The College Man at Work.

DR. R. C. KEDZIE.

The popular idea of what a College man is and what he should do is often perplexing, and sometimes amusing statements often appear in the newspapers which would lead us to conclude that the most effective way to destroy a boy's usefulness is to send him to college. We are asked to believe that the more active the brain, the more useless the hands—that mental activity paralyzes working ability.

It is hardly natural to suppose that the power of mental concentration, quickened by good perception, and self-control that are brought into daily action in the drill and discipline acquired in four years of college life should be of no use in daily life and business, no matter what the new conditions may be. The boy who goes to college (no sent) who will endure hardships, toil, and the many rebuffs of college life, for the sake of knowing will not thereby be weakened for the race of life. For the college boy the same as every boy there is one motive for success—whatever thy hand findeth to do, do it with thy might.

For the boy who goes to college in this spirit, doing the hard things faithfully, enduring the unpleasant things cheerfully with a stout heart and honest purpose, his keep his eye on his future which will so soon be his present future. Giving the thing he is doing the attention it will give increased powers for every mission and a broad manliness for life.

Once heard a man say to a widowed mother, "Don't send S. to college and make a poor preacher out of a good haymaker," but the mother's heart had the keener insight into the capabilities of her son.

In the course of a long life I have met a great many college men, graduates of this College, and of other colleges, and it is difficult to recall the names of a dozen men who were not made better and more efficient by their college training, while I have known hundreds of graduates who have expanded into a broader manhood, and have become more useful citizens and better workers by reason of such college training. But I bring other testimony. If there is any class of men, hard-headed, clear-sighted, and with no sentimental nonsense, it is the managers of trolley roads in large cities. I quote their opinions from the Brooklyn Rapid Transit Company. The collegians are to be found these days working in some useful calling, honorably doing good work. One reason for this is that labor is honorable at the College. They not only work, but find them everywhere honored and respected, often filling positions of responsibility, and all of them at work in some useful calling, honoring labor by linking intelligence with toil. Honesty, integrity and uprightness of life characterize the almost to a man.

Of the 836 graduates I have known only one who put on prison stripes.

OPINION OF EX-GOV. LUCE.

In a recent conversation with Ex-Gov. Luce he dropped the following remarks: "In travelling over the State I keep an eye out to see what the students from the Agricultural

 colleges are doing. I never find them standing around the street corners waiting for something to turn up. They are all at work at something or other, and are doing good work... One reason for this is that labor is honorable at the College. They not only work, but they do good and faithful work in any calling to which they turn their hands."

Dr. W. J. Beal addressed the Tenth Annual Reunion of the Ferris Institute at Big Rapids, on July 19, his subject being "Nature Study. Two former M. A. C. students, Gerrit Masselink, '95, and Bert Scott Travis, with '88 are members of the Ferris faculty."

The wood-shop has added to its equipment a Diamond Foot-Power Mortising Machine made at Seneca Falls, N. Y.

The first of July found Michigan well supplied with rain, which has had a good consequence with crops growing luxuriously. A trip across Lake Michigan from Chicago gives a refreshing change from the hot and dusty train and so the morning of July 7th was delightfully invigorated by a cool night on the "Farrington" which brought us from Holland in a rate of twenty miles an hour.

This boat is a new one and will be heard from among the fast ones on the great lakes.

From Chicago south to New Orleans it was interesting to note the greener beauty of the crops as we went southward. At Chicago's suburbs the wheat was just cut. At Champagn it was stacked or the threshers were at work, while in Tennessee and Kentucky the oats were in the shock. The corn too was small and seemingly worked out of a good haymaker, but the widow mother, "Don't send S. to college, it is a pleasure to meet these old members of the Ferris faculty."

Dr. W. J. Beal addressed the Tenth Annual Reunion of the Ferris Institute at Big Rapids, on July 19, his subject being "Nature Study. Two former M. A. C. students, Gerrit Masselink, '95, and Bert Scott Travis, with '88 are members of the Ferris faculty."

The wood-shop has added to its equipment a Diamond Foot-Power Mortising Machine made at Seneca Falls, N. Y.
THE M. A. C. RECORD.

Published Weekly by the Michigan Agricultural College.

EDITED BY THE FACULTY.

Addressed to the Students.

Subscriptions should be sent to the Recorder, Agricultural College, East Lansing.

Subscription—$1.00 per Year.

Send money by P. O. Money Order, Draft, or Registered Letter.

Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa Street.

Record is edited as class-master at Lansing, Mich.

For further information the M. A. C. RECORD is occasionally sent to those who have not subscribed, without charge, on the understanding that no hesitation about taking the paper from the postoffice is made by them.

The only way, however, to secure the RECORD regularly is to subscribe.

Record Staff.

HOBERT EDWARDS.
Victor H. Hoyt.

August Frey, of the Adelphi Society.

T. G. Phillips, of the Esthetic Society.

Miss Grace Of, of the Forensic Society.

C. B. Cook, E. W. William's, of the Hypocrite Society.

Miss Claire Dean, of the Themian Society.

G. C. Humphrey, of the Hesperian Society.

T. G. Phillips, of the Eclectic Society.

Communications and other matter pertaining to the contents of the RECORD should be sent to Howard Edwards, Editor of the RECORD.

We publish portraits of Doctors Kendall and Smith, the great old men of M. A. C. The former has been for thirty-eight years head of the department of Agriculture, and the latter for thirty-one years head of the botanical department. Both have seen the rapid development of the institution from humble beginnings to its present proud eminence; both have been prominent and successful in bringing this about. They have given the best part of their lives to this institution, and from them a man and woman feel an affectionate pride in them.

It will be a source of great pleasure to all interested in the welfare of M. A. C. to see the portraits of Doctors Kendall and Smith, the efficient Director of the Experiment Station and Dean of Short Courses, has refused the offer of a more lucrative position in the College of Agriculture and Mechanical Arts, to which he was recently called. Both deserve our thanks for their faithful service.

From Michigan to Mexico.

(Continued from last page.)

The streets were clean, the sidewalks wide on the main streets and muddy on the narrow streets that called side streets. I lack time to describe either the city or its beautiful parishes.

West of New Orleans we were carried almost at once into vast belts of timber, forest after forest for miles and miles. Across the food and yellow pine, cypress and various hardwoods made up the bulk of the valuable timber, and were covered as were all the trees for that matter, with moss, added a picturesque effect to the woods and further making in our drier climate. West of the forests came the great sugar belt of Louisiana. Here as far as the eye could reach over the level country were cane and core fields. The cane was then shoulder high and the reason of abundant rains was axiomatic to the last degree.

The rotation of crops practiced is two years corn, one year cotton and one cotton. This method of farming is the parish through which we went with a daily capacity of a thousand tons of cane each. The soil was a dark loam of apparently inexhaustible fertility. Along all the winding water courses were noble trees and plantations of cypress and elm. There were splendid lawns with live oaks to shelter house and quarters from the sun. It is little wonder that the Acadian peasants driven out of Nova Scotia should have settled in this fair and fertile region.

Still west of the sugar cane we came to the rice belt of Louisiana and Texas. This venture is a relatively new one yet. There were two days and two nights of row unkempt streets and where the stores offer you doubtful relics of one and two-dollar stores of the present day said to be made by Mexican women but undoubtedly the product of looms made in England. The Noble Rio Grande is a dry bed which you can cross anywhere dry shoe.

Agricultural Department Year Book.

I have just received a copy of the famous Department of Agriculture Department of Agriculture for 1900, a well illustrated volume of nearly 900 pages containing papers of great value. It beats the old patent office reports of the sixties out of sight. Whereas editors and statements of the work of the department, there are thirty articles of especial interest in some line of agricultural preparation. There were produced in this section last year nearly two million barrels of rice, and rice was baled in Crowes alone at any other one point in the world. Growing rice is a simple process. The land is plowed in the fall, well cultivated, sown with rice, using an ordinary grain drill for the purpose. In February and March, allowed to grow to a height of three inches, then flooded an inch or so deep and kept flooded until the crop matured. When the water was off, the land allowed to dry, a self binder put in and the crop gathered together.

It is threes with a thrresher built for the purpose, our own state farming most of the machines. Two varieties of rice are grown, Japanese and Honduras. The crop yields on the average ten barrels per acre, worth thirty dollars. Naturally rice is impossible without irrigation and a large expense.

West still of the rice region come the dry prairies of Texas. One seeks to travel over gigantic Pacific railroad once to appreciate the magnitude of the empire we call the United States and thirty days to go across it from east to west on an express train. True, where the Pacific cross the Mississippi, there is a desert, a realm of desolation unbroken by oases, a succession of cacti, mesquite and soto, with scattered flocks of cattle and sheep wherever the river makes life possible for stock. Both north and south of this treeless waste there are vast tracts of land, growing immense crops of corn, cotton, and even wheat and hay.

There is no denying the fact, however, that a ride through Texas in July with the thermometer scarcely below ninety, day or night, and running up to a hundred and fifty on a fine day, is not altogether pleasant. It is the perpetual breeze alone that makes life endurable.

So the journey through Texas finds its end at El Paso on the Mexican border. The city has little claim to notice except the fact that it is on the Texas-Mexico line and is the commercial point of the last Mexican city. Two days and two nights west of El Paso on the Mexico side the city is Juarez where whitewashed adobe homes are the story and where the wide open unrestricted streets and where the stores offer you doubtful relics of one and two-dollar stores of the present day said to be made by Mexican women but undoubtedly the product of looms made in England. The Noble Rio Grande is a dry bed which you can cross anywhere dry shoe.

A Brisk Demand for Capable Men and Women.

When beef and pork bear a good price and the best of farmers are feeling pretty well, there are more likely to be students ready to try the agricultural course. When there is a brisk demand for electrical engineers at good wages, the course of this five-year school begins to have some real value. But when the market is well filled, but if there is a little depression in the business it is a great thing that there is in such a course a dwindler in number and seek something else which just by promise better. Nearly all students on graduation are "dead broke" or worse off and are dependent on employment by others.

Never before was the prospect apparently better for a young man or woman business man — in short in every profession and occupation requiring thorough practical education and a good stock of snap and gumption.

The last graduating class in all three departments, agriculture, mechanical engineering, and domestic science and art have quickly been sought for at good wages.

Does not defeat the argument because every one does not find such a career a place promptly. The reasons for such failure need not be given here. In domestic science the situation is the same among our famous wits, the affair was a great success.

W. J. B.

August 13, 1901.

W. J. B.
About the Campus.

Professor Velder and family are at home.

Professor Barrows and family took a cottage for ten days in July at Pine Lake.

Mr. Landon, the librarian, left July 30 for a short visit to her old home in Niles, Mich.

Prof. J. D. Towar will address the Farmington Institute at Onatake, Alpena county, August 14.

Prof. W. O. Hedrick spent six weeks in advanced study in histology and embryology at the University of Chicago.

Professors Holdsworth and U. P. Hedrick and families are at their cottages in Northern Michigan.

Dr. and Mrs. Waterman are spending the vacation at their old home in Salem, Washtenaw county.

President Snyder, Mrs. Snyder, and children left July 24 for a three weeks' visit to the Pan American Exposition, Buffalo, and their old home in Pennsylvania.

Mrs. Mumford has been spending the vacation at Moscow, where the Professor owns a fine stock farm. Professor Mumford has alternated between there and M. A. C.

Professor and Mrs. Babcock arrived home August 1, after a delightful trip through the American. They left Mr. and Mrs. Dean still doing the fair.

Professor C. F. Wheeler, Miss Addie McGillvra, and Mr. D. L. Wheeler left Monday, July 29 for a month's vacation. They will visit Detroit, Buffalo, and their old home, Mexico, N. Y.

Rev. J. J. Dunlop, of Roxbury, Mass., who is visiting Professor and Mrs. Towar, preached last Sunday at the Congregational Church. He will deliver a second sermon August 18.

Adrian Nagelvoort, '01, visited the College Saturday in the morning; they slept there and took the train from Detroit on the excursion. He is assisting in the horticultural work at the golf course cemetery during the vacation.

The chemical laboratory has added to its equipment a Tareman's Percentage Scale which calculates the per cent. of tare in beets automatically. The scale is manufactured by Chaitlin & Sons, N. Y.

The following mechanical student worked during the summer in the shops: G. A. Morley, F. V. Townsend, A. Strong, L. H. Tay- lor, Mr. John Michels, T. B. Chase, W. J. Bailey, W. W. Wells, and L. B. Littell.

Dick J. Crosby, '93, who was for a number of years assistant teacher in studying and teaching force of the College, and is now in the Department of Agriculture at Washington, spent a number of months here at the home of his mother.

Professors Marshall and Atkins have been doing research work in horticulture and botany at the University of Michigan. Mr. A. H. Taylor, instructor in physiology and zoology, and instructor in chemistry have also been studying in Ann Arbor.

Messrs. Ferguson and Reynolds left on August 1 for a visit to Toronto and Buffalo, after which the former will go to his home at Smith's Falls, Ont., and the latter to Chicago, the rest of his vacations he will spend in the New York, Atlantic City, and Philadelphia.

Mr. John Michels, instructor in drawing, returned August 1 from a month's vacation at his home in Fen du Lac county, Wis. He made a thorough inspection of the strawberry and cherry orchards of Cheboygan, Fon du Lac, Manitowoc, and Calumet counties.

In an interview Dr. A. C. True, Director of the Experiment Station, Washington, D. C., stated that his experience with M. A. C. graduates at the University of Michigan led him to say unhesitatingly that our students were well-trained; not the least valuable characteristic of our men being their capacity and willingness to perform hard work.

Old Students.

J. F. Costes, '01, is with Hill & Co., Kalamazoo.

W. J. Bailey, '01, is with the Page Woven-Wire Fence Co., Monessen, Pa.

R. M. Lickly, '01, is doing draughting for the Brooks Loconi­ tion Co., Dunkirk, N. Y.

Miss Cellie Harrison, '01, is superintendent of the kitchen at the University Hospital, Ann Arbor.

N. A. McCune, '01, entered upon his position as instructor of biology in Berea College, Berea, Ky.

Miss Alice Gunn, '01, has been filling a temporary vacancy at the Harper Hospital, Detroit, as superintendent of the diet kitchen.

Professor Eugene Davenport, '78, dean of the College of Agriculture, University of Illinois spent a few days here last week as the guest of Miss Florence McLean Winger and Dr. William Chandler Bagley, '93, in connection with an appointment from Dr. Lincoln, N. Y., regretting our inability to be present, we extend to the happy couple our best wishes.

G. C. Lawrence, '85, resigned his position at the Industrial School, August 1, to accept a position in the Government Indian Schools at Rosbud, S. D. Mr. Lawrence will be principal of one of the schools, and Mrs. Lawrence will teach household and sewing in the same school.

L. J. Briggs, '93, assistant chief of division of soils in the U. S. Department of Agriculture, has accepted the degree of Ph. D. at Johns Hopkins University, with a thesis on The Absorption of Water, Vapor, Carbon Dioxide and Certain Substances in Aquous Solution by Finely Divided Quarznites.

G. A. McCaa, Gordon Tower, and Hugh Baker, all '01, have been working since graduation with the United States Forestry Commission; the former is the Adjunct Chief of the Division of Forestry in Idaho, and the last in Nebraska. Baker has accepted an extension appointment in botany at the North Dakota Agricultural College for next year.

Macy H. Lapham, '99, writes to the Record that his present address is Philadelphia, Pa.

Miss Emmas Root consolidated her interests with mine for life. We will have our headquarters forever established at Newaygo after October 1, and the first thing we will do will be to get to know our friends. In the meantime we will spend the warm summer months at my cottage "Brooke Lakes," Mr. Anserge is connected with Newaygo Portland Cement Company.

In Bulletin 159, Cornell University Agricultural Experiment Station, entitled "An Account of Experiment with fertilizers, with special reference to Strawberry Growing, in the Oswego District," appears the name of C. B. Cook, an M. A. C. graduate. He reports that the yield of strawberries on each of 11 acres, grown on one acre of land, soil from gravelly to garden loam. At one place yields were increased by 600 per cent; at another they were increased by 60 per cent.

Grand Excursions to M. A. C.


If you come, bring your lunch and eat it under the splendid shade trees that surround the College campus.

We publish, in full below, the time tables of the excursion trains and give the directions for getting near one of these routes, can you not make it a point to reach some of these stations the night before the excursion, so as to take advantage of this low rate?

TO YOUNG MEN AND WOMEN.

If you are thinking of entering the College, and have not quite decided, do not fail to come on one of these excursions. If you have decided that if you will come here and look around the grounds, you will make right for the office and have him save a room for you.

Tuesday, August 20, 1901.

LAKE SHORE & MICHIGAN SOUTHERN RAILWAY.

Round Trip Rates

Leaves Lathrup Village 5.00  15.00

Lakin 5.25  15.50

St. Clair 5.50  16.00

St. Claire 5.75  16.50

St. John's 6.00  17.00

St. Clair Shores 6.50  18.00

Arrives Detroit 7.00  18.50

Leaves Lathrup Village 7.00  18.50

AND MORE.

TOURISTS' RATES.

For the same trains, but not running direct to Ann Arbor, and making a thorough inspection of the grounds of the College, the Univer-
## THE M. A. C. RECORD.  
**AUGUST 13, 1901.**

### MICHIGAN CENTRAL RAILROAD.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Detroit</td>
<td>7:55 A.M.</td>
<td>$1.15</td>
</tr>
<tr>
<td>Leave Lansing</td>
<td>7:50 P.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Leave Corunna</td>
<td>7:12 A.M.</td>
<td>$0.80</td>
</tr>
<tr>
<td>Leave Owosso</td>
<td>7:20 A.M.</td>
<td>$0.95</td>
</tr>
<tr>
<td>Leave Gaines</td>
<td>7:25 A.M.</td>
<td>$1.00</td>
</tr>
<tr>
<td>Leave Holly</td>
<td>7:30 A.M.</td>
<td>$1.20</td>
</tr>
<tr>
<td>Leave Drayton Plains</td>
<td>7:37 A.M.</td>
<td>$1.50</td>
</tr>
<tr>
<td>Leave Gratiot Avenue</td>
<td>7:40 A.M.</td>
<td>$1.80</td>
</tr>
<tr>
<td>Leave Birmingham</td>
<td>7:45 A.M.</td>
<td>$1.65</td>
</tr>
<tr>
<td>Leave Royal Oak</td>
<td>7:35 A.M.</td>
<td>$1.75</td>
</tr>
<tr>
<td>Leave Scotts</td>
<td>6:27 A.M.</td>
<td>$1.25</td>
</tr>
<tr>
<td>Leave Millett</td>
<td>8:22 A.M.</td>
<td>$0.35</td>
</tr>
<tr>
<td>Leave Charlotte</td>
<td>7:55 A.M.</td>
<td>$0.75</td>
</tr>
<tr>
<td>Return Special Train will leave Agricultural College grounds at 5:05 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Children under 12, half fare.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PERE MARQUETTE RAILROAD.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Grand Blanc</td>
<td>6:35 A.M.</td>
<td>$1.00</td>
</tr>
<tr>
<td>Leave Bay City</td>
<td>2:45 A.M.</td>
<td>$0.75</td>
</tr>
<tr>
<td>Leave Saginaw</td>
<td>2:00 A.M.</td>
<td>$3.20</td>
</tr>
<tr>
<td>Leave Trowbridge</td>
<td>11:45 A.M.</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

### ARN ARBOR RAILROAD AND MICHIGAN CENTRAL RAILWAY.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Cedar Lake</td>
<td>5:30 A.M.</td>
<td>$0.95</td>
</tr>
<tr>
<td>Return special train will leave Agricultural College grounds at 10:55 A.M.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### THE M. A. C. RECORD.  
**AUGUST 14, 1901.**

### Round Trip Rates A.M. Adults Child's

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Jackson</td>
<td>7:00 A.M.</td>
<td>$0.85</td>
</tr>
<tr>
<td>Return special train will leave Agricultural College, Lansing 5:30 P.M. same day.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MICHIGAN CENTRAL RAILROAD.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Detroit</td>
<td>7:00 A.M.</td>
<td>$1.00</td>
</tr>
<tr>
<td>Leave Lansing</td>
<td>7:30 P.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Leave New Richmond</td>
<td>7:32 A.M.</td>
<td>$1.50</td>
</tr>
<tr>
<td>Leave Grand Haven</td>
<td>7:04 A.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Leave Muskegon</td>
<td>6:30 A.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Leave Birmingham</td>
<td>7:00 A.M.</td>
<td>$1.00</td>
</tr>
<tr>
<td>Return Special Train will leave Agricultural College grounds at 5:30 P.M. and running through to Cassopolis.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ANN ARBOR RAILROAD.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Trowbridge</td>
<td>11:45 A.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Return special train will leave Agricultural College grounds at 5:05 P.M. and running through to Cassopolis.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Ann Arbor Railroad.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave Trowbridge</td>
<td>11:45 A.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Return special train will leave Agricultural College grounds at 5:05 P.M. and running through to Cassopolis.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### THE M. A. C. RECORD.  
**AUGUST 24, 1901.**

### PERE MARQUETTE RAILROAD.

<table>
<thead>
<tr>
<th>Destination</th>
<th>Time</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leave St. Joseph (Sp. Train)</td>
<td>5:30 A.M.</td>
<td>$2.00</td>
</tr>
<tr>
<td>Return Special Train will leave Agricultural College at 7:15 P.M. and Lansing at 7:45 P.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Children under 12, half fare.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** The document contains information about train schedules and fares for various destinations, including Special Trains and Children's fares. It also mentions the Agricultural College and special trains connecting with regular trains. The document is a combination of regular train schedules and special signals for agricultural education and special trains.