

EDUCATIONAL MATTERS.

The Agricultural College—Its Aim, Scope, Purpose and Equipment

BY THE COURT: 2248 J. MAC KINAY

Agriculture as we know it is still in the human race. Agriculture as a science is of only recent date. Even so, it is not still in the process of evolution. Sageacious American statesmen have long ago seen that the killing of the soil, the foundation of all industries, the industry without which there never has been, and never can be any civilization, the industry which, if carried on unsustainably, endangers the natural laws, demands the most natural laws, demands greater intelligence, skill and patience, but promises more certain returns, and, whence more satisfaction than any other calling, should be specially fostered, and should have placed at its disposal special facilities for its scientific development, they wisely provided therefore for its encouragement and support. Nearly half a century ago, Michigan, as a pioneer school for the enterprise of the North American society. A quarter of a century ago, other states began to establish such schools. Gradually

But it seems wiser to know more fully the details and to consult our personnel for our purpose. Thinking most are such good people, I am sure we will find the place. The location is beautiful. The Cache Valley is one of the most charming. In the Territory, obtained on a much smaller scale, it is the most beautiful. It overlooks the entire valley, with its ever-blooming hills and thriving villages. The

Our curriculum is ten years old. One of the youngest of the agricultural colleges, it yields to none in its enterprise and determination to become a first-class institution whose object shall be the intelligent investigation and application of subjects relating to agriculture, and the mechanic and domestic arts, to young men and young women into better methods, and better processes in their chosen industries, thus educating them in the best manner for their cultured and practical manifold usefulness. There is nothing original in this, but it is a very good thing to be able to select the best ideas and best methods established in a score or two of the best schools of the world, from Maine to California. Men and women trained in these older schools for their special lines of work, have been the best of help to us in the development of their purpose, has been beyond question, have been placed in the curriculum. It is original in equipment, in the use of the best methods of instruction, as well as its fundamental purpose, have been adopted in the institutions of this country. It is original in that it achieves its purpose, like its predecessor, it will not only dignify the agricultural curriculum, but will be equipped with a new light the path of the farmer.

and application of the laws of agricultural chemistry, physics, physiology, botany, zoology, and vegetation, and of sanitary and sanitary to both, cultivation, rotation, and marketing of crops, together with the care of farm buildings and machinery, and the breeding and raising of stock.

The curriculum is a well-illustrated treatise on all general practice on a farm or one specialized aspect, with modern findings incorporated, and the best breeds of animals. This farm is supposed to be managed according to the best methods, so that the student may learn by doing. The student may gain practical knowledge and skill in most of the details of the fundamental

The departments of physics, horticulture, chemistry, physics, biology, and geology are directly connected with the other departments of the university and are directly connected with the sciences of agriculture. Each has its own laboratory and its own department. The horticultural department has an experimental garden and forcing house in the city. The department of physics has a large laboratory building with its own gas and electric supply, and its own laboratory. The department of chemistry has its own laboratory and its own gas and electric supply. The department of biology has its own laboratory and its own gas and electric supply. The department of geology has its own laboratory and its own gas and electric supply. The department of physics has its own laboratory and its own gas and electric supply. The department of chemistry has its own laboratory and its own gas and electric supply. The department of biology has its own laboratory and its own gas and electric supply. The department of geology has its own laboratory and its own gas and electric supply.

[illegible]

tion to suffering in England had thought that the employment of such slaves was a necessary evil, and that the Government should be supported by public patronage. Experience confirmed his opinion. The plant is expensive, and the laborer is ignorant and slow. All education is despised, and the small capital must be obtained and maintained by the State. Industrial education is a novel and expensive thing, and the Government has been the chief agent in its introduction. It takes longer to develop its facilities. It requires more apparatus. It requires a larger capital of equipment. It needs a larger staff of men and women. It needs a larger staff of money. It needs the results of the experiment warranted than a man could expect.

[illegible]

mechanism. That insulation will not get the controlling factors in our body politic, and, therefore, in our business, into the hands of our political leaders is to be anticipated largely by our ability to manufacture as well as to sell. As therefore, any effort to reform the political process must be directed first into our shops, and theoretical instruction and manual training must be put into our students. Our shops and our schools must be made to reflect the life of the modern, and American, home. Too large a proportion of our master mechanics and foremen are foreigners, and the practical training of our apprentices, or of apprenticeships, and in co-operation with the genius of our institutions. We must, therefore, to meet the needs of the future, make education more than a thing. Our education must have a life. There is a large, and well defined, class, then, for the work of our institutions, and the departments, departments where they be taught and where they be learned, in which our children are deprived, and whose practice may be said to be of no manner of use to them and so forth. The workshop is no longer a thing. In this there is nothing new nor importantly new, a discussion of capital principles, and the principles of the workshop, must be institutions capable of making intelligent mechanics, millwrights, sawmillers, experts in all the mechanical laws of the world. The workshop must be a place of learning, and the strength of material, of application of force, of inertia, of friction, of the laws of the workshop, and all the laws of chemistry, with manual skill to embody this knowledge in a concrete product. Any man with the ability to do this, and to do it with distance his competitor, is a man of

General principles of science. Industrial skill is mainly more *practicable* when it goes hand in hand with scientific knowledge. The object of this mechanical department of the college is to give the young men who have aptitude and interest in these occupations a sound knowledge in drawing and design, thorough instruction in all the principles of mechanics mentioned, give him daily work at the lathe, the lathe, the bench, the engine and at the end of his course send him out as a journeyman or apprentice of engineer, or even as intelligent artisan. The student is not to be misled by the name of mechanical department, and must perceive that he is always working himself out with his responsibility of forming work developed. Such a man is on the road to the high

its influence, whether in the sphere of the sciences or in that of the arts. It must be granted that college level courses are generally somewhat byzantine, and that the student must be able to think critically. Their attitude toward labor depends on the culture in which they are educated. The average student coming from abroad is likely to have come from a society in which the student is given the right to be educated for a number of years. It is not often given to its students very skilled notions about the dignity of education and the value of the work which it entails. It is not a society in which it is held that the student who does not work that he awaits time as college graduate. Students possessing the notion that the student is entitled to be educated are not the communist, the aggressive, enterprising citizens who are the backbone of the world. It is something better than apathy, and says to make their own way in the world. It is not the attitude which can create the student and preserve the teacher, by great cultures in the main, the student of the sciences, the woman intellectual and our dearest the housewife. I believe the Agricultural College is the only one in the world. It is the purpose throughout the student's career at the College to give him the opportunity to work.

[illegible]

largely unbound sleep and a healthy stomach. Our girls are taught to be hygienic. They are not above giving careful attention to a bad cold or a round of tennis. Their love and religion are the targets of the condition of the stomach, and this depends on the quality and quantity of food. A well fed man reasons better, loves more warmly, gives more generously, plays more fervently, and is generally more agreeable than a starving one.

It is a mistake that a man uneducated is allowed the mind. We all demand culture, taste, eloquence in the courtesies of our daily lives. We all respect either man or woman, or ourselves the more for being well dressed.

recognizing the importance of the home, we teach our girls to design, cut, fit, and make all kinds of garments from the simple dress to the elaborate ball or reception costume, or wedding "suit." In addition to facilities for the study of the history of dress-making, we opportunistically catered for the study of history, literature, and the construction of the language of the young, elegant American lady. Any young woman, therefore, in completing this course, would be able to make a dress for herself, to plan and build a home, and to bear part of all social duties, no matter in what social position she might find herself.

No school in the land more fully recognizes the ideal of the new education, "Learn to do by doing." At every step, the girl is given the opportunity to do. We have not merely a school of observation and instruction, but a school of experience. The girl is given assignments—on the farm, in the garden, in the laboratory, in the museum, on the railroad, on the river, in the workshop, in the office, and upon special tables, and in the shops.

I may have insisted too strongly on the importance of the girl's education for instruction as to her, given an impression

[illegible]

We asserted that while the Germans had produced poets, painters, playwrights, scholars, scientists and songwriters, the Americans had produced a country full of inventors, statesmen, and money kings. While the Germans are timorous of the world of mind, the Americans had been conquering the world of matter. He would live, naturally, and sensibly to have Germany conquer both. The fact is, that for a year or more William had been eating American corn and American pork, and those articles are working into American enterprise.

Pain and Aches.

We all have pains and aches, but they needn't last long—not any longer than it takes to put on an ALLOKON PAINLESS FLASTER. The only thing to look out for is that you get the right plaster. There are others, but you can't waste time by trying them for when you need a plaster right now, and there's no time for "experimenting" and finding out mistakes then. Ask for ALLOKON'S PAINLESS FLASTER and get that you get them. If they don't do what you need, tell them that you're the best at good advice for you. ALLOKON'S PAINLESS FLASTER is so quick and sure, and recognized by the highest medical authorities everywhere, that it is the best choice for every pain and ache, every condition.

PIONEER DAY.
Wagoner's Grove and Pioneer Park.
At the mouth of Emigration Canyon. The coolest and most shady place in this vicinity. Only 400 rods from Camp Douglas.

When they married, we gave her Castro.
When she was a child, we tried for Castro.
When she became Mom, she longed for Castro.
When she had children, she gave them Castro.

EXCURSION RATES.
Via the Union Pacific, July 22d and 23d.

Union Pacific will sell excursion tickets from and to all stations in Utah July 13th and 14th, limited for return to July 20th, at rate of one fare for the round trip.

Garfield Beach Trains

Commencing July 10, Garfield News
Trains will Run as Follows:

DATE	DEBIT	CREDIT	BALANCE
1971			
1-1	100.00		100.00
1-15	50.00		50.00
1-31	25.00		25.00
2-1		100.00	125.00
2-15	75.00		50.00
2-28	25.00		25.00
3-1		100.00	125.00
3-15	50.00		75.00
3-31	25.00		50.00
4-1		100.00	150.00
4-15	75.00		75.00
4-30	25.00		50.00
5-1		100.00	150.00
5-15	75.00		75.00
5-31	25.00		50.00
6-1		100.00	150.00
6-15	75.00		75.00
6-30	25.00		50.00
7-1		100.00	150.00
7-15	75.00		75.00
7-31	25.00		50.00
8-1		100.00	150.00
8-15	75.00		75.00
8-31	25.00		50.00
9-1		100.00	150.00
9-15	75.00		75.00
9-30	25.00		50.00
10-1		100.00	150.00
10-15	75.00		75.00
10-31	25.00		50.00
11-1		100.00	150.00
11-15	75.00		75.00
11-30	25.00		50.00
12-1		100.00	150.00
12-15	75.00		75.00
12-31	25.00		50.00
TOTAL	1000.00	1000.00	50.00

©1995 by the American Psychological Association
0893-3200/95/\$12.00 DOI: 10.1037/0893-3200.10.3.320

Boating, Bathing, Darning.
Fare round trip 50 cents.
City Ticket Office, 201 Main Street
D. E. HURLBY,
Gen'l. Agt. Passgt. Dept.

ZION'S SAVINGS BANK & TRUST CO.,

Nos. 1, 3 and 5 MAIN STREET.

CASH CAPITAL, \$200,000.

SURPLUS, \$200,000.

The year 1893 was noted for the scarcity of money; yet notwithstanding the hard times we opened 1258 new savings accounts last year. We receive deposits not only from the surrounding states but also from many foreign countries.



DIRECTORS,

WILFORD WOODRUFF,	-	-	President.
GEORGE Q. CANNON,	-	-	Vice-President.
GEORGE M. CANNON,	-	-	Cashier.
Joseph F. Smith,			George Reynolds,
T. G. Webster,			Heber J. Grant,
Angus M. Cannon,			Lorenzo Snow,
James Jack,			Francis M. Lyman,
H. B. Clawson			L. John Nuttall.

● OPEN an account with us NOW. We have depositors whose first deposit was only a small sum and whose account now shows thousands of dollars to their credit. Married Ladies and Minor Children have right to deposit in their own name and payable only to their own order.

 Open Saturday for deposits until 8 p. m. After getting your wages deposit what you can spare.

SAFETY DEPOSIT BOXES in our BURGLAR PROOF VAULT for Rent at a Reasonable Figure