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# The M. A. C. RECORD.



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# The M. A. C. RECORD

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ROBERT J. MCCARTHY, '14, editor

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# THE M. A. C. RECORD

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EAST LANSING, MICHIGAN

OCTOBER 27, 1924

## CHANGES MARKED SOUTH OF RIVER

*Wild Growth and Farm Scenes Give Way to Stadium, Bridge, and Roads.*

While changes have made the north border of the Campus a strange place to the old graduate there is nothing noticeable there which goes farther in altering the landscape than the new features along the banks of the Red Cedar. Of course the gymnasium has been in place long enough to become fairly well known to the casual visitor to the Campus in the past five years but its surroundings have been changed from the sylvan wildness of a backwoods valley to a highway which has felt the burden of many feet, a new concrete bridge spanning the river and a complete overhauling of the south bank of the stream.

In the first place the most notable change was the erection of the stadium. That structure grew up through a summer in a field which had formerly seen nothing but alfalfa or some other farm crop. It dominates a landscape the main points of which were the trees along the railroad or those on the sand hill to the west. Brick gateways on the south add somewhat of a touch to the barren concrete shell of the great structure and the enclosing fence gives further evidence that the football field is a place for activities and not merely a part of the general scene. This movement altered a pastoral view into one of collegiate activity.

Of course the stadium is at the top of the picture, it stands above everything in the area it occupies and it has also dominated the area between it and the river. Along the river where wild shrubs, a heterogeneous collection of wild vines and trees of every description formerly held sway in tangled disorder all have been cleared away to allow for the road which now leads to the stadium gates. On west of the stadium entrance to the old athletic field is a great space which has been used variously as a drillfield and pasture for

College animals but is now devoted to parking space for big games and will eventually develop into a great athletic field for use in intra-mural sports and other competition. The plans for this are now being worked out by T. Glenn Phillips, '02, landscape architect for the College.

Just a year ago the only entrance to the athletic field was by way of the old wooden bridge which has served M. A. C. since athletic contests were first staged south of the river. Ice had buffeted its supports and spring freshets had undermined its foundations until it was a doubtful factor in conveying crowds and automobiles across the Red Cedar. Now its functions are largely cared for by new concrete structure, with its two spans which will long bear the weight of the traffic. This new bridge is just west of the gymnasium, between it and the old bridge and the new approach has been filled in so that it is no longer necessary to make a steep descent before crossing. It gave satisfactory evidence of its efficiency when it accommodated the Michigan game crowds.

On to the east the south bank of the river remains much as it has been. Crossing the College railroad spur there is the forest nursery occupying its allotted portion of ground and doing a most admirable job of it. At the south there is further activity as the farm road at that point is being extended through to Harrison avenue. In later years this will facilitate the handling of crowds.

West of the main center of the Campus the south bank of the Red Cedar has undergone a most remarkable change in the past few years. It is in line with the general improvement of the Campus and is part of that program but the changes have probably been more sweeping and of more general effect than those on the south

border of the Campus. They are being carried out, however, in the interests of a better institution, better facilities for student, alumnus and friend of the College, and are all part of the general plan for development which M. A. C. has undertaken.

## Detroiters' Doings

With the advent of cooler weather the M. A. C. club of Detroit is taking on new activity and an interesting winter season is looked forward to. The bowlers of the crowd are again showing the way to spill the pins in the Intercollegiate Bowling League. Chicago and Notre Dame have lost their matches with M. A. C. Weekly luncheons are held every Thursday noon at 12:30 at the Oriental cafe just opposite the new Book-Cadillac hotel on Michigan avenue.

The first real event of the season will be an intercollegiate dinner to be held at the General Motors building on some Wednesday evening in the near future. The purpose of the dinner is to boost and show some appreciation of the work of the Intercollegiate Bowling League. This year the teams are rolling every Wednesday evening on the Imperial alleys in the General Motors building instead of the Garden alleys as last year. Clinton Tobey of Cornell is manager of the league while Leo Digby, '13, is looking after M. A. C.'s team.

Plans for the affair call for dinner to be followed by an evening of bowling, cards or visiting. Detroiters should plan on being out in force. The date will be announced next week.

Eddie Krehl, '09, Bernie F. Beach, '15, and R. R. Palmer, '22, represented Detroit at the National Dairy show in Milwaukee. Krehl and Beach were from the Detroit Creamery and the Milk Producers association while Palmer was unattached. Palmer has been a milk inspector with the board of health, but recently resigned and

is connected with the Purina Mills company of St. Louis as a salesman.

Roy W. Knopf, '23, is inspecting milk and dairy farms around Detroit for the Detroit board of health. He lives at 9385 Woodside avenue.

Among those who follow the migrating birds is E. Genevieve Gillette, '20. She left late in September for Lakeland, Florida, where she has been engaged for some extensive landscape work which will occupy all the winter.

Those who are looking for Leo Digby, '13, will no longer find him with the Cities Service Oil company. He now receives his pay-checks from the Tidewater Oil Sales company.

Gordon (Ossie) Osborn, '11, has returned to the Detroit fold. After three years in Montreal he is now with the American Blower company doing some special work. He was recently married and lives on Chicago boulevard near Linwood.

## BUTTERFIELD TO SPEAK AT CHURCH CEREMONY

East Lansing, the only "One-Church Town" in the state, will lay the cornerstone of its new People's church some time early in November. President Butterfield will deliver the main address. Assisting him in the ceremonies will be representatives of the four major denominations who are supporting the church.

When completed, the church will represent an investment of \$350,000 and will be the last word in church construction. In addition to its main auditorium, there will be a dining room seating 500, a smaller luncheon room, lounging rooms for men and women, a completely equipped gymnasium, and a small chapel in which weddings can be held. Most of the church offices will be on the second floor, while the general office and that for employment will be on the first floor.

With 1880 students the Campus is not overcrowded, in fact most departments can still add to the size of their classes without serious inconvenience.

## COL. SHERBURNE CITED FOR 1899 SERVICE

After a lapse of twenty-five years, Lieut. Col. T. L. Sherburne, commandant of the College cadet unit, has received a citation for valiant service rendered in the Philippines during the war with Spain. According to the records cited in the award, during the uprisings in the Philippines in 1899, a Commodore Gilmore of the U. S. navy was captured by the natives and taken inland, into the northern Luzon territory.

Sherburne, then a lieutenant of cavalry, was despatched with a detachment to rescue the naval officer. The pursuit lasted six weeks, but the officer was finally rescued and the captors brought to punishment.

At that time the navy department expressed its intention of presenting to Lieut. Sherburne a citation for the heroic service rendered, but it was decided to wait until the army first presented its award. Twenty-five years have passed since that time. Then one day, about a month ago, Col. Sherburne received a notice from the war department stating that his service on that almost forgotten day was to be rewarded with a fitting citation. According to this, Col. Sherburne will also be in line for the distinguished service medal of the United States Navy.

## SPECIALISTS TO VISIT COLLEGE ON INSPECTION

Members of the American Society of Agronomy and other leaders in farm crops and soils research work will visit the college during the summer of 1925 to study conditions in this state. Under the direction of Prof. J. F. Cox, head of the farm crops department, invitations have been extended to over 200 specialists in crops and soil research. There will be representatives in attendance from the United States and Canada, and the federal department of agriculture.

State and government work on sugar beets and field beans will be the topics of

principle interest during the conference. In addition to this there will be various soil tests as well as work on alfalfa and sweet clover. Plats of all the leading northern wheat varieties will also be set out on college plots so that they will be in readiness for the convention.

## WASHINGTON PLANS NOVEMBER MEETING

C. A. Reed, '05, chairman of the executive committee of the Washington, D. C. M. A. C. Association reports that an M. A. C. get-together of some kind, the exact nature of which has not been fully decided, will be held in that city during the meeting of the Association of Land Grant Colleges, November 11 and 12. Visiting alumni and others connected with the College at any time are requested to watch next week's RECORD in which will appear a definite announcement concerning the meeting.

At the September meeting of the State Board of Agriculture, Mrs. Stockman and H. W. Gowdy were chosen official representatives of the board for the meeting and the following were selected from the faculty: President Butterfield, Deans Shaw, Bissell, Krueger, Director Baldwin, and Professor Phelan.

## BASKETBALL COACH STARTS WORK ON TEAM

Coach Kobs has the varsity basketball squad at work in preparation for the coming season. Although several of the best prospects, including R. G. Richards, R. A. McMillan, V. J. Hultman, H. A. Robinson, and D. R. Haskins are at present with the football squad, Kobs is anxious to get a chance to work on the new material coming out for the team.

There will be a veteran nucleus around which to build a team. Leading this crew is Matt Nuttilla, captain and forward. Other veterans include R. B. Bilkey, C. Kitto, L. Beeuwkes, and the men who are now with the football team.





## VIEWS AND COMMENT



With the forthcoming session of the legislature in the near distance comes the thought of the dormitory question which has been perennially sticking up its head since Williams hall burned down, Abbot was turned over to the women and there has been marked increase in the enrollment. But few of the later generations of graduates have had the opportunity to live on the Campus so the attitude of those of the past few years would be more or less lukewarm on the subject but harken back to the ranks of alumni who were in College when the entire life of M. A. C. centered on the Campus and you have a different story.

It is not questioned by the great majority of those who have made a study of college conditions that life in a general dormitory is beneficial to the average youth. At many of the larger schools throughout the country it is compulsory for freshmen to live in the dormitories provided by the institution. There is some doubt as to whether this rule was made to insure occupants for the rooms or whether it is the result of careful consideration. In most cases it is the answer to the puzzle of how to make conditions such that the student will get the most possible out of his few years in college.

Dormitory life brings about first of all a general level of social conditions not possible where students are scattered about a city. In doing this it aids the youth to appreciate that as a man he is no better than his neighbor unless he can prove it. It fosters the germ of leadership and produces results, often remarkable, in uncovering unsuspected talent for positions of trust and responsibility. It does all of the things which putting youths into large groups can do and helps weed out the weaklings who are not in College to take advantage of its educational opportunities.

The dormitory plan has long had the support of a majority of the alumni. It is not too late to further it now but, in the interest of the College at large, it may be

too early. Society houses are solving the problem in part but that part is growing smaller as the College grows in enrollment. There should be a definite policy fixed; thus far it is only a matter of temporary expediency which has determined whether or not M. A. C. should have dormitories for a larger proportion of its students.



In the increase in enrollment recorded for 1924 M. A. C. maintains its former place in technical education and adds to this duties in another sphere. Students registered in the liberal arts division represent the total increase over 1923. This typifies the experience of colleges generally since the war. Scientific education has usually suffered reverses in the number choosing it while the arts and general sciences have found more favor. In taking a new course into its curriculum the College is sacrificing none of its former work and is but adding to the opportunities it offers the youth of the state.

## NOVICES CLOSE TO MARK FOR X-COUNTRY COURSE

The novice cross country run which was held on October 18 revealed several likely looking men for the varsity team. The time for the winner was 18 minutes and 20 seconds, considered very good for the three and a quarter mile track as it now stands. The first three men were awarded silver loving cups and the next seven gold medals. This run was only open to men who have not won numerals or letters in this sport.

The first ten men finished as follows: Severence, '27, Deckerville; Culbert, '27, Hastings; Otterbein, '28, Elkton; Rush, '26, Watervliet; Hauk, '26, Sault Ste. Marie; Belt, '28, Detroit; Tuisku, '28, Bergland; Stillwell, '28, Center Line; Drake, '27, Ypsilanti; Hoyt, '28, Richland.

## *"Close Beside The Winding Cedar"*

The broad expanse of lawn at the western entrance of the Campus which has been hidden by the rows of elms for a long period of years will be in view of the passerby on the new roadway south of the elms.

The first annual award of the veterinary faculty prize fund for the freshman doing the best work during his first year in College was made at the convocation October 1 to Claude Reading, '27, Lawrence, Mich. This award amounts to twenty-five dollars.

Returning alumni on the day of the Michigan game were so busy with thoughts of the contest impending and viewing the new buildings that but few of them found time to visit the alumni office. The new Union building as a gathering place for such people will add its value another year to such occasions.

The formal entrance to the Campus is a beacon of hope for those who must tramp through dust ankle deep these days of the construction period. Seniors are of the opinion that they will regret leaving in June because they will miss the benefits of new sidewalks, the Union building and other attractive additions to the facilities for student life.

Slate has arrived for much of the roof of the Union Memorial building and the structure will be ready for it to be put into place within a few days. Preparations are also being made to put the glass into the windows and completely enclose the building to provide against the coming of cold weather and the probability that plastering must be done under conditions not conducive to good work unless artificial heat is provided. At the same time interior work is progressing rapidly, partitions are being put into place and prepared for plastering, the entire job has the appearance of progress and each day demonstrates to the most skeptical that the functioning of the Union Memorial building is but a few months ahead.

Later than usual the Campus trees have kept their leaves. Any fall is a beautiful season on the Campus but this one seems to have slightly surpassed its recent predecessors.

A special train conveyed students and the band to Evanston for the game with Northwestern university, the first time in some years that such an expedition has gone out of the state.

As indicated in a recent issue of THE RECORD the street car loop will remain on the Campus for a definite time and will be shortened immediately and moved westward, close to the arboretum.

More than one hundred students were accepted into membership in the People's church on October 12. A number equally as large became affiliated with the East Lansing congregation at the same time.

Many of the branch associations have had meetings during the summer and early fall but few have reported the details of the affairs to THE RECORD. It is important that all such gatherings be chronicled faithfully so that the rest of the alumni world may know what you are doing and how you are doing it. It is a matter of inspiration for those who are working to make other organizations of alumni function as they should.

Sensing football victories in the atmosphere the Michigan Electric railway lines, Lansing branch, has offered to provide trolley cars to carry celebrants to Lansing so that the time honored custom of taking possession of such transportation will not be followed. It is also announced that the theaters will oblige the students with special performances at such times as the spirit moves them to visit the city in large groups. The old fashioned battles for such things seem to have departed along with the storming of Abbot hall, water fights in Williams and other colorful, if sometimes disastrous, extemporaneous outbursts.

## FUMBLE GIVES NORTHWESTERN GAME

*Purple Outplayed But Loose Ball Proves Winning Handicap.*

A fumbled punt on the eight-yard line accounted for the touchdown which gave Northwestern a 13 to 9 victory over M. A. C. at Evanston last Saturday. Neller attempted to catch a long high kick in the shadow of his goal and the ball was recovered by a Purple player. The remaining distance was covered in short time. This was but one of the slips charged up to the Green and White all of which were costly and resulted in decided advantage for the opposing team. Eleven fumbles were counted in the game and seven of them were committed by Coach Young's team. Northwestern was apparently very nervous when its goal was attacked and in the closing minutes of the game ordered a backfield man to run across his own goal giving M. A. C. two points on a safety rather than take a chance on sending the ball into scrimmage or punting so that it would again be forced to bear the brunt of the Green attack.

Aside from this fatal weakness the M. A. C. team outplayed its hosts gaining more ground from scrimmage and passing with a much greater accuracy. One instance of the latter came late in the game when Northwestern lost the ball close to the goal line and on two successive passes the Green and White had made first down on its own 12-yard line. Neller, Lioret and Goode in the backfield ran through the opposition and the M. A. C. line was worrying the Northwestern backs on every play. Only at left end was Coach Young's team slightly below par. Hultman had been shifted to that position because of the absence of Schultz and was somewhat out of his element after working all of the season at guard. Kipke went to that post and handled the job well, Hultman being shifted back to his position at guard in place of Garver.

On two occasions M. A. C. touchdowns were called back. A blocked M. A. C. punt gave Kipke a chance to dash half the length of the field when he found the ball lying free and Haskins took his exercise

on a play which was ruled an incomplete forward pass. Haskins broke through as a Northwestern halfback, about to pass, was tackled and the ball rolled behind the passer, he picked it up and tore down the field for his proposed addition to the score but was forced to go unrewarded for his efforts as the officials had not been so close to the play as he.

The game was a hectic affair. Northwestern scored first with its field goal from the 30-yard line. Before the half was concluded M. A. C. had swept the ball across the Northwestern goal and Neller had made the extra point. In the third quarter Neller dropped the punt and the play was turned into a touchdown for the home team. Later Beckley delivered a short punt which was taken on a fair catch on the 30-yard line and Northwestern scored again. The final score for M. A. C. came in the final few minutes of play when Northwestern gave up two points rather than have a victory imperilled.

Captain Hultman won the toss and decided to defend the south goal. Weinecke kicked to Goode who returned the ball thirteen yards to his 18-yard line. Lioret failed to gain at center and Neller went off right guard for ten yards. Neller followed this by a run of thirty yards around right end taking the ball into Northwestern territory. Goode committed the first error of the day on the next play and Northwestern recovered on its 48-yard line. Baker went around end for three yards, two passes were incomplete and Weinecke punted out of bounds on the M. A. C. 41-yard line. A line plunge was good for a yard but a penalty for offside set the ball back five. A pass Richards to Hultman made eight yards. Robinson took the next pass but lost the ball after a gain of twenty yards and Northwestern recovered on its 35-yard line. The Purple backs made first down through the line and Baker went around end for thirty-two yards putting ball on the M. A. C. 23-yard line. The Green line proved impregnable and on the



fourth down Baker drop kicked a goal from the 30-yard line. Score: Northwestern, 3; M. A. C., 0.

The kick-off went over the goal line. With the ball on his 20-yard line Neller was thrown for a three yard loss. A forward pass was incomplete and Richards punted out of bounds on his own 41-yard line. Two forward passes failed and a line plunge netted but two yards. Weinecke punted out of bounds on the M. A. C. 20-yard line. Goode failed to gain and Richards punted to Solheim on his 30-yard line where he was stopped by Haskins. Line plays again failed to net the required distance and a penalty added to Northwestern's problems. Richards took Weinecke's punt on his own 35-yard line.

Clipping cost M. A. C. fifteen yards. With the ball on their 27-yard line Goode and Lioret made only two yards. Richards punted to the Northwestern 35-yard line, the ball was returned three yards. On the third down Baker punted out of bounds on the M. A. C. 23-yard line. Neller went around left end for twenty yards. Lioret added seven through tackle as the quarter ended with the ball on the Northwestern 49-yard line.

Lioret made first down and Neller made three through center. A pass, Richards to Robinson put the ball on Northwestern's 33-yard line for another first down. Neller lost a yard and fumbled but the ball was recovered by an M. A. C. player. A pass, Richards to Robinson, made fifteen yards. Lioret made nine yards on two plunges and Richards made first down. Neller and Lioret carried it the rest of the way to the goal, the former dining through for the last yard. Neller kicked goal. Score: Northwestern, 3; M. A. C., 7.

Robinson fumbled Weinecke's short kick but Hultman recovered it on the 30-yard line. On the third down with ten yards still to go, Beckley punted to Solheim on his own 38-yard line, the latter fumbled and Haskins pounced on the ball. A forward pass was incomplete but a penalty of five yards for taking too much time allowed Neller to make first down on a five-yard plunge through the line. He im-

mediately added eight and Goode made it first down on Northwestern's 16-yard line. Neller made four around end but M. A. C. lost fifteen for holding. Richards passed to Goode for eleven yards. Robinson tried a kick, it was blocked and Northwestern had the ball on its 45-yard line. A pass was good for nine yards. Weinecke hit center for three yards and a forward pass put the ball on the M. A. C. 25-yard line. On the third down with six yards to go Richards punted to Solheim who fumbled on his 35-yard line and Richards recovered as the half ended.

The M. A. C. band took the field between the halves with the Northwestern band and both paraded for the benefit of the crowd. M. A. C. was represented by a large crowd in the east stands, students who made the trip by auto and special train and alumni from the Chicago district giving a decided support to the invading team.

Solheim caught Neller's kick. On the second down Baker punted to Richards on his 20-yard line. Richards was again forced to punt. Seidel took the ball to the middle of the field. Several plays failed and Baker punted to Neller who fumbled the ball on his own eight-yard line and Matthews recovered for Northwestern. In three plays Weinecke dove over for the touchdown and Baker kicked goal. Score: Northwestern, 10; M. A. C., 7.

Baker kicked over the goal. Neller lost a yard and Richards made twelve around end when he found it impossible to make a forward pass. Neller made six around right end. Baker intercepted a pass on the M. A. C. 43-yard line. Weinecke and Baker made a total of fifteen yards. Baker attempted to pass, was tackled, the ball fell behind him and Haskins grabbed it for a long run for touchdown. The play was not allowed. It was ruled an incomplete forward pass and the ball brought back. From the 20-yard line Baker tried to drop kick. It went bad toward the side line. Lioret thought it had been blocked and fell on the ball on his five yard line.

Beckley went in for Goode and punted to Solheim in the middle of the field. Baker

*(Continued on Page 92)*

## REGISTRATION SETS MARK OF 1880

*Increase Absorbed by Liberal Arts Division—Older Courses Maintain Numbers.*

Final registration figures for the fall term show an enrollment of 1880, the largest figure ever reached at M. A. C. This compares with 1609 on the same date in the fall of 1923. It is interesting to note that the liberal arts division has accounted for all of the growth indicated with 265 students in attendance. There was an increase of 13 in graduate students, reducing the number entered in the older divisions by seven over the figures for last year. In other words the enrollment in the engineering, agricultural, applied science, home economics and veterinary divisions will this year be within seven students of the number registered last year while the increase of 265 due to the liberal arts course and the increase of 13 in graduate students shows where the most decided additions have been made.

Engineering has less freshmen and more sophomores, agricultural has lost in both

freshmen and sophomores but its junior class is practically as large as the freshmen contingent. Home economics has lost 21 students, supposedly to the new course, applied science shows a gain and veterinary medicine also registers a slight increase. Liberal arts in its first year is starting out with an enrollment of 265, just higher than that shown by applied science. The assumption is that were it not for the new course there would be a decrease in number of students as other colleges devoted entirely to technical training have suffered in the past few years.

With 726 the freshmen set a new record for their class, sophomore and juniors with 411 and 370, respectively, are running close together and the seniors with 296 are ahead of the class of 1924 by a fair margin.

The following figures are final for the term:

	Agricul.		Engineering		Home Economics		Applied Science		Veterinary Medicine		Lib. Arts
	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1924
Freshmen.....	141	132	141	187	150	120	109	102	5	10	175
Sophomores.....	128	89	127	104	86	96	53	64	10	7	51
Juniors.....	101	113	95	100	66	77	49	46	11	10	24
Seniors.....	91	88	81	92	74	62	16	35	9	10	9
Specials.....	5	3					11	5			6
	466	425	444	483	376	355	238	252	35	37	265
Graduate.....	1923—50; 1924—63.										

## WILL REMOVE TREES BLOCKING UNION VIEW

"Tom" Gunson, "laird of the Campus," announces that certain trees in the vicinity of the Union Memorial building will be removed so that the visitor may see better the architectural beauty of that structure. Among those to be taken out are two maples which stand at the southwest corner of the building. It is also probably that many of the evergreens which obstruct the view of the Campus front of the building will be taken out so the Campus will

not be entirely shut off from those looking out from the building.

Stakes have been set for the formal entrance and the highway department will pave the roadway so that it will not be the muddy place the old entrance always was after a rain. The new portal will be at the southern extremity of Abbot road and will extend to the Campus driveway ushering the visitor into the beauty of the place without the jars to an artistic sense felt when driving in west of the weather bureau building through ruts and mud puddles.

## EINSTEIN NOTES WORK OF CHARLES ST. JOHN, '87

Without general acknowledgement for his work until he had spent years in research and preparation C. E. St. John, '87, is now accorded considerable distinction because of his recent announcement that he had succeeded in proving one of the phases of the Einstein theory of relativity. Einstein is reported in the New York Times as being gratified by the discoveries attributed to Dr. St. John but still demanding that more proof be produced before the theory could be considered thoroughly proved because of the large number of factors affected.

It is not unusual to find M. A. C. engineers at the head of some branch of their profession, agricultural graduates of the College are expected to be leaders and many other vocations and professions have taken their share from the ranks of M. A. C. alumni but this is the first case on record where an astronomer recognizes the College as alma mater. Some of Dr. St. John's history and a short account of his achievements were printed in THE RECORD last spring but more have come to light. In April he was elected to the American Academy of Science and attended the dedication of the new building to be devoted to the use of that organization in Washington.

In the daily news there is seldom a notice of the work of the astronomers but for some time Dr. St. John's discovery caused comment throughout the press because of the importance attached to the Einstein theory as propounded by the German scientist a few years back. This is, however, no indication of the amount of effort they are expanding continuously in their search for scientific information and the case of this M. A. C. alumnus but serves to emphasize more strongly the part he and his fellow workers are playing.

The purpose of this work is not easy for the ordinary individual to understand but eventually, according to Dr. St. John, it is the hope of men working along such lines

that some means will be found to store and use the energy given by the sun and stars. He points out that the sources from which the world derives its energy are being depleted and that substitutes must be found.

The photograph shows Dr. St. John in his office at the Mt. Wilson observatory



near Pasadena, California, which he describes as having the largest, most complete equipment and buildings of any observatory in the United States. And in the gift of this outfit to science he sees a refutation of the argument, often advanced, that America is a nation of materialists.

It is probable that the use of amplifiers at the stadium dedication has started a system for out of door meetings which will make them much more attractive. Barbecue night and similar occasions will be made intelligible to the crowd instead of confining the interest in the ceremony to those who manage to gather close to the speakers' stand. It is also a possibility for out of door Commencement programs and similar events.

# FUMBLE GIVES GAME TO NORTHWESTERN

(Concluded from Page 89)

punted over the goal. Beckley punted out of bounds on his 43-yard line. Weinecke punted to the M. A. C. 19-yard line where Northwestern made the ball dead. M. A. C. had the ball on its 20-yard line when the quarter ended.

Richards passed to Robinson for four yards. Robinson downed Beckley's punt on the Northwestern 23-yard line. Baker made fifteen yards around his right end. Baker's punt was downed by Northwestern on the M. A. C. two-yard line. Two forward passes Beckley to Richards and Beckley to Robinson made first down. Other gains were small and Beckley punted. His kick was short and Weinecke signalled for a fair catch on the M. A. C. 30-yard line. Baker drop-kicked goal. Score: Northwestern, 13; M. A. C. 7.

Baker kicked over the goal. Fremont went into the backfield relieving Lioret. A pass failed and Fremont went around end for nine yards. Beckley made first down. Three more plays failed and Beckley punted to Solheim on his 23-yard line. Baker made sixteen yards around end.

Northwestern kicked out of danger and Baker stopped a rally by intercepting a pass on his 33-yard line returning to his 45-yard line before being stopped. Northwestern was set back fifteen yards for coaching from the side lines. Baker lost six yards. Weinecke punted to Fremont in the center of the field. Interference was ruled on an attempted forward pass and M. A. C. had the ball in Northwestern territory. A pass by Beckley was intercepted by Seidel. On two attempts Baker made first down. Collett went in for Kipke at end. Northwestern lost fifteen yards for holding. Baker made eight yards around end, Northwestern was set back five yards for delaying the game. Weinecke took the ball and ran back over his own goal giving M. A. C. two points and fending off any further attacks.

Goode gave his best exhibition of varsity football. The line, with Garver at

guard and Hultman at end was almost as good as in the Michigan game. Fumbling was the keynote of defeat.

NORTHWESTERN		M. A. C.
Seidel .....	L.E. ....	Hultman
Bruce .....	L.T. ....	Eckert
Parsons .....	L.G. ....	Garver
Lowry .....	C. ....	Eckerman
Cohen .....	R.G. ....	Hackett
Johnson .....	R.T. ....	Haskins
Matthews .....	R.E. ....	Robinson
Solheim .....	Q.B. ....	Richards
White .....	R.H. ....	Goode
Baker .....	L.H. ....	Lioret
Weinecke .....	F.B. ....	Neller

Substitutions—Kipke for Hultman for Garver, Beckley for Goode, Fremont for Lioret, Speikerman for Eckert, Rummell for Garver, Vogel for Eckerman, Collett for Robinson.

Points after touchdown—Neller, Weinecke. Touchdowns—Baker, Lioret. Field goal—Baker 2. Safety—Weinecke. Referee—A. T. Sihler (Illinois). Umpire—A. G. Reid (Michigan). Field judge—C. E. Eldridge (Michigan). Head linesman—J. J. Lipski (Chicago).

## MARRIAGES

### PRESCOTT-NEUMAN

Harvey Prescott, '24, and Frances Neuman, '23, were married July 5, 1924. They are living in Cleveland, Ohio, at 1833 E. 79th street. Prescott is connected with the Cleveland Museum of Natural History.

### CARPENTER-HALE

Announcement is made of the marriage of Oliver Carpenter, '24, and Irene Hale, '22, on September 14, 1924. They reside in Niagara Falls, New York, at 348 First street.

### PATENGE-RABY

Walter F. Patenge, '23, and Elvera Dorothea Raby were married in Lansing on September 19, 1924. Patenge is with the Piatt company of Lansing, and they live at 927 N. Chestnut street.

### SANFORD-HAITE

Leonard H. Sanford, w'24, and Thelma Haite, '22, were married September 20, 1924. They are at home at 805 N. Washington avenue, Lansing.

### GRAHAM-REMALEY

Announcement is made of the marriage on September 27, 1924, of Howard Graham, '23, and Alice Remaley of Ithaca, Michigan. They live at 706 E. Mt. Hope avenue, Lansing.

### DIMMERS-WEST

The marriage of Harry Dimmers, '24, and Sarah West, '23, on September 20, 1924, is announced. Dimmers is superintendent of schools at Frontier, Michigan, and they live on a farm near Hillsdale.

## CLASS NOTES

### '11

R. S. Russell has changed addresses in Kalamazoo, Michigan, to 1705 Lane blvd.

### '12

Ernest and Mae Parmalee ('11) Taylor who have been doing missionary work in South Africa have returned to Michigan to take up studies which will help them in their work in the foreign field. Mr. Taylor desires to study especially agricultural methods, and Mrs. Taylor is studying at Ypsilanti the care and training of delinquent children. The Taylors plan to remain in Michigan until some time in the spring when they will return to their efforts in Africa.

### '13

William Cummings has moved to Detroit where he lives at 3320 Blaine.

H. M. Ward reports the arrival of a son, Wayne Knox, on April 22, 1924. Ward is county highway engineer for Van Buren county, Michigan, with headquarters at Paw Paw.

### '15

Karl Meschke is with the Colonial Creosoting company at Bojalusa, Louisiana. He was formerly connected with the Georgia Creosoting company.

J. W. and Josephine Fry ('17) Nicolson are living in Oak Park, Illinois, 631 N. Elmwood.

Edgar U. Rice is development engineer of the lead covered cable division of the Western Electric company at Chicago. He lives in Elmhurst, Illinois, R. 1.

Box 488, Portland, Michigan, is the most recent address for K. H. Miller.

### '16

E. G. Smith received his M. B. A. degree from the Harvard Graduate School of Business, in June 1924. At present he is an instructor in that school and is doing a little work in the Graduate School of Arts and Sciences. His address is Acacia House, 15 Oxford street, Cambridge 38, Mass.

E. J. Menerey requests a change in his printed address to 1016 E. 10th street, Wilmington, Delaware.

G. W. Putman is at the U. P. Experiment station at Chatham, Mich.

Frederick Wise is a general contractor in Grand Rapids. He lives on Forest Grove avenue, Wyoming Park.

### '17

T. J. Bregger is in the orchard research department of the Stark Brothers Nurseries and Orchards company at Louisiana, Missouri. He

writes: "Has been an ideal season and I never saw a more beautiful October than we are having here. I spent most of September in New England which was a most restful change after a summer in Missouri. Glenn Thomas still here with Stark brothers and so far we make a Missouri alumni association by ourselves. Certainly good news to read of M. A. C.'s comeback into football prominence. Reads like old times in the years of '13 to '17, and I hope the revival is permanent."

Herman Andrews of Zeeland evidently possesses a radio set for he speaks of hearing the entire M. A. C.-Michigan game through WKAR. However, he plans to be on the scene of action next time.

Lowell O. Stuart is teaching surveying at Iowa State college, and lives at 721 Douglas avenue, Ames. He reports the birth of a daughter, Lois Anne.

### '18

According to postal information, R. J. DeMond has moved to Rushville, Illinois.

H. Curtis Howard claims that 1418 Malvern avenue, Los Angeles, will reach him now.

C. J. Overmyer adds to his blue slip: "I am now research chemist for Wadsworth, Howland and Co., Inc., of Boston and Brooklyn, at their main plant in Malden, Massachusetts. This paint and varnish industry is an intensely interesting one. As a further addition I wish to say that a baby girl, Margaret Elizabeth, arrived on October 2, 1924. She has already informed me that Parliament ought to change the Rhodes Scholarship Trust in order that girls might go to Oxford too."

"I am more than pleased to read of the wonderful progress made, both as to the enlarged enrollment and the increased number of new buildings. There are so many changes that I would not know the old campus now, for I have not seen it since '17, the year I enlisted in Battery A," writes A. V. Mooney, Chicago.

### '19

Harold Thayer has moved in Columbus, Ohio, to 934 E. Main street.

General delivery, Lockland, Cincinnati, Ohio, reaches Mrs. Warren Brockway (Gladys Gordon). street, Royal Oak, Michigan, is the new address.

The postoffice claims that 503 W. Fourth for Warren Hoyt.

### '20

R. E. Trippensee has requested a change in his printed address to 2280 S. Michigan avenue, Saginaw, W. S., Michigan.

Howard P. Haight may be reached at 220 Putman street, Syracuse.

Roland Shenefield has moved in Toledo, Ohio, to 1324 W. Delaware.

Marjorie Williams says that she is now in Petoskey, Michigan, at 117 Howard street.



## '21

The postoffice seems to be the only source of information in regard to the movements of '21. The following new addresses were given by the postoffice department: Hollis Norman, 205 Olmstead Road, Riverside, Illinois; Leon Catlin, Ojai, California; Wilma Strauch, Vernon, Michigan; Ray Schenck, 433 Albert, East Lansing; and Ethel M. Smith is no longer in Menominee, Michigan.

## '22

Marguerite Gunn is teaching in Dearborn and enjoying it more as time progresses. She lives at 127 E. Garrison street.

Cheryl Windes Olsen is managing the Y. W. C. A. cafeteria in Beloit, Wisconsin, and lives at 924 Oak street.

Leonard Vear may be addressed at 17 Genesee, Apartment 5, Lockport, New York.

George F. Schulgen holds the rank of lieutenant in the U. S. A. air service, and is located at Kelly Field, San Antonio, Texas. He says that Lieut. Harry W. Cunn is taking the same course.

Fanny E. Rentola records a change of address to 320 E. Frank street, Caro, Michigan.

R. H. Westveld is at the school of forestry at Yale University in connection with a fellowship in silviculture. He lives at 70 Winchester avenue, New Haven, Conn.

## '23

Oran Rowland says that he has changed jobs. He is now agricultural agent for the Missouri Pacific railroad with eastern Arkansas for territory. He is located at 2309 West 16th street, Little Rock, Ark.

Hazel J. Loomis claims a new address, it being Box 307, Lockport, Illinois.

Edward Ludwig of River Bend Orchards, South Haven, Michigan, reports the birth of Lois Marie on October 4, 1924.

Arthur Lukowski is living in Detroit at 9392 Lessing street.

G. M. Reams is traffic engineering with the Bell Telephone company in Ann Arbor.

Argos, Indiana, is the new address for Kathleen Miller.

K. M. Farley has decided to go back to his old address which is 1421 Arch street, Philadelphia, Pa.

George Postmus is located in Kansas City, Missouri, 1513 Genesee st.

66 Hazelwood avenue, Detroit, will reach C. Edward Johnson.

Forrest Grim is teaching mathematics and general science at Sturgis, Michigan.

Walter Monfort should be addressed Box 471, Walkerton, Indiana.

P. J. Truscott writes from 1919 G street N. W., Washington, D. C.: "Received an appointment as junior examiner at the Patent office, so here

I am. Washington is a beautiful place and I like it. Everyone is baseball crazy here and the business conditions here are terrible due to the numerous score boards and radio sets distributed over the city. A score board is conveniently located across the street from the office where we can see it and radio in one of the rooms gives us all of the inside dope on the worlds series. Imagine the result for yourself. Scalpers got as high as \$140 a seat for a box seat for the three games, tickets selling ordinarily for \$26.40. Mr. Kinnan an old M. A. C. graduate, is first assistant examiner here. He informed me that I arrived a little too late to enjoy a banquet the M. A. C. club gave recently. Missed it by two days in fact."

## '24

G. A. Trollope is located in Auburn, Alabama, where he is poultry extension specialist for the Alabama Polytechnic Institute.

Edna Larkin has moved in Detroit to 580 South Philip avenue.

Kenneth Wilde may be reached at Gaastra, Michigan.

Dudley Pritchard says he has moved in Grand Rapids. He is now at 423 Eastern avenue S. E. Dorothy Tichenor receives her RECORD at Hobart, Indiana.

Springport, Michigan, is the new address for Durward Washburn.

Celia Yeatter may be reached in care of B. T. Knight, Palisades, Colo.

Roberta Hershey is red cross nutrition worker with headquarters in Atlanta, Georgia. At present she is working in Granville county, North Carolina, and may be reached at Oxford, N. C.

Alice Hitchcock is teaching foods and clothing in the Sparta, Michigan, high school.

Joseph J. Jasper lives in Lansing at 817 Cleveland street.

H. J. Foulkes and T. B. Eldred are working in Waukegan, Illinois, in a new central station of the Public Service company. They live at 335 N. Genesee street.

51 Medbury, Detroit, reaches Herman Jennings.

Charles G. Evans is working for the Bell Telephone company in Grand Rapids. He lives in a five room apartment at 103 E. Michigan street and extends a welcome to M. A. C. folks who tarry in the Furniture City.

H. Firth Anderson makes this positive statement: "Until proven otherwise, I claim the title of being the first member of the class of 1924 to be married after graduation. Married Miss Irene Bowser, '27, of Lansing, on June 16, 1924, at 1:00 p. m. I am now a bridge inspector for the state highway department, located at Clare, Michigan." Anderson's permanent address is 612 W. Allegan street, Lansing.

The following are extracts from a letter written by Don Clark and postmarked W. Beaver

Ranger station, Fox Park, Wyoming. "You will no doubt be surprised at my presence in the backwoods and not at the U. of Ga. The service offered me an F. A. appointment up here on a tie sale at much better pay. Having fallen in love with this country, and doubting my capability as an instructor with no field experience to back me up, I did not accept the Georgia offer, but this instead. Have received one copy of THE RECORD which was like a letter from home, and will be waiting each mail for more. By the way, is the Michigan game to be broadcasted by radio? There is a good outfit here and I'll be glad to know what time the game starts, also the wave length of WKAR. Have had three different snows up here so far and look for the big one about October 1. The supervisor, Hilton, on the Medicine Bow is an M. A. C. man. Have found as a general rule that M. A. C. ranks pretty well up in the Service."

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