its former students than is "Charley" Garfield.

A. H. Phinney was the first post-graduate student to enter Cornell university, receiving the degree of doctor of philosophy there in 1873. A serious throat trouble caused him to resign his position on the staff

of Cornell and he turned to business instead of teaching. He was for a number of years a banker in Michigan and, although he calls St. Petersburg, Fla., his home, he spends several months each summer in Detroit.

Central Michigan

George Ervine, '23, city milk inspector of Ann Arbor has made several trips to Lansing recently. George has his office in the city hall of the University town.

Jess Eldred, w'18, was the week-end guest of C. J. Schneider and other friends. Jess has been in Tarrytown, N. Y., for several years and just recently located in Detroit, with a structural steel firm.

K. R. Kerr, '23, of Grand Rapids, was in town last week. Kerr is a district inspector for the state department of agriculture.

John I. Breck, '93, of Jackson, was in Lansing last week on business. Breck lives at 312 Clinton street.

E. J. Brown, '23, with the U. S. Geodetic Survey in Texas, visited friends here recently on his way to Washington, D. C.

"Carp" Julian found his way to the Elks' cafeteria last Monday noon. One by one they come, and if you want to see the old gang and have a good visit drop in next Monday noon. Lansing alumni are discussing candidates for the State Board of Agriculture.

E. C. Mandenberg, '15, and wife announce the arrival of Edmund Carl, Jr., at their home, 506 N. Butler Blvd, on January 18.

Leon F. Smith, '17, who handles "barnyard furniture" for the Wm. Ford Co. of Dearborn, was in this territory last week and called on a few old friends.

Freddie Henshaw, '23, agricultural editor of the Detroit News, was in town last week attending several meetings of the Sugar Beet growers, and extracting items of interest for his sheet.

RADIO PROGRAMS STARTED JAN. 23

Mechanical difficulties prevented the starting of radio programs according to the schedules prepared by the radio committee but the first program was given on January 23 and the others will follow starting at eight o'clock each Wednesday night until the close of the winter term. It is also planned to broadcast stories of athletic events and other things of importance as they occur. One feature of the J-Hop this year will be the broadcasting of the dance music furnished the Juniors.

In testing the apparatus replies have been received from points far distant from the college, indicating that the radius of the station is great enough to reach by far the greater proportion of the alumni. Arrangements are being started to broadcast a special alumni program on May 13, Founders' Day, if it should prove feasible to use the station at that time. In any case the series of programs planned for this winter will be continued and other features added when the opportunity presents itself.

The station is known as WKAR and the sentence introducing it will be "The Oldest Agricultural College in the World." It is rated as one of the most powerful of its type and will insure a wide audience for the programs offered.

NEW STUDENT LOAN FUND ESTABLISHED

Corey J. Spencer of Jackson, recently honored by the government of France for his material assistance to agriculture in that country, has presented the college with the pick of his herd of Holsteins and they will be auctioned during Farmers' week, the proceeds from the sale will be used to establish a student loan fund. From this fund small amounts will be advanced to members of the upperclasses and the return of this money will insure the

perpetuity of the fund. The wish is expressed that the money will be used to aid agricultural students but a provision is made that the worthiness of applicants will have precedence over all other considerations.

Mr. Spencer's interest in the college began when his sister, Frances G. Spencer, '19, was a student here, increased when he began to raise stock and took advantage of the facilities offered by the college to farmers specializing in that line and has not diminished. He is an active supporter of the Union Memorial building fund and has worked hard on other projects for the good of the college. He is in business in Jackson and his farm is located at Eaton Rapids.

COLLEGE CHEMIST AIDS IMPORTANT RESEARCH

Elroy J. Miller, a chemist in the experiment station, has done valuable work on adsorption by charcoal, a problem which has been a vexing one for chemists generally. It was found that ordinary charcoal would vary considerably in its adsorbing powers because of impurities present in it. Many chemists have attempted to solve the problem of providing an absolutely pure charcoal but most of their efforts met with partial failure. Miller used activated sugar charcoal to such good advantage that he removed many of the obstacles encountered by his predecessors on the problem. The results of his work were explained in a paper entitled "Activated Sugar Charcoal" which was read at a meeting of the local branch of the American Chemical Society before the holidays.

Miller says that a study of adsorption by activated sugar charcoal has explained many things in connection with soil acidity and the general problems of adsorption by soils. It is also of great interest to the sugar, glucose and other industries using charcoal as a decolorizing agent or clarifier.

FORESTRY FRATERNITY TO MEET AT COLLEGE

At the national convention of the Xi Sigma Pi, the forestry honor fraternity, held recently in Seattle, Washington, Professor A. K. Chittenden was elected national president of the organization for the ensuing biennium and Professor P. A. Herbert was elected national secretary and fiscal agent. The fraternity now has chapters in most of the leading forestry schools in the country. The next convention will be held at M. A. C.

G. A. Garratt, '20, professor of forestry at the University of the South at Sewanee, Tennessee, and D. N. Kee, '23, who is engaged in logging and surveying for the Black River Cypress company at Gable, South Carolina, have both sent a considerable number of wood specimens to the forestry department for use in the wood identification course. The specimens assisted in making it difficult for the students to pass their examinations successfully and have helped the department in making its wood collection more complete.

The forestry department is now taking orders for trees for spring delivery. The supply of stock in the forest nursery this year is quite low due to the fact that but little seed was planted during the war and as it takes the trees about five years to reach suitable size for sale the supply of stock of such size is very limited. The nursery has, however, a large number of trees in seedling stock. At the rate orders have been coming in the last few days the stock will soon be exhausted.

BOARD CONSIDERS FINANCING PLANS

Chief in the matters which came up for discussion at the meeting of the executive committee of the M. A. C. Association on January 19 were the financing plans for the construction of the Union Memorial building. A complete report on the progress of the work was given by the secre-

tary and several alternates were considered through which the building could be completed at the earliest possible date and at the lowest possible cost.

The secretary was empowered to request that the college take action in regard to preserving the split rock which lies on the north side of Michigan avenue near the Lansing city limits and which was deemed of such value as a landmark that the committee believed it advisable that it either be preserved in its present location or removed to the campus where it might be given a prominent position near the proposed new entrance and Union Memorial building.

The following attended: President Ranney, '00; Vice President A. B. Cook, '93; Treasurer F. F. Rogers, '83; Henry T. Ross, '04; Horance S. Hunt, '05; Mrs. Grace Lundy Drolett, '00; G. C. Dillman, '13; W. O. Hedrick, '91; and the secretary. Adjournment was taken to Saturday, February 16, at 2 o'clock.

An honorary fraternity for the students enrolled in the applied science division has been instituted. Its membership includes co-eds as well as men, giving it the distinction of being the only general society of that type on the campus. Tau Sigma is the name of the new organization, its charter members are F. J. Sorauf, '24, Ironwood, R. L. Kipke, '25, Lansing, E. G. Neller, '25, Lansing, J. A. Sepanek, '25, Lansing, Frances Angela, '26, Chicago, Myrtle Lewton, '26, Takoma Park, D. C., Helen Perry, '24, Detroit, Marjorie Kenyon, '24, Portland.

V. R. Gardner, '05, professor of horticulture, attended the convention of the Massachusetts fruit growers at Worcester, Mass., this month and visited several agricultural colleges in the course of his trip.

All programs broadcast by the college radio station will be sent from a room on the top floor of the new Home Economics building which has been fitted up for the purpose.

COURT TEAM WIPES OUT OLD SCORE

Last Year's Victors Defeated—Alderman Sets New 220-Yard Record for Gym

The sting of two defeats in one season was partially alleviated when the Green and White basketball team defeated John Carroll university of Cleveland at the gymnasium on January 18, 24 to 17. Playing under the name of St. Ignatius college the team outclassed Coach Walker's five at East Lansing and Cleveland in the 1923 season but the same form was not equal to stopping the offensive of the 1924 edition of M. A. C. hopes on the court. It was one of the best games of the year, the score was always close enough to be dangerous but the tactics of Captain Eva and his helpers baffled the visitors in all departments of play. The M. A. C. team stopped the Carroll offensive and its defense was unable to stem the marches of Nuttila, Kitto, Ralston and Richards, who bore the brunt of the scoring from the floor.



CAPTAIN EVA

Although the wrestling team lost its match with Ohio State by 18 to 2, the meet was far from being a one-sided affair. D. R. Coburn, a senior, was forced to concede his match to his opponent when his arm was broken. In one other bout the Buckeyes gained a fall but their other points were made on decisions.

F. P. Alderman, '27, East Lansing, running as a member of the freshman class team, lowered the record for the 220-yard dash in the gymnasium to 25 1-10 seconds. The former record established by DeGay Ernst, '22, in 1920, was 26 3-5 seconds. Alderman appeared in state meets last year while a student at Lansing high school. He

is an outstanding man in the sprints. He is a brother of A. L. Alderman, '16, also a sprinter of repute.

The sophomores took first honors in the meet. Kurtz, '26, brother of Larry Kurtz, '20, took first place in the high jump and low hurdles and Ripper, '26, took firsts in the 440 and 880. Marks set by the contestants were unusually good for the indoor track season.

NYE, '12, PRESIDENT OF WEST NEW YORK

The annual meeting of the Western New York M. A. C. Association was held in Rochester, Thursday noon, January 17, at the Seneca hotel, President Sam Brice presiding.

After the opening chorus, "Come All Ye Faithful," the roll call was responded to by the following: Dr. E. G. Baxter, '19, John J. Harris, '12, Edward Howard, '15, D. A. Brice, '13, Mrs. D. A. Brice, Miss Jean Lovejoy, '14, R. L. Nye, '12, Mrs. R. L. Nye, '15, P. I. Allen, '13, H. E. Segelin, '22, J. G. Little, '23, Dr. B. S. Palmer, '81, Mrs. T. M. White, '18, John D. Walker, '22, Carl L. Warren, '20, Miss Rebecca Proseus.

It developed during the course of the meeting that R. L. Nye had come down to the "City Beautiful" with his pockets full of T. N. T. bent on destroying the time honored precedent of meeting in Rochester each year.

His oratory and most generous promises won favor with those present and so the 1925 meeting will be held in Syracuse.

The following officers were elected for the coming year:

President, R. L. Nye.

Vice President, J. D. Walker.

Secretary-Treasurer, A. L. Bibbins.

Meeting adjourned.

Respectfully submitted,

P. I. Allen, '13.

CLASS NOTES

'81

A. B. Turner, secretary of the class, sends the following item: "I recently received a letter from H. S. Hackstaff, '82, who is the head of Hackstaff-Atkinson company of 1313 East Fourteenth street, Los Angeles, California. The boys of '81, '82 and '83 will be interested to know that Stewart is prosperous, full of life and still finds life well worth living. He is a booster for California, but like the rest of us immigrants, still has fond memories of Michigan."

'98

Homer C. Skeels, 210 Holly avenue, Takoma Park, D. C., reports: "Same old job."

'02

Oramel H. Skinner is treasurer of a corporation known as Thomas-Skinner Steel Products company, which is located at Empire and Harmon streets, Indianapolis, Indiana. They are engaged in the manufacture of permanent magnets for electrical instruments, magnetos, special machinery, etc.

A. E. Kocher writes: "No change of occupation. Still with the bureau of soils. Have just spent few months on the apple ranch at Okanogan, Washington, and have just begun to winter at King City, California."

'04

Mrs. Hannah Bach Rexford has moved in Detroit to 908 Webb avenue.

'05

J. W. Bolte makes use of his blue slip with: "Still with Republic Creosoting company. Running chick hatchery to provide 'chicken feed' on the side for two boys in high school and one in Butler college." Bolte may be addressed at 243 Downey avenue, Indianapolis, Indiana.

'11

I. J. Cortright corrects his mailing address on our files to 3835 Burwood avenue, Norwood, Ohio.

'12

M. T. Munn, Experiment station, Geneva, New York, was elected president of the American Association of Official Seed Analysts, at a recent meeting at Cincinnati.

Fred A. Stone has moved in Chicago to 1328 E. 73rd Place, Grand Crossing station.

'14

John R. Hunt is assistant superintendent of schools for Los Angeles county, California. He reports: "My trouble is not in keeping children in school but helping finance enough money to build buildings enough fast enough to take care of them as fast as they arrive. Our attendance is increasing an average of 300 per week now."

Hunt lives in Los Angeles at 2955 Budlong avenue.

'15

R. R. Havens should be addressed in Grand Rapids at the Commercial Savings Bank building.

R. M. Roland is spending a few weeks at the Detroit office of the American Life Insurance company and may be reached in care of that firm at 408 West Fort street.

'16

E. K. Sales has moved from 131 Leslie street, Lansing, to East Lansing.

Captain Charles Dunphy is no longer to be reached in care of the Candler warehouse at Atlanta, Georgia. He has left no forwarding address in this office.

Walter P. Thomas is the proprietor of a filling station and garage in Homer, Louisiana.

C. N. and Rhoda Reed Winston have moved from Bay City to 312 N. Fayette street, Saginaw. Winston is with the Beck Auto company there.

'17

L. H. Verschoor has moved in Grand Rapids to Riverside Gardens, Soldier Home, North Park station.

A. W. Haines isn't living where he moved from any more but hasn't told us where he is now. Haines was formerly at 516 Oak street, Rochester, Michigan.

W. E. Savage writes from 65 E. Hefena street, Dayton, Ohio: "I am still in charge of the static testing of all newly designed airplanes received or built at McCook field, Dayton, Ohio. Airplanes are becoming more safe to ride in and automobiles are becoming more dangerous."

C. R. and Dorothy Lilly Crozier are in Coopersville, Michigan.

'19

Clare E. Bird is an interne in surgery at the Peter Bent Brigham hospital at Boston, Massachusetts.

Mrs. Erma Preston Bridge has moved in Denver, Colorado, to 3229 W. 23rd avenue.

Claudice Kober Engles is still in Kalamazoo, Michigan, but is now located at 1213 Merrill street.

'20

January 1, S. C. Vandecaveye accepted a position as head of the division of bacteriology at the state college of Washington's experiment station, Pullman.

W. E. Miller is again in Flint at 1012 Dupont street.

'21

Ferris H. LaCore writes from the Ingham Sanitarium at Lansing: "Have been here since last May and expect to be here for some time."

M. J. Lefler, '20, is married and living at 725 Pine street, San Francisco."

Esther M. Rehikopf writes of a change in address to 517 East Lewis, Fort Wayne, Indiana, and adds: "If there are any M. A. Cites in Fort Wayne I should be glad to hear from them."

'22

Glenn Nesman is in the production department of the H. J. Heinz company in Bay City, and lives at 610 N. Jefferson street.

'23

The work of Dorothy Hanigan, Red Cross nutrition worker for Goliad county, Texas, is explained and a detailed description of it given in a recent issue of a newspaper published in the county.

A. B. Cook, Jr., is teaching agriculture in the Ionia high school.

ADD '15

L. E. Gay has moved in Detroit, Michigan, to 12396 Northlawn avenue.

MEETING OF THE STATE BOARD OF AGRICULTURE

President's Office, January 16, 1924
11 o'clock A. M.

Present: President Shaw, Mrs. Stockman, Messrs. McColl, Brody, Gowdy and Secretary Halladay.

The minutes of the previous meeting having been in the hands of the members, were approved without reading.

This being the first regular meeting of the new term of the State Board of Agriculture to which a new member was elected, a reorganization of the board was held and Mr. Watkins was re-elected chairman.

The following committees were appointed by Chairman Watkins:

Educational—Messrs. Watkins, McColl, and Mrs. Stockman.

Research—Messrs. Brody, McPherson and Gowdy.

Finance—Messrs. Gowdy, McPherson, Watkins and Mrs. Stockman.

Extension—Messrs. McPherson and Brody, and Mrs. Stockman.

Building and Grounds—Messrs. McColl, Watkins and Brody.

Upon recommendation of Mr. McColl the board authorized the establishment of an engineering experiment station, and the appointment of an additional instructor in electrical engineering, this position to be filled by Mr. Burr K. Osborn, effective January 1 to June 30, 1924.

On motion of Mrs. Stockman, Miss Mable Rogers of Lansing was appointed assistant teacher trainer in home economics, effective January 1 to July 1, 1924. Carried.

On motion of Mr. McColl the recommendation

of the committee on advanced degrees for the appointment of Mr. Chandra Kant Ganapatrae Kulkarni as half time assistant in farm crops, effective January 1, was accepted and the appointment made. Carried.

On motion of Mr. Brody the secretary was given authority to act upon any matters relative to the land owned by the college and occupied by the Department of Public Safety, which may come up for consideration. Carried.

On motion of Mr. Brody the salary of George Amundson, land clearing specialist, was increased, effective February 1. Carried.

On motion of Mr. Brody the following resignations, transfers and appointments were accepted and made.

RESIGNATIONS

A. J. McAdams, Land Clearing Specialist, effective Jan. 10.

Viva Osborn, County Club Agent, Branch Co., effective Oct. 31.

Ann R. Banks, County Club Agent, Cheboygan Co., effective Dec. 31.

J. W. Wagner, County Club Agent, Wayne Co., effective Dec. 31.

Muriel Hopkins, Extension Specialist in Nutrition, effective Oct. 31.

Elda I. Robb, Asst. State Club Leader, effective Dec. 31.

I. J. Sours, Co. Agricultural Agent, Presque Isle, effective Nov. 30.

C. B. Cook, Co. Agricultural Agent, Oakland, effective Dec. 31.

I. B. McMurtry, Co. Agricultural Agent, Midland, effective Nov. 30.

J. T. Pickford, Co. Agricultural Agent, Oceana, effective Oct. 31.

D. B. Jewell, Co. Agricultural Agent, Cheboygan, effective Dec. 31.

Eva Schurr, Home Demonstration Agent, Ottawa, effective Nov. 30.

Eva Garrett, Home Demonstration Agent, Oakland, effective Dec. 31.

TRANSFERS

Sylvia Wixom, Home Demonstration Agent in Marquette County to Assistant State Club Leader, effective February 1.

Roy W. Weinberg, County Agricultural Agent in Hillsdale County, to Midland County, effective January 1, portion of the salary to be paid from Smith-Lever funds.

APPOINTMENTS

N. A. Kessler, Land Clearing Specialist, effective January 1.

Marion E. Rider, Home Demonstration Agent for Marquette County, effective February 1, the salary to be divided between Smith-Lever and county funds.

Bertha J. Wellington, Home Demonstration Agent for Ottawa County, effective January 1, the salary to be divided between Smith-Lever and county funds.

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Lansing, Michigan

Anti-Hog Cholera Serum—Other Biological Products

E. N. PAGELSEN, '89, Patent Attorney

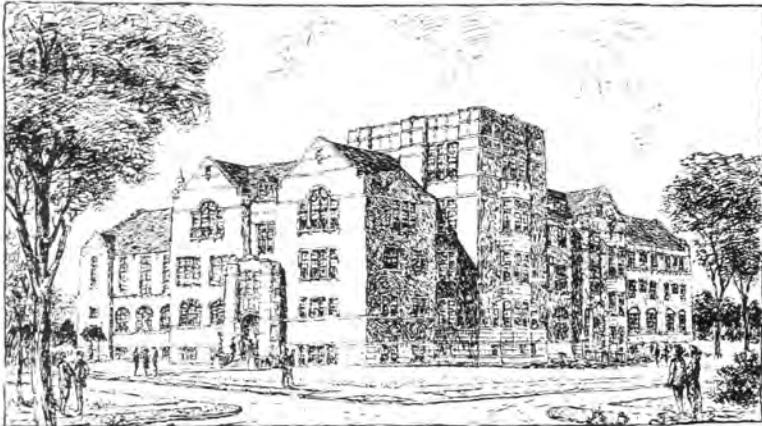
1321 Lafayette Building, Detroit.

GOODELL, ZELIN C. (M. A. C. '11F)

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