

**COMMENCEMENT EXERCISES**  
**FRIDAY AFTERNOON**

## COMMENCEMENT EXERCISES

After selections by the orchestra the audience of about 20,000 people joined in singing:

## MENDON

Great God of Nations now to Thee  
Our hymn of gratitude we raise;  
With humble heart and bending knee  
We offer Thee our song of praise.

Thy name we bless, Almighty God,  
For all the kindness Thou hast shown  
To this fair land the pilgrims trod—  
This land we fondly call our own.

Here freedom spreads her banner wide,  
And casts her soft and hallowed ray;  
Here Thou our fathers' steps didst guide  
In safety through their dangerous way.

We praise Thee that the gospel's light  
Through all our land its radiance sheds,  
Dispels the shades of error's night,  
And heavenly blessings round us spreads.

Great God, preserve us in Thy fear;  
In danger still our Guardian be;  
O spread Thy truth's bright precepts here;  
Let all the people worship Thee.

The invocation was delivered by Rev. Elisha Moore Lake, pastor of the First Baptist Church of Lansing, after which the President of the United States spoke as follows:

## THE MAN WHO WORKS WITH HIS HANDS

THEODORE ROOSEVELT

The fiftieth anniversary of the founding of this College is an event of national significance, for Michigan was the first state in the Union to found this, the first agricultural college in America. The nation is to be congratulated on the fact that the Congress at Washington has repeatedly enacted laws designed to aid the several states in establishing and maintaining agricultural and mechanical colleges. I greet all such colleges, through their representatives who have gathered here today, and bid them Godspeed in their work. I no less heartily invoke success for the mechanical and agricultural schools; and I wish to say that I have heard particularly good reports of the Minnesota Agricultural High School for the way in which it sends its graduates back to the farms to work as practical farmers.

### OUR EDUCATIONAL SYSTEM AND WHAT IT LACKS

As a people there is nothing in which we take a juster pride than our educational system. It is our boast that every boy or girl has the chance to get a school training; and we feel it is a prime national duty to furnish this training free, because only thereby can we secure the proper type of citizenship in the average American. Our public schools and our colleges have done their work well, and there is no class of our citizens deserving of heartier praise than the men and women who teach in them.

Nevertheless, for at least a generation we have been waking to the knowledge that there must be additional education beyond that provided in the public school as it is managed today. Our school system has hitherto been well-nigh wholly lacking on the side of industrial training, of the training which fits a man



for the shop and the farm. This is a most serious lack, for no one can look at the peoples of mankind as they stand at present without realizing that industrial training is one of the most potent factors in national development. We of the United States must develop a system under which each individual citizen shall be trained so as to be effective individually as an economic unit and fit to be organized with his fellows, so that he and they can work in efficient fashion together. This question is vital to our future progress, and public attention should be focused upon it. Surely it is eminently in accord with the principles of our democratic life that we should furnish the highest average industrial training for the ordinary skilled workman. But it is a curious thing that in industrial training we have tended to devote our energies to producing high-grade men at the top rather than in the ranks. Our engineering schools, for instance, compare favorably with the best in Europe, whereas we have done almost nothing to equip the private soldiers of the industrial army—the mechanic, the metal-worker, the carpenter. Indeed, too often our schools train away from the shop and the forge; and this fact, together with the abandonment of the old apprentice system, has resulted in such an absence of facilities for providing trained journeymen that in many of our trades almost all the recruits among the workmen are foreigners. Surely this means that there must be some systematic method provided for training young men in the trades, and that this must be co-ordinated with the public-school system. No industrial school can turn out a finished journeyman; but it can furnish the material out of which a finished journeyman can be made, just as an engineering school furnishes the training which enables its graduates speedily to become engineers.

We hear a great deal of the need of protecting our workingmen from competition with pauper labor. I have very little fear of the competition of pauper labor. The nations with pauper labor are not the formidable industrial competitors of

this country. What the American workingman has to fear is the competition of the highly skilled workingman of the countries of greatest industrial efficiency. By the tariff and by our immigration laws we can always protect ourselves against the competition of pauper labor here at home; but when we contend for the markets of the world we can get no protection, and we shall then find that our most formidable competitors are the nations in which there is the most highly developed business ability, the most highly developed industrial skill; and these are the qualities which we must ourselves develop.

#### DIGNITY AND IMPORTANCE OF LABOR

We have been fond as a nation of speaking of the dignity of labor, meaning thereby manual labor. Personally I don't think that we begin to understand what a high place manual labor should take; and it never can take this high place unless it offers scope for the best type of man. We have tended to regard education as a matter of the head only, and the result is that a great many of our people, themselves the sons of men who worked with their hands, seem to think that they rise in the world if they get into a position where they do no hard manual work whatever; where their hands will grow soft, and their working-clothes will be kept clean. Such a conception is both false and mischievous. There are, of course, kinds of labor where the work must be purely mental, and there are other kinds of labor where, under existing conditions, very little demand indeed is made upon the mind, though I am glad to say that I think the proportion of men engaged in this kind of work is diminishing. But in any healthy community, in any community with the great solid qualities which alone make a really great nation, the bulk of the people should do work which makes demands upon both the body and the mind. Progress cannot permanently consist in the abandonment of physical labor, but in the development of physical labor so that it shall represent more and more the work of the

trained mind in the trained body. To provide such training, to encourage in every way the production of the men whom it alone can produce, is to show that as a nation we have a true conception of the dignity and importance of labor. The calling of the skilled tiller of the soil, the calling of the skilled mechanic, should alike be recognized as professions, just as emphatically as the callings of lawyer, of doctor, or banker, merchant, or clerk. The printer, the electrical worker, the house painter, the foundry man, should be trained just as carefully as the stenographer or the drug clerk. They should be trained alike in head and in hand. They should get over the idea that to earn twelve dollars a week and call it "salary" is better than to earn twenty-five dollars a week and call it "wages." The young man who has the courage and the ability to refuse to enter the crowded field of the so-called professions and to take to constructive industry is almost sure of an ample reward in earnings, in health, in opportunity to marry early, and to establish a home with reasonable freedom from worry. We need the training, the manual dexterity, and industrial intelligence which can best be given in a good agricultural, or building, or textile, or watchmaking, or engraving, or mechanical school. It should be one of our prime objects to put the mechanic, the wage-worker who works with his hands, and who ought to work in a constantly larger degree with his head, on a higher plane of efficiency and reward, so as to increase his effectiveness in the economic world, and therefore the dignity, the remuneration, and the power of his position in the social world. To train boys and girls in merely literary accomplishments to the total exclusion of industrial, manual, and technical training tends to unfit them for industrial work; and in real life most work is industrial.

The problem of furnishing well-trained craftsmen, or rather journeymen fitted in the end to become such, is not simple—few problems are simple in the actual process of their solution—and much care and forethought and practical common-sense will be

needed, in order to work it out in a fairly satisfactory manner. It should appeal to all our citizens. I am glad that societies have already been formed to promote industrial education, and that their membership includes manufacturers and leaders of labor unions, educators and publicists, men of all conditions who are interested in education and in industry. It is such co-operation that offers most hope for a satisfactory solution of the question as to what is the best form of industrial school, as to the means by which it may be articulated with the public-school system, and as to the way to secure for the boys trained therein the opportunity to acquire in the industries the practical skill which alone can make them finished journeymen.

#### THE FARMER IN RELATION TO THE WELFARE OF THE WHOLE COUNTRY

There is but one person whose welfare is as vital to the welfare of the whole country as is that of the wage-worker who does manual labor, and that is the tiller of the soil—the farmer. If there is one lesson taught by history, it is that the permanent greatness of any state must ultimately depend more upon the character of its country population than upon anything else. No growth of cities, no growth of wealth, can make up for a loss in either the number or the character of the farming population. In the United States more than in almost any other country we should realize this and should prize our country population. When this nation began its independent existence it was as a nation of farmers. The towns were small and were for the most part mere seacoast trading and fishing ports. The chief industry of the country was agriculture, and the ordinary citizen was in some way connected with it. In every great crisis of the past a peculiar dependence has had to be placed upon the farming population; and this dependence has hitherto been justified. But it cannot be justified in the future if agriculture is permitted to sink in the scale as compared with other employments. We

cannot afford to lose that pre-eminently typical American, the farmer who owns his own farm.

#### ECONOMIC AND SOCIAL FACTORS AFFECTING RURAL POPULATIONS

Yet it would be idle to deny that in the last half-century there has been in the eastern half of our country a falling off in the relative condition of the tillers of the soil, although signs are multiplying that the nation has waked up to the danger and is preparing to grapple effectively with it. East of the Mississippi and north of the Ohio and the Potomac there has been on the whole an actual shrinkage in the number of the farming population since the Civil War. In the states of this section there has been a growth of population—in some an enormous growth—but the growth has taken place in the cities, and especially in the larger cities. This has been due to certain economic factors, such as the extension of railroads, the development of machinery, and the openings for industrial success afforded by the unprecedented growth of cities. The increased facility of communication has resulted in the withdrawal from rural communities of most of the small, widely distributed manufacturing and commercial operations of former times, and the substitution thereof of the centralized commercial and manufacturing industries of the cities.

The chief offset to the various tendencies which have told against the farm has hitherto come in the rise of the physical sciences and their application to agricultural practices or to the rendering of country conditions more easy and pleasant. But these countervailing forces are as yet in their infancy. As compared with a few decades ago, the social or community life of country people in the East compares less well than it formerly did with that of the dwellers in cities. Many country communities have lost their social coherence, their sense of community interest. In such communities the country church, for instance, has gone backward, both as a social and a religious factor. Now,

we cannot insist too strongly upon the fact that it is quite as unfortunate to have any social as any economic falling off. It would be a calamity to have our farms occupied by a lower type of people than the hard-working, self-respecting, independent, and essentially manly men and womanly women who have hitherto constituted the most typically American, and on the whole the most valuable element in our entire nation. Ambitious native-born young men and women who now tend away from the farm must be brought back to it, and therefore they must have social as well as economic opportunities. Everything should be done to encourage the growth in the open farming country of such institutional and social movements as will meet the demand of the best type of farmers. There should be libraries, assembly halls, social organizations of all kinds. The school building and the teacher in the school building should, throughout the country districts, be of the very highest type, able to fit the boys and girls not merely to live but thoroughly to enjoy and to make the most of the country. The country church must be revived. All kinds of agencies, from rural free delivery to the bicycle and the telephone, should be utilized to the utmost; good roads should be favored; everything should be done to make it easier for the farmer to lead the most active and effective intellectual, political, and economic life.

There are regions of large extent where all this, or most of this, has already been realized; and while this is perhaps especially true of great tracts of farming country west of the Mississippi, with some of which I have a fairly intimate personal knowledge, it is no less true of other great tracts of country east of the Mississippi. In these regions the church and the school flourish as never before; there is a more successful and more varied farming industry; the social advantages and opportunities are greater than ever before; life is fuller, happier, more useful; and though the work is more effective than ever, and in a way quite as hard, it is carried on so as to give more scope for well-used leisure.



My plea is that we shall all try to make more nearly universal the conditions that now obtain in the most favored localities.

#### PROGRESS IN AGRICULTURAL SCIENCE

Nothing in the way of scientific work can ever take the place of business management on a farm. We ought all of us to teach ourselves as much as possible; but we can also all of us learn from others; and the farmer can best learn how to manage his farm even better than he now does by practice, under intelligent supervision on his own soil in such a way as to increase his income. This is the kind of teaching which has been carried on in Texas, Louisiana, and Arkansas by Doctor Knapp, of the national Department of Agriculture. But much has been accomplished by the growth of what is broadly designated as agricultural science. This has been developed with remarkable rapidity during the last quarter of a century, and the benefit to agriculture has been great. As was inevitable, there was much error and much repetition of work in the early application of money to the needs of agricultural colleges and experiment stations alike by the nation and the several states. Much has been accomplished; but much more can be accomplished in the future. The prime need must always be for real research, resulting in scientific conclusions of proved soundness. Both the farmer and the legislature must beware of invariably demanding immediate returns from investments in research efforts. It is probably one of our faults as a nation that we are too impatient to wait a sufficient length of time to accomplish the best results; and in agriculture effective research often, although not always, involves slow and long-continued effort if the results are to be trustworthy. While applied science in agriculture as elsewhere must be judged largely from the standpoint of its actual return in dollars, yet the farmers no more than anyone else can afford to ignore the large results that can be enjoyed because of broader knowledge. The farmer must prepare for using the knowledge

that can be obtained through agricultural colleges by insisting upon a constantly more practical curriculum in the schools in which his children are taught. He must not lose his independence, his initiative, his rugged self-sufficiency; and yet he must learn to work in the heartiest co-operation with his fellows.

#### EDUCATIONAL AND RESEARCH WORK OF THE DEPARTMENT OF AGRICULTURE

The corner stones of our unexampled prosperity are, on the one hand, the production of raw material, and its manufacture and distribution on the other. These two great groups of subjects are represented in the national government principally by the Department of Agriculture and the Department of Commerce and Labor. The production of raw material from the surface of the earth is the sphere in which the Department of Agriculture has hitherto achieved such notable results. Of all the executive departments there is no other, not even the Post-Office, which comes into more direct and beneficent contact with the daily life of the people than the Department of Agriculture, and none whose yield of practical benefits is greater in proportion to the public money expended.

But great as its services have been in the past, the Department of Agriculture has a still larger field of usefulness ahead. It has been dealing with growing crops. It must hereafter deal also with living men. Hitherto agricultural research, instruction, and agitation have been directed almost exclusively toward the production of wealth from the soil. It is time to adopt in addition a new point of view. Hereafter another great task before the national Department of Agriculture and the similar agencies of the various states must be to foster agriculture for its social results, or, in other words, to assist in bringing about the best kind of life on the farm for the sake of producing the best kind of men. The government must recognize the far-reaching importance of the study and treatment of the problems



of farm life, alike from the social and the economic standpoints; and the federal and state departments of agriculture should co-operate at every point.

The farm grows the raw material for the food and clothing of all our citizens; it supports directly almost half of them; and nearly half the children of the United States are born and brought up on farms. How can the life of the farm family be made less solitary, fuller of opportunity, freer from drudgery, more comfortable, happier, and more attractive? Such a result is most earnestly to be desired. How can life on the farm be kept on the highest level, and where it is not already on that level, be so improved, dignified, and brightened as to awaken and keep alive the pride and loyalty of the farmer's boys and girls, of the farmer's wife, and of the farmer himself? How can a compelling desire to live on the farm be aroused in the children that are born on the farm? All these questions are of vital importance, not only to the farmer, but to the whole nation; and the Department of Agriculture must do its share in answering them.

The drift toward the city is largely determined by the superior social opportunities to be enjoyed there, by the greater vividness and movement of city life. Considered from the point of view of natural efficiency, the problem of the farm is as much a problem of attractiveness as it is a problem of prosperity. It has ceased to be merely a problem of growing wheat and corn and cattle. The problem of production has not ceased to be fundamental, but it is no longer final; just as learning to read and write and cipher are fundamental, but are no longer the final ends of education. We hope ultimately to double the average yield of wheat and corn per acre; it will be a great achievement; but it is even more important to double the desirability, comfort, and standing of the farmer's life.

We must consider, then, not merely how to produce, but also how production affects the producer. In the past we have given but scant attention to the social side of farm life. We should

study much more closely than has yet been done the social organization of the country, and inquire whether its institutions are now really as useful to the farmer as they should be, or whether they should not be given a new direction and a new impulse, for no farmer's life should lie merely within the boundary of his farm. This study must be of the East and the West, the North and the South; for the needs vary from place to place.

First in importance, of course, comes the effort to secure the mastery of production. Great strides toward this end have already been taken over the larger part of the United States; much remains to be done, but much has been done; and the debt of the nation to the various agencies of agricultural improvement for so great an advance is not to be overstated. But we cannot halt here. The benefits of high social organization include such advantages as ease of communication, better educational facilities, increased comfort of living, and those opportunities for social and intellectual life and intercourse, of special value to the young people and to the women, which are as yet chiefly to be had in centers of population. All this must be brought within the reach of the farmers who live on the farms, of the men whose labor feeds and clothes the towns and cities.

#### BENEFITS RESULTING FROM CO-OPERATION

Farmers must learn the vital need of co-operation with one another. Next to this comes co-operation with the government and the government can best give its aid through associations of farmers rather than through the individual farmer; for there is no greater agricultural problem than that of delivering to the farmer the large body of agricultural knowledge which has been accumulated by the national and state governments and by the agricultural colleges and schools. Nowhere has the government worked to better advantage than in the South, where the work done by the Department of Agriculture in connection with the cotton growers of the southwestern states has been phenom-

enal in its value. The farmers in the region affected by the boll weevil, in the course of the efforts to fight it, have succeeded in developing a most scientific husbandry, so that in many places the boll weevil became a blessing in disguise. Not only did the industry of farming become of very much greater economic value in its direct results, but it became immensely more interesting to thousands of families. The meetings at which the new subjects of interest were discussed grew to have a distinct social value, while with the farmers were joined the merchants and bankers of the neighborhood. It is needless to say that every such successful effort to organize the farmer gives a great stimulus to the admirable educational work which is being done in the southern states, as elsewhere, to prepare young people for an agricultural life. It is greatly to be wished that the communities whence these students are drawn and to which they either return or should return, could be co-operatively organized; that is, that associations of farmers could be organized, primarily for business purposes, but also with social ends in view. This would mean that the returned students from the institutions of technical learning would find their environment prepared to profit to the utmost by the improvements in technical methods which they had learned.

The people of our farming regions must be able to combine among themselves as the most efficient means of protecting their industry from the highly organized interests which now surround them on every side. A vast field is open for work by co-operative associations of farmers in dealing with the relation of the farm to transportation and to the distribution and manufacture of raw materials. It is only through such combination that American farmers can develop to the full their economic and social power. Combination of this kind has, in Denmark, for instance, resulted in bringing the people back to the land, and has enabled the Danish peasant to compete in extraordinary fashion, not only at home but in foreign countries, with all rivals.

## KIND OF EDUCATION NEEDED

Agricultural colleges and farmers' institutes have done much in instruction and inspiration; they have stood for the nobility of labor and the necessity of keeping the muscles and the brain in training for industry. They have developed technical departments of high practical value. They seek to provide for the people on the farms an equipment so broad and thorough as to fit them for the highest requirements of our citizenship; so that they can establish and maintain country homes of the best type and create and sustain a country civilization more than equal to that of the city. The men they train must be able to meet the strongest business competition, at home or abroad, and they can do this only if they are trained, not alone in the various lines of husbandry, but in successful economic management. These colleges, like the state experiment stations, should carefully study and make known the needs of each section, and should try to provide remedies for what is wrong.

The education to be obtained in these colleges should create as intimate relationship as is possible between the theory of learning and the facts of actual life. Educational establishments should produce highly trained scholars, of course; but in a country like ours, where the educational establishments are so numerous, it is folly to think that their main purpose is to produce these highly trained scholars. Without in the least disparaging scholarship and learning—on the contrary, while giving hearty and ungrudging admiration and support to the comparatively few whose primary work should be creative scholarship—it must be remembered that the ordinary graduate of our colleges should be and must be, primarily, a man and not a scholar. Education should not confine itself to books. It must train executive power and try to create that right public opinion which is the most potent factor in the proper solution of all political and social questions. Book-learning is very important, but it is by no means everything; and we shall never get the right idea

of education until we definitely understand that a man may be well trained in book-learning and yet, in the proper sense of the word and for all practical purposes, be utterly uneducated; while a man of comparatively little book-learning may, nevertheless, in essentials have a good education.

#### IMPROVEMENT OF CONDITIONS AFFECTING COUNTRY LIFE

It is true that agriculture in the United States has reached a very high level of prosperity; but we cannot afford to disregard the signs which teach us that there are influences operating against the establishment or retention of our country life upon a really sound basis. The overextensive and wasteful cultivation of pioneer days must stop and give place to a more economical system. Not only the physical but the ethical needs of the people of the country districts must be considered. In our country life there must be social and intellectual advantages as well as a fair standard of physical comfort. There must be in the country, as in the town, a multiplication of movements for intellectual advancement and social betterment. We must try to raise the average of farm life, and we must also try to develop it so that it shall offer exceptional chances for the exceptional man.

Of course the essential things after all are those which concern all of us as men and women, no matter whether we live in the town or the country, and no matter what our occupations may be. The root problems are much the same for all of us, widely though they may differ in outward manifestation. The most important conditions that tell for happiness within the home are the same for the town and the country; and the relations between employer and employee are not always satisfactory on the farm any more than in the factory. All over the country there is a constant complaint of paucity of farm labor. Without attempting to go into all the features of this question I would like to point out that you can never get the right kind, the best kind, of labor if

you offer employment only for a few months, for no man worth anything will permanently accept a system which leaves him in idleness for half the year.

#### A WORD REGARDING THE FARMER'S FAMILY

And most important of all, I want to say a special word on behalf of the one who is too often the very hardest worked laborer on the farm—the farmer's wife. Reform, like charity, while it should not end at home, should certainly begin there; and the man, whether he lives on a farm or in a town, who is anxious to see better social and economic conditions prevail through the country at large, should be exceedingly careful that they prevail first as regards his own womankind. I emphatically believe that for the great majority of women the really indispensable industry in which they should engage is the industry of the home. There are exceptions of course; but exactly as the first duty of the normal man is the duty of being the home maker, so the first duty of the normal woman is to be the home keeper; and exactly as no other learning is as important for the average man as the learning which will teach him how to make his livelihood, so no other learning is as important for the average woman as the learning which will make her a good housewife and mother. But this does not mean that she should be an overworked drudge. I have hearty sympathy with the movement to better the condition of the average tiller of the soil, of the average wageworker, and I have an even heartier sympathy and applause for the movement which is to better the condition of their respective wives. There is plenty that is hard and rough and disagreeable in the necessary work of actual life; and under the best circumstances, and no matter how tender and considerate the husband, the wife will have at least her full share of work and worry and anxiety; but if the man is worth his salt he will try to take as much as possible of the burden off the shoulders of his helpmate. There is nothing Utopian in the movement; all that is necessary is to



strive toward raising the average, both of men and women, to the level on which the highest type of family now stands, among American farmers, among American skilled mechanics, among American citizens generally; for in all the world there is no better and healthier home life, no finer factory of individual character, nothing more representative of what is best and most characteristic in American life than that which exists in the higher type of American family; and this higher type of family is to be found everywhere among us, and is the property of no special group of citizens.

The best crop is the crop of children; the best products of the farm are the men and women raised thereon; and the most instructive and practical treatises on farming, necessary though they be, are no more necessary than the books, which teach us our duty to our neighbor, and above all to the neighbor who is of our own household. You young men and women of the agricultural and industrial colleges and schools—and, for that matter, you who go to any college or school—must have some time for light reading; and there is some light reading quite as useful as heavy reading, provided, of course, that you do not read in a spirit of mere vacuity. Aside from the great classics, and thinking only of the many healthy and stimulating books of the day, it is easy to pick out many which can really serve as tracts, because they possess what many avowed tracts and treatises do not, the prime quality of being interesting. You will learn the root principles of self-help and helpfulness toward others from *Mrs. Wiggs of the Cabbage Patch*, just as much as from any formal treatise on charity; you will learn as much sound social and industrial doctrine from Octave Thanet's stories of farmers and wageworkers as from avowed sociological and economic studies; and I cordially recommend the first chapter of *Aunt Jane of Kentucky* for use as a tract in all families where the men folks tend to selfish or thoughtless or overbearing disregard of the rights of their womankind.

Do not misunderstand me. I have not the slightest sympathy with those hysterical and foolish creatures who wish women to attain to easy lives by shirking their duties. I have as hearty a contempt for the woman who shirks her duty of bearing and rearing the children, of doing her full housewife's work, as I have for the man who is an idler, who shirks his duty of earning a living for himself and for his children, or who is selfish or brutal toward his wife and children. I believe in the happiness that comes from the performance of duty, not from the avoidance of duty. But I believe also in trying, each of us, as strength is given us, to bear one another's burdens; and this especially in our own homes. No outside training, no co-operation, no government aid or direction can take the place of a strong and upright character; of goodness of heart combined with clearness of head, and that strength and toughness of fiber necessary to wring success from a rough work-a-day world. Nothing outside of home can take the place of home. The school is an invaluable adjunct to the home, but it is a wretched substitute for it. The family relation is the most fundamental, the most important of all relations. No leader in church or state, in science or art or industry, however great his achievement, takes the place of the mothers, "who are the first of sovereigns and the most divine of priests."



## CONFERRING OF DEGREES

Following President Roosevelt's address, Professor Warren Babcock formally announced the completion of their college work by the following persons, ninety-six in number:

### CLASS OF 1907

Allen, W. B., <i>e</i>	Goldsmith, D. R., <i>e</i>	Pennell, R. L., <i>a</i>
Andrews, Helen, <i>w</i>	Goldsmith, P. V., <i>a</i>	Perry, N. C., <i>a</i>
Angell, Anna, <i>w</i>	Gould, F. A., <i>e</i>	Piper, W. E., <i>e</i>
Angell, I. D., <i>e</i>	Granger, C. M., <i>f</i>	Pokorny, Ida, Mrs., <i>w</i>
Ashley, Helen, <i>w</i>	Gregg, O. I., <i>a</i>	Post, O. C., <i>e</i>
Bailey, Eva, <i>w</i>	Grover, E. L., <i>a</i>	Pratt, A. C., <i>e</i>
Baker, J. L., <i>a</i>	Hart, W. L., <i>a</i>	Rinkle, L. G., <i>a</i>
Beckwith, H. R., <i>a</i>	Hayden, L. N., <i>e</i>	Robinson, E. P., <i>a</i>
Benham, Rachel, <i>w</i>	Hayes, G. B., <i>e</i>	Roby, Edith, <i>w</i>
Boulard, E. N., <i>a</i>	Heinrich, G. A., <i>e</i>	Rounds, Florence, <i>w</i>
Brass, L. C., <i>e</i>	Hitchcock, L. B., <i>e</i>	Rowe, C. L., <i>e</i>
Brown, G. A., <i>a</i>	Hitchcock, W. W., <i>e</i>	Seiler, R., <i>e</i>
Brown, H. L., <i>a</i>	Hudson, R. S., <i>a</i>	Shuttleworth, P. H., <i>a</i>
Burley, G. A., <i>e</i>	Johnson, M. F., <i>e</i>	Smith, G. W., <i>a</i>
Button, J. C., <i>a</i>	Johnson, W. E., <i>e</i>	Smith, L. E., <i>e</i>
Cade, C. M., <i>e</i>	Kinney, Inez M., <i>w</i>	Stewart, B. C., <i>e</i>
Campbell, B. G., <i>e</i>	Kramer, H. T., <i>e</i>	Stone, H. G., <i>a</i>
Canfield, R. S., <i>e</i>	Kratz, O. A., <i>e</i>	Taylor, E. H., <i>e</i>
Carpenter, A. J., <i>e</i>	Krause, E. J., <i>a</i>	Thatcher, F. E. N., <i>e</i>
Clise, B. B., <i>a</i>	Krentel, Calla, <i>w</i>	Towne, E. A., <i>e</i>
Craig, Myrtle, <i>w</i>	Lilly, S. B., <i>e</i>	Towner, A. A., <i>a</i>
DeLange, W. W., <i>e</i>	Liverance, W. B., <i>a</i>	Van Alstine, E., <i>a</i>
Delzell, Ruth E., <i>w</i>	McHatton, T. H., <i>a</i>	Van Halteran, A. S., <i>e</i>
Dorland, L. R., <i>f</i>	McNaughton, C. P., <i>a</i>	Verran, G., <i>e</i>
Doty, S. W., <i>a</i>	Martin, L. Belle, <i>w</i>	Waite, R. H., <i>a</i>
Dudley, G. C., <i>e</i>	Miller, Violet, <i>w</i>	Warden, W., <i>a</i>
Ellis, D. H., <i>a</i>	Minard, R. F., <i>e</i>	Weeks, H. B., <i>a</i>
Ellis, George H., <i>e</i>	Moomaw, D., <i>e</i>	White, O. K., <i>a</i>
Fowler, E. C., <i>a</i>	Myers, J. L., <i>e</i>	Wilcox, J. C., <i>a</i>
Gasser, W. W., <i>e</i>	Palacio, A. G., <i>a</i>	Willson, E. A., <i>a</i>
Glazier, H. I., <i>e</i>	Parsons, I. E., <i>a</i>	Wilson, A. W., <i>e</i>
Goetz, C. H., <i>f</i>	Peck, C. B., <i>e</i>	Wright, L. H., <i>e</i>

The class, seated immediately below the speaker's platform,

arose, formed in line, and passed across the platform, receiving the diplomas from the hand of President Roosevelt.

Of those graduating, thirty-six completed the work in agriculture, three in forestry, forty-three in engineering, and fourteen in home economics.

After the presentation of diplomas to the graduating class by President Roosevelt, the honorary degree of Doctor of Science (D.Sc.) was conferred by President Jonathan Le Moyne Snyder upon each of the following gentlemen:

WILLIAM ARNON HENRY, President of the Agricultural College of Wisconsin.

CHARLES FAY WHEELER, of the United States Department of Agriculture.

HENRY CLAY WHITE, President of the Agricultural College of Georgia.

CHARLES FRANKLIN CURTISS, Dean of the Agricultural Department and

Director of the Experiment Station of the State College of Iowa.

THOMAS FORSYTH HUNT, Dean of the Agricultural Department and

Director of the Experiment Station of Pennsylvania State College.

WILLIAM WARNER TRACY, of the United States Department of Agriculture.

GIFFORD PINCHOT, Chief Forester of the Department of Agriculture of the United States.

The honorary degree of Doctor of Laws (LL.D.) was conferred upon each of the following gentlemen:

JAMES BURRILL ANGELL, President of the University of Michigan.

EUGENE DAVENPORT, Dean of the Agricultural College and Director of the Experiment Station of the University of Illinois.

WINTHROP ELLSWORTH STONE, President of the Purdue University.

HERBERT WINSLOW COLLINGWOOD, Editor of the "Rural New Yorker."

MORTIMER ELWYN COOLEY, of the Engineering Department of the University of Michigan.

WHITMAN HOWARD JORDAN, Director of the Experiment Station at Geneva, N. Y.

ENOCH ALBERT BRYAN, President of the Agricultural College of the State of Washington.

ROLLA CLINTON CARPENTER, of the Engineering Department of Cornell University.

JAMES WILSON, Secretary of the Department of Agriculture.

As each of the gentlemen to receive an honorary degree was announced by Professor Babcock, he was escorted to the front

of the platform by Dr. Thomas C. Blaisdell, acting as College Herald, and was presented to President Snyder, who, in conferring the degrees, spoke as follows:

*William Arnon Henry:*

It falls to the lot of few men to render to the people of their state such valuable service as you have rendered to the citizens of Wisconsin. Starting with very little material equipment, you have, by your untiring energy, built up a great agricultural school and an experiment station of the first rank. As an author and as a contributor to the agricultural press, you have rendered untold service to the stockmen of the world. The oldest agricultural college of this country congratulates you and the people of your state on your great achievements, and, through me, confers upon you the degree of Doctor of Science and presents you with its diploma.

*Charles Fay Wheeler:*

Your training and skill as a systematic botanist entitles you to special recognition by your Alma Mater. On recommendation of the faculty and by the authority of the State Board of Agriculture, to whom you rendered valuable services for many years as a member of this faculty, I confer upon you the degree of Doctor of Science and present you with the diploma of the College.

*Henry Clay White:*

You have, as an investigator and administrator, rendered great service, both to agricultural science and to agricultural education. The land-grant colleges owe you a debt of gratitude for your zeal and successful efforts in their behalf before the national Congress. The state in which you hold a responsible position as the president of its agricultural college, and in which you wield a wide influence, has surpassed all other states in the establishment of agricultural secondary schools. As a scientist and as a man of great ability in public affairs, this College confers upon you the degree of Doctor of Science, and presents you with its diploma.

*Charles Franklin Curtiss:*

This College confers upon you the degree of Doctor of Science in recognition, not only of your ability as a scientist and administrator, as is evidenced in the rapid development of the Agricultural Department and Experiment Station over which you preside, but also in recognition of the great service which you have rendered to the interests of live-stock husbandry in the Middle West. I also present you with its diploma.

*Thomas Forsyth Hunt:*

In your chosen field you early carried forward experiments which have resulted in great good to the farmers of the country. Your textbook on the teaching of agronomy placed for the first time the knowledge of this subject in pedagogical form. You have been a very successful teacher of young men. Your work as an investigator, as an author, and as a teacher prompts this College to confer upon you, through me, the degree of Doctor of Science.

*William Warner Tracy:*

Loyal son of this College, you have gained by your persistent efforts through many years a high rank in that field of science which you have made your life work. By your discoveries you have broadened the field of human knowledge. For these reasons your Alma Mater takes great pleasure in conferring upon you the degree of Doctor of Science, and in presenting you with its diploma.

*Gifford Pinchot:*

A graduate of Yale University, a student of forestry for years in the great universities of the Old World, and for the past nine years chief forester of the Department of Agriculture, Washington: In recognition of your ability as a student of great forestry problems, of your bold initiative, and of your courageous and sane methods of administration, we confer upon you the degree of Doctor of Science, and present you with the appropriate diploma of the College.

*James Burrill Angell:*

This College confers upon you an honorary degree, not with the expectation that it will add to the many similar honors which you have received from the great universities of the country, but that we may express to you our appreciation and sincere gratitude for the work you have done for the people of the state and for the kindly feeling and most helpful spirit that you have always shown toward this institution. This College honors itself in conferring upon you, the first citizen of Michigan, as well as its greatest educator, the degree of Doctor of Laws, and in presenting you with its diploma.

*Eugene Davenport:*

In you this College desires to honor today one of its sons who has shown rare ability as an organizer and administrator. You have developed with wonderful rapidity a great agricultural school which, in years to come, must render valuable service to scientific and practical agriculture. I take pleasure, on the nomination of the faculty and in behalf of the Board of

Control, in conferring upon you the degree of Doctor of Laws, and in presenting to you the diploma of the College.

*Winthrop Ellsworth Stone:*

In recognition of the great service you have rendered to science as an investigator and to technical education as president of one of the leading land-grant colleges of this country, this institution confers upon you the degree of Doctor of Laws, and presents to you its diploma.

*Herbert Winslow Collingwood:*

As you have for many years rendered most valuable service to agriculture as editor of one of its leading journals, I have the pleasure of conferring upon you, in behalf of your Alma Mater, the degree of Doctor of Laws, and of presenting you with its diploma.

*Mortimer Elwyn Cooley:*

In recognition of your services as an expert in determining railway values, of your executive ability in developing the great engineering department of our university, and of your reputation as an engineer, on the recommendation of our faculty, by the authority of the Board of Control, I confer upon you the degree of Doctor of Laws, and present you with the diploma of the College.

*Whitman Howard Jordan:*

You have, by your work as an investigator, added much to the store of agricultural knowledge; while as an administrator you have developed, by your rare ability, the great experiment station of the Empire State, which stands today without a peer. The College confers upon you the degree of Doctor of Laws, and presents to you its diploma.

*Enoch Albert Bryan:*

Upon you, conspicuous for moral courage, a scholar, a teacher of power, a builder of a great agricultural college in the far Northwest, on recommendation of the faculty and by the authority of the State Board of Agriculture, I confer the degree of Doctor of Laws, and present to you the diploma of the College.

*Rolla Clinton Carpenter:*

After graduating from this institution, you rendered it valuable service for many years as a member of its faculty. You have since served in a broader field as a member of the faculty of a renowned university. Your engineering skill and your ability as a designer of great construction render you worthy of special recognition. Your Alma Mater has great pleasure in conferring upon you the degree of Doctor of Laws, and in presenting you with the diploma of the College.

*James Wilson:*

You have been a mighty force in the agricultural world during the past ten years. The great department over which you so ably preside has made wondrous strides. You have assembled a large body of scientists who are rapidly extending the boundaries of human knowledge and making it more easy each day for the farmer to work in harmony with nature's laws. You have done more than any other man to popularize agriculture. This College has great pleasure in conferring upon you the degree of Doctor of Laws, and in presenting you with its diploma.

With the overture from *Cyrano*, rendered by the Bach Orchestra, the official program of the Semi-Centennial Celebration came to a close.

In the evening each of the literary societies of the College held a banquet and reunion, at which many of the alumni renewed and reviewed old acquaintances and pleasures, thus closing and consecrating the Semi-Centennial Celebration at the altar of friendship.

CONGRATULATORY ADDRESSES  
PRESENTED BY  
DELEGATES FROM OTHER INSTITUTIONS  
AND LEARNED SOCIETIES



To the State Board of Agriculture of the State  
of Michigan, and the President and Faculty of  
the Michigan Agricultural College, Greeting:

**T**he Board of Trustees, the President, and the Faculty of Cornell University tender their cordial congratulations on the completion of the first half century of the existence of the Michigan Agricultural College. The oldest existing college of agriculture in the United States, it has been a leader in the teaching of agriculture and in experiment and investigation; and its successes in all these fields have been noteworthy. Its varied experiments in pedagogy as applied to agriculture have been of inestimable value to all later effort. And the Faculty of the College have included teachers whose influence in the training of men for younger institutions has been potent and widespread.

Cornell University trusts that the future of the Michigan Agricultural College will realize the hopes and aspirations of its founders, and that its measure of success will continue to increase.



*J. G. Schuman*  
President  
*W. R. Hammond*  
Secretary of the Faculty

Ithaca, New York  
May, 1907

PHOTOGRAPHIC FACSIMILE (REDUCED) OF THE GREETINGS  
FROM CORNELL UNIVERSITY



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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

The American Institute of Electrical Engineers extends congratulations to the Michigan Agricultural College on the completion of her fifty years of splendid service through high achievements in science and the mechanic arts and also through the many distinguished sons she has furnished to disseminate her fruitful teachings throughout the land.

ENGINEERS' BUILDING, NEW YORK, N. Y.

May 31, 1907

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERING

PRESENTED BY DELEGATE PAUL M. CHAMBERLAIN

*To the President and Board of Control of the Michigan Agricultural College:*

The President of the American Society of Mechanical Engineers has appointed us as honorary vice-presidents to represent the society on the occasion of this the fiftieth anniversary of your institution.

On behalf of the American Society of Mechanical Engineers we have the distinguished honor to present to the president and Board of Control of the Michigan Agricultural College the congratulations of the society on this occasion which marks an era of prosperity in the great industries fostered by your institution under the wise and beneficent provisions of federal and state legislation.

The society recognizes the Michigan Agricultural College as the pioneer in a field of education which constitutes the very bulwark of our nation's prosperity, and cherishes the hope that the same wise administration of the affairs of your institution may continue in the future to be an example to be emulated by your sister institutions as it has been in the past.

The society extends its greetings and acknowledgments to those who, as directors, teachers, investigators, and alumni, have brought to your institution the great distinction which it enjoys, and which is now being commemorated.

The society is glad of the opportunity to join with you on so great a festal occasion and to take part with others in extending felicitations.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

FRANK E. KIRBY

MORTIMER E. COOLEY

ALEX. DOW

*Honorary vice-presidents*

29 WEST THIRTY-NINTH STREET, NEW YORK

May 31, 1907

## CLARK UNIVERSITY

PRESENTED BY DELEGATE PRESIDENT E. G. LANCASTER

*To the President and Board of Control of Michigan Agricultural College:*

DEAR SIR: President E. G. Lancaster of Olivet College, who is an alumnus of Clark University, has been appointed to represent Clark University at the celebration of the Fiftieth Anniversary of Michigan Agricultural College, this note constituting his credentials.

He bears you the most cordial greetings and hearty felicitation of Clark University on this auspicious occasion.

With all good wishes for an ever-brightening future, I am,

G. STANLEY HALL

*President of Clark University*

WORCESTER, MASSACHUSETTS

May 23, 1907

CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA

FROM PRESIDENT P. H. NELL

It gives me pleasure to have our institution represented on this most auspicious occasion, and as president of Clemson College I desire to extend to the Michigan Agricultural College my hearty congratulations for the splendid history of the past made by the Michigan College and to express the hope that there is a bright future before the institution.

COLORADO AGRICULTURAL COLLEGE AND EXPERIMENT  
STATION

PRESENTED BY DELEGATE DIRECTOR L. G. CARPENTER

The Colorado Agricultural College and Experiment Station,  
peculiarly a child of the Michigan Agricultural College, extends  
its cordial greetings at the Semi-Centennial Anniversary.

CONNECTICUT AGRICULTURAL COLLEGE

PRESENTED BY DELEGATE L. A. CLINTON

*To Michigan Agricultural College:*

Recognizing Michigan Agricultural College as the pioneer in agricultural education, at a time when such education was not popular or even understood; recognizing it as the institution after which many other similar colleges have been modeled, and recognizing that it has served as a training-school for presidents and professors of such other colleges: We, the faculty of The Connecticut Agricultural College, extend most hearty greetings to this justly honored institution upon the fiftieth anniversary of its founding—full of confidence that in the years to come it will continue to be as successful as in the past, and will always stand for what is best and truest in agricultural education.

L. A. CLINTON

A. G. GULLEY

E. O. SMITH

*Faculty Committee on Congratu-  
lations to Michigan Agricultural  
College*

## CORNELL UNIVERSITY

PRESENTED BY DELEGATE DEAN L. H. BAILEY

*To the State Board of Agriculture of the State of Michigan, and  
the President and Faculty of the Michigan Agricultural  
College, Greeting:*

The Board of Trustees, the president, and the faculty of Cornell University tender their cordial congratulations on the completion of the first half-century of the existence of the Michigan Agricultural College. The oldest existing college of agriculture in the United States, it has been a leader in the teaching of agriculture and in experiment and investigation; and its successes in all these fields have been noteworthy. Its varied experiments in pedagogy as applied to agriculture have been of inestimable value to all later effort. And the faculty of the College have included teachers whose influence in the training of men for younger institutions has been potent and widespread.

Cornell University trusts that the future of the Michigan Agricultural College will realize the hopes and aspirations of its founders, and that its measure of success will continue to increase.

J. G. SCHURMAN, *President*

WM. A. HAMMOND,

*Secretary of the Faculty*

[SEAL]

ITHACA, N. Y.

May, 1907

**THE GEOLOGICAL SOCIETY OF AMERICA**

The Geological Society of America presents heartiest good wishes and felicitations.



## GEORGE WASHINGTON UNIVERSITY

Dr. Richard Harlan of the George Washington University brings from that university to the Michigan Agricultural College, upon the completion of a half-century of notable service to the nation, hearty felicitations and earnest wishes for great prosperity in the future.

## HARVARD UNIVERSITY

PRESENTED BY DELEGATE DR. THEODORE LYMAN

*Harvard University to the Michigan State Agricultural College,  
Greeting:*

The president and fellows of Harvard College send their hearty congratulations to the State Board of Agriculture of Michigan and to the president and faculty of the State Agricultural College on the Fiftieth Anniversary of its foundation. Anticipating by several years the establishment of the land-grant colleges, the Michigan Agricultural College performed the high service of a pioneer in both the literal and the figurative sense of the word. The steady development of the institution, when once the early days of hardship and experiment were over, and the attainment of its present prosperity and usefulness offer a striking example of foresight and intelligent public spirit. May the Michigan Agricultural College continue to prosper through continued usefulness not only to the state but also to the agricultural and mechanical sciences throughout the world.

The President and Fellows of Harvard College, by

[SEAL]

JEROME D. GREENE, *Secretary*

## HILLSDALE COLLEGE

PRESENTED BY DELEGATE PRESIDENT JOSEPH W. MAUCK

Hillsdale College, the oldest daughter in education of the church in Michigan, greets and congratulates the Michigan Agricultural College, one of the oldest and fairest daughters of the state, and offers a joyous and prayerful Godspeed, with the sentiment: A complete separation of the organic church from the state, but a more intimate union of vital religion with the work of both state and church.

INDIANA UNIVERSITY

PRESENTED BY DELEGATE PRESIDENT BRYAN

*Lux et veritas*, "light and truth." Let them be guides to thee as to me. The greetings of an octogenarian of the Old Northwest to a semicentenary.

## KANSAS STATE AGRICULTURAL COLLEGE

PRESENTED BY DELEGATE PRESIDENT E. R. NICHOLS

The Kansas State Agricultural College sends greetings and congratulations to Michigan Agricultural College on her golden anniversary. We wish to acknowledge our appreciation and indebtedness to our mother institution, for so we regard her, who has been our model and who has furnished us so many illustrious men.

**KENTUCKY EXPERIMENT STATION****PRESENTED BY DELEGATE DR. M. A. SCOVELL**

The Kentucky Experiment Station sends greetings and felicitations to the Michigan Agricultural College on its fiftieth anniversary and congratulates it on its fifty years of fruitful work and wishes it even a brighter and a still more fruitful future, and ever-increasing success.

## LAKE ERIE COLLEGE

PRESENTED BY DELEGATE MISS INGA M. K. ALLISON

The trustees, the president, the faculty, and the students of Lake Erie College extend to the Agricultural College of Michigan their heartiest congratulations upon this the Semi-Centennial Celebration, and upon fifty years of honorable and useful service to the state and nation.

## MASSACHUSETTS AGRICULTURAL COLLEGE

PRESENTED BY DELEGATE PRESIDENT KENYON L. BUTTERFIELD

Massachusetts, through its agricultural college, sends congratulations to the Michigan Agricultural College on the occasion of its fiftieth anniversary, and recalls with pride the fact that the Commonwealth of Massachusetts and its famous university, Harvard, were respectively the native state and the Alma Mater of that great and far-seeing man, Joseph R. Williams, the first president of the Michigan Agricultural College.



## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The Massachusetts Institute of Technology, through its delegate, Professor George W. Patterson, congratulates the Michigan Agricultural College on this most happy anniversary.

## MIAMI UNIVERSITY

PRESENTED BY DELEGATE BENJAMIN MARSHALL DAVIS

Greetings and congratulations to Michigan Agricultural  
College from Miami University.

**MICHIGAN ACADEMY OF SCIENCE**

Professor James B. Pollock presents the congratulations of  
the Michigan Academy of Science.

NORTHWESTERN UNIVERSITY

PRESENTED BY DELEGATE PRESIDENT A. W. HARRIS

*Northwestern University to the President and Board of Control of the Michigan Agricultural College, Greetings and Congratulations:*

Your institution was a pioneer and has continued to be a leader in a branch of educational work, the far-reaching value of which each year is recognized more fully. The American people are an agricultural people and they cherish ideals of popular education. It is therefore doubly needful in this country that agriculture and education should go hand in hand. That institution, then, which, like your own, is training men and women to develop the resources of nature at first hand is doing a service of inestimable benefit both to the nation as a whole and to the cause of education.

Northwestern University upon the occasion of your Fiftieth Anniversary expresses its high appreciation of what your college has already accomplished and wishes for it a career of even greater prosperity and usefulness.

ABRAM WINEGARDNER HARRIS  
*President of the University*

[Seal]

FRANK P. CRANDON;  
*Secretary of the Board of Trustees*

EVANSTON, ILL.  
May 14, 1907

OBERLIN COLLEGE

PRESENTED BY DELEGATE DEAN CHARLES E. ST. JOHN

Oberlin College begs to extend her congratulations to Michigan Agricultural College on the completion of fifty years of valuable service.

## OLIVET COLLEGE

PRESENTED BY DELEGATE PRESIDENT E. G. LANCASTER

*To the President and Board of Trustees of Michigan Agricultural College:*

Olivet College sincerely congratulates the Michigan Agricultural College on her magnificent work for the state of Michigan during the past half-century, and extends to her most cordial greetings and best wishes on this the happy occasion of her fiftieth anniversary.

E. G. LANCASTER, *President*

## POMONA COLLEGE

Pomona College, Claremont, California, through her delegate, Dr. Albert J. Cook, extends hearty greetings to the Michigan Agricultural College, and congratulates her on the long and admirable service which she has rendered to education, and especially to agriculture. Her ideals have always been high, and she has always rung true to the cause which the Morrill bill sought to promote. We send cordial felicitations, because of the able men which she has sent forth—men who have done royal service to agriculture and to agricultural education. We extend our most hearty good wishes, that the future may be still more bright and prosperous.

MAY 31, 1907

PURDUE UNIVERSITY

PRESENTED BY DELEGATE PRESIDENT WINTHROP ELLSWORTH STONE

Purdue University extends to its sister and neighbor, the Michigan Agricultural College, its hearty congratulations upon the completion of a half-century of notable achievement in education, and expresses the sincere hope that her influence and usefulness may never be diminished.



RHODE ISLAND COLLEGE OF AGRICULTURE AND  
MECHANIC ARTS

PRESENTED BY DELEGATE PRESIDENT HOWARD EDWARDS

*To the Trustees, Faculty, and Students of Michigan Agricultural College:*

There are certain times in the life of an institution, as in that of a person, when the well-directed labors of years receive their meed of congratulation. And so the faculty of the Rhode Island College of Agriculture and Mechanic Arts is glad to send its greetings to the Michigan Agricultural College on the occasion of its Semi-Centennial Anniversary.

It should indeed be a year of jubilee for the College, which has been a pioneer in introducing and developing a new form of education to meet the varied needs of a growing and diversified people. Without precedents to guide it, uncertain of its relation to other state institutions, amid many perplexities and discouragements, it succeeded in solving the problems of how to co-ordinate the training of brain and hand and dignify industrial education. All similar institutions are thus its debtors, and may well unite in paying tribute to fifty years of faithful service. That the past work is but an earnest of even greater future success is the sincere wish of a sister college.

Very truly,

[Seal]

HARRIET L. MERROW

*Secretary of the Faculty*

MAY 24, 1907

SOCIETY FOR THE PROMOTION OF AGRICULTURAL  
SCIENCE

PRESENTED BY DELEGATE PRESIDENT HENRY PRENTISS ARMSBY

The Society for the Promotion of Agricultural Science extends to the president, trustees, and faculty of the Michigan Agricultural College its congratulations upon the completion of fifty years of notable service to the cause of agricultural education.

It recalls with pride the fact that one of its founders, and its first president, Dr. W. J. Beal, was and still is a professor in the Michigan Agricultural College, and that many of its most distinguished members have been graduates of that institution and members of its faculty.

That the achievements of the half-century just closed may be but the prelude to more magnificent deeds in the half-century to come is the confident hope of this society.

## STATE COLLEGE OF WASHINGTON

The New Northwest sends greetings to the child of the Old Northwest. The State College of Washington presents its congratulations and felicitations to the Michigan Agricultural College on the occasion of the fiftieth anniversary of its establishment. The distinguished service to the commonwealth and to humanity rendered by the College during the past fifty years will forever continue to be an inspiration to men and to states.

May the oak tree, emblematic of long life, strength, beauty, and usefulness henceforth be inscribed on your coat of arms.

For the Board of Regents and Faculty.

E. A. BRYAN, *President*

TEXAS AGRICULTURAL AND MECHANICAL COLLEGE

Professor J. W. Carson bears to the Michigan Agricultural College the congratulations of the Texas Agricultural and Mechanical College, with the best wishes of its board of directors and faculty.

## TUSKEGEE INSTITUTE

Tuskegee Normal, Agricultural, and Industrial Institute, by its delegate, Professor Charles Walters Green, in charge of practical agriculture, felicitates Michigan Agricultural College on the completion of its half-century of work for the world.

## UNIVERSITY OF CALIFORNIA

Dr. Benjamin Ide Wheeler of the University of California presents a congratulatory letter from Professor E. W. Hilgard representing the College of Agriculture at Berkeley.<sup>1</sup>

<sup>1</sup> See page 224.

## UNIVERSITY OF GEORGIA

PRESENTED BY DELEGATE HENRY CLAY WHITE

The first established State University in America offers its fraternal and cordial felicitations to the Michigan Agricultural College, the first established agricultural college in America, upon the completion of a half-century of conspicuous and eminent science in kindred endeavors for the moulding of worthy American citizens and the maintenance of worthy American ideals.

## UNIVERSITY OF HALLE

PRESENTED BY DELEGATE DR. K. STERNBRÜCK, WHO SPOKE, FIRST IN ENGLISH AND THEN IN GERMAN, AS FOLLOWS:

His Magnificence and the Senate of the University of Halle, in which the agricultural science holds an eminent place and to which Julius Kuhn has devoted all his life and blessed work, has charged me to give Michigan Agricultural College his congratulations and those of the university on this festival day.

Michigan Agricultural College applied itself to experimental science at a time when on this ground even in Europe the very first timid attempts were made in a rather limited way, and by this means it has become as important and typical for the development of agricultural teaching as Halle for Germany.

Its first president, Hon. Jos. R. Williams, maintained in his opening address that all disciplines being connected with agricultural science in any way or having any importance to it, ought to be cultivated.

Michigan Agricultural College can boast of having had a great number of learned men well known in the world of science. In all the branches of agricultural and natural science, especially in attacking stock murrains, noxiousnesses in the vegetable kingdom, as to dairy, entomology, bacteriology, cultivation of corn, and horticulture the teachers of Michigan Agricultural College have been particularly successful from the beginning up to our date. By establishing substations, the College has done an elaborate work in transferring scientific results into practice, and has highly contributed to the splendid agriculture of Michigan State.

The University of Halle, the representative of which I have the honor to be, wishes that the Michigan Agricultural College may continue in this brilliant manner developing the agricultural science.

It gives me pleasure to present to you this *tabula congratulationis*<sup>1</sup> and my best wishes.

<sup>1</sup> See p. 298.



[After handing the tabula congratulatonia to the President, Dr. Steinbrück continued:]

Und nun lassen Sie mich in deutscher Sprache meine aufrichtigsten Wünsche hinzufügen, dass die innigen Beziehungen, welche zwischen beiden grossen so eng verwandten und befreundeten Nationen, Deutschland und den Vereinigten Staaten, sowohl in wirtschaftlicher als auch besonders in wissenschaftlicher Hinsicht, in befreundender Wechselwirkung bestehen, immer inniger werden möchten. Die Wissenschaft kennt keine nationalen Grenzen. Dieselben Aufgaben beschäftigen hunderte der besten Köpfe und Denker diesseits und jenseits des Oceans. Ihre Lösung kommt gleichmässig allen Kulturvölkern zu gute. In hohem Mass ist das bei der Landwirtschaftswissenschaft der Fall. Die Landwirtschaft ist ja von besonderer Bedeutung für die beiden Länder, da sie in beiden einen hervorragenden Platz in der gesammten Volkswirtschaft einnimmt. Auch heute noch hat das Wort Friedrich des Grossen Geltung:

Die Landwirtschaft ist die erste aller Künste. Ohne sie gäbe es keine Kaufleute, Dichter und Philosophen. Nur das ist wahrer Reichtum, was die Erde hervorbringt.<sup>1</sup>

<sup>1</sup> And now let me add in the German language my most sincere wishes that there may be ever-increasing stability in those intimate and friendly relations which bind together with reciprocal benefit to science and agriculture, the two great nations so closely allied by social inheritance, Germany and the United States. Science knows no national boundaries. The same problems employ the best minds on both sides of the ocean. The solution of these problems is of equal benefit to all civilized peoples. To a very high degree is this true of agriculture, a science of especial importance to our two countries, since it occupies a prominent place in our respective systems of political economy. Today the words of Frederick the Great have as much truth as when he spoke them:

“The tilling of the soil is the foremost in all arts. Without it there would be no merchants, poets, and philosophers. That alone which the earth brings forth is true wealth.”

## TABULA CONGRATULATIONIA

QVOD BONVM FELIX FAVSTVMQVE SIT  
 CELEBERRIMO COLLEGIO AGRICVLTVRÆ STVDII  
 DESINATO CIVITATIS MICHIGAN TRANSMARINAE  
 QVOTQVOT IN CIVITATIBVS FOEDERATIS AMERICAE SEPTENTRIONALIS EX-  
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 SACRA SEMISAECVLARIA  
 DIE XIII MENSIS MAII ANNI MDCCCXVII  
 SOLLEMNITER PER AGENDA  
 EX ANIMI SENTENTIA GRATVLANTVR  
 PRO EIVS SALVTE ET FELICITATE PIA VOTA NVNCVPANT  
 FIDEM VOLVNTATEMQVE SVAM TESTANTVR  
 VNIVERSITATIS FRIDERICIANAE HALENSIS CVM VITEBERGENSI  
 CONSOCIATAE RECTOR ET SENATVS  
 CAROLUS ROBERT<sup>1</sup>

(SIGILLVM)

<sup>1</sup> For translation see next page.

## TRANSLATION OF TABULA CONGRATULATORIA

Prosperity, happiness, and good auspices to the most celebrated agricultural college of the trans-oceanic state of Michigan, in the United States of North America, the oldest among the institutions of its kind and serving as a model to all of them.

In this college men, whose glorious names are known among all civilized nations, have for ten series of semidecades most faithfully and strenuously sustained the idea expressed by the greatest (first) among them, a man of highest distinctions, Joseph R. Williams, at the inauguration of the institution: namely, that all systems of knowledge and all sciences, to any degree participating in the promotion of the science of agriculture, in this very way lead to the preservation of the home and to the unity of all skilled industries into a single body.

The teachers and students of this institution at no time ceased to investigate, by way of reasoning and experimentation, problems connected with the increased production of the fields and with the combating of the dangers menacing the work of the tiller of the soil. And many problems dealing with the defying of pests upon cattle, with the checking and the extermination of minute animal forms obnoxious to plants, with the management of the dairy and the fertility of the soil, and numberless others have been solved in a most successful and glorious way.

The results of these investigations are broadly disseminated by the experiment stations, which are in a most able manner distributed all over the country, so that the discoveries made in the laboratories soon become the possession of the tillers of the soil and the breeders of cattle; and thus the agricultural interests of the entire country receive a powerful impetus.

To the school which in such a glorious way and so fruitfully serves the interests of science and practical agriculture we send our heartiest congratulation upon this thirteenth day of May of the year MDCCCXVII (1907) destined for the celebration of the sacred semi-centennial festivals; we proudly pray (offer vows) for the welfare and happiness of the institution and testify our friendship and our best wishes.

The Rector and Senate  
of the Friedrich Halle-Wittenberg University  
CAROLUS ROBERT

UNIVERSITY OF MAINE

PRESENTED BY DELEGATE PRESIDENT GEO. E. FELLOWS

The trustees, president, and faculty of the University of Maine present heartiest congratulations to Michigan Agricultural College upon fifty years of magnificent work.

## UNIVERSITY OF MICHIGAN

PRESENTED BY DELEGATE PROFESSOR JACOB REIGHARD

The University of Michigan begs to extend her congratulations to the Michigan Agricultural College on the completion of fifty years of valuable service, and hopes that the two institutions may ever continue to co-operate in ministering to the prosperity of the state which has so generously nourished them both.

JAMES B. ANGELL, *President*

[SEAL]

ANN ARBOR

May 25, 1907

## UNIVERSITY OF NEBRASKA

PRESENTED BY DELEGATE DEAN CHARLES EDWIN BESSEY

The regents, chancellor, faculty, and students of the University of Nebraska send greetings from the Great Plains, and congratulate the people of Michigan upon the great prosperity of their State Agricultural College on this its fiftieth anniversary.

MAY 31, 1907

## UNIVERSITY OF ROCHESTER

The University of Rochester, through its delegate, Professor Francis W. Kelsey, presents felicitations, most cordial congratulations, and heartiest good wishes.

## UNIVERSITY OF VERMONT

PRESENTED BY DELEGATE PRESIDENT MATTHEW HENRY BUCKHAM

The University of Vermont extends hearty congratulations to the Michigan Agricultural College on the occasion of the celebration of the Fiftieth Anniversary of its founding, and joins with its alumni and friends in wishing for it a future of great prosperity and growth.



## UNIVERSITY OF WISCONSIN

PRESENTED BY DELEGATE DEAN W. A. HENRY

*To the President, the Governing Board, and the Faculty of the  
Michigan State Agricultural College:*

The University of Wisconsin extends congratulations to its sister institution on the completion of a half-century of service to the state, and to the cause of agricultural education. Not only in time of establishment, but in molding the agricultural thought of the nation, the Michigan State Agricultural College has been the pioneer. May the high ideals which have dominated the College in the past lead on to still greater achievement in the future.

CHARLES R. VAN HISE, *President*

[SEAL]

MAY 28, 1907

To the President,  
the Governing Board, and the Faculty  
of the

**M**ichigan State Agricultural College.

THE

**U**niversity of Wisconsin

extends congratulations to its sister institution on the completion of a half century of service to the State, and to the cause of agricultural education. Not only in time of establishment, but in moulding the agricultural thought of the nation, the Michigan State Agricultural College has been the pioneer. May the high ideals which have dominated the College in the past lead on to still greater achievement in the future.

May twenty eighth 1907

*Charles R. VanHise*  
President



PHOTOGRAPHIC FACSIMILE (REDUCED) OF THE GREETINGS  
FROM THE UNIVERSITY OF WISCONSIN

CONGRATULATORY MESSAGES  
RECEIVED BY THE COMMITTEE  
FROM OTHER INSTITUTIONS AND LEARNED  
SOCIETIES

## ABERDEEN UNIVERSITY

DEAR SIR: The Senatus Academicus of this university desires to return its cordial thanks to the President and Board of Control of Michigan Agricultural College for the courteous invitation to be represented at the celebration of the fiftieth anniversary of the institution. Unfortunately it has not been found possible to name a delegate to be present on the occasion, as the professors are now fully occupied with the Summer Session work.

The Senatus sends its hearty congratulations to your president and board on the auspicious anniversary which is about to be celebrated, together with its cordial good wishes for the future prosperity of the college.

I am, dear sir, yours faithfully,

DONALDSON ROSE THOM, *Secretary*

ABERDEEN  
May 1, 1907

## ALABAMA POLYTECHNIC INSTITUTE

MY DEAR SIR: I regret very sincerely to say that our Commencement coincides exactly with your Semi-Centennial Celebration, and that it will, therefore, be impossible to have a delegate from our institution in attendance. Your institution, I believe, is the oldest agricultural college on the land grant in the United States. Our institution is the oldest separate land-grant college in the South, having been established in 1872. We send you cordial greetings and we wish you long continuation of the career of prosperity and usefulness that has marked your institution.

I am very sincerely yours,

CHAS. C. THACH, *President*

AUBURN, ALA.  
May 15, 1907

## AMERICAN SOCIETY OF CIVIL ENGINEERS

*To the President and Board of Control, Michigan Agricultural College:*

GENTLEMEN: This society is in receipt of your courteous request that it be represented at the celebration of the Fiftieth Anniversary of your institution, May 28 to 31, 1907.

I am instructed by the Board of Direction of this society to thank you for this invitation, which the society would be glad to avail itself of, it if were not so difficult to find a representative who would be able to be present on the occasion.

I am directed by the board to express the congratulations of this society on the Semi-Centennial Anniversary of your institution, and a cordial hope for its continued success.

Yours respectfully,

CHAS. WARREN HUNT, *Secretary*

NEW YORK CITY  
March 6, 1907

CALCUTTA UNIVERSITY

*To the President and Board of Control, Michigan Agricultural College:*

SIRS: I am directed to acknowledge with thanks the receipt of your invitation requesting that the Calcutta University may be represented at the celebration of the Fiftieth Anniversary of the Michigan Agricultural College from May 28 to 31, 1907, and to state in reply that the Hon'ble the Vice-Chancellor and Syndicate regret that they are not in a position to avail themselves of the invitation.

I have the honor to be, Sirs, .

Your most obedient servant,

G. THIBAUT, *Registrar*

SENATE HOUSE  
April 27, 1907

## COLUMBIA UNIVERSITY

*To the President of Michigan Agricultural College:*

DEAR SIR: I write to express our great regret that it seems impossible for us to make arrangements for a delegate from Columbia University at the Fiftieth Anniversary of the Michigan Agricultural College. The date falls at a time when our officers of instruction are under unusual pressure incident to the closing of the academic year. We wish to present to the College through you our heartiest congratulations upon the anniversary and our warm wishes for the continued success of the institution.

I have the honor to be, Sir,

Respectfully yours,

F. P. KEPPEL, *Secretary*

NEW YORK CITY

March 6, 1907



DELAWARE COLLEGE

*To the President and Board of Control, Michigan Agricultural College:*

At their last meeting our faculty directed me to express their regret at their probable inability to have our college represented at the celebration of your Fiftieth Anniversary. They further directed me to express their appreciation of your kind invitation and their thanks for the same.

Wishing you a very satisfactory occasion, I am, with regards,

Very truly yours,

FREDERIC H. ROBINSON, *Secretary*

NEWARK, DELAWARE

March 29, 1907

## DEPAUW UNIVERSITY

MY DEAR SIR: I have your invitation to the Commencement and anniversary exercises to be held at Michigan Agricultural College. On behalf of the faculty and trustees permit me to thank you for the kind courtesy of the invitation and to express our warmest good wishes and congratulations. I only wish it were possible for some of us to be there. But our own Commencement and Seventieth Anniversary will be held at the same time.

And I remain, yours ever,

EDWIN H. HUGHES, *President*

GREENCASTLE, IND.

May 20, 1907

FRANKLIN INSTITUTE

*To the Trustees and Faculty of The Michigan Agricultural College:*

GENTLEMEN: I have pleasure in transmitting herewith an extract from the minutes of the stated meeting of The Franklin Institute of the State of Pennsylvania, for the Promotion of the Mechanic Arts, held Wednesday, May 15, 1907.

Respectfully yours,

WM. H. WAHL, *Secretary*

*[Extract from the Franklin Institute Minutes.]*

The president thereupon presented an invitation from the Michigan Agricultural College, asking the participation of the Franklin Institute in the commemorative exercises of the Fiftieth Anniversary of that institution. The secretary was directed to prepare and transmit a suitable acknowledgment of the invitation and to express the felicitations and best wishes of the Franklin Institute.

PHILADELPHIA, PA.

May 21, 1907

HUNGARY DEPARTMENT OF AGRICULTURE

[cablegram]

*Michigan Agricultural College, Lansing, Michigan:*

Most sincere congratulations, wishing the future prosperity of the College.

DARANGI I. ROYAL

*Hungarian Minister of Agriculture*

BUDAPEST

## JOHNS HOPKINS UNIVERSITY

DEAR SIR: I regret very much that I have not been able to find anyone who can serve as delegate of this university at your coming celebration. The time is most unfortunate for us, as we shall then be engaged in our final examinations, and the presence of every member of the staff is necessary. I intended to see whether I could not find someone elsewhere who could properly represent us, but for one reason and another I have not been successful in this, and it is now too late.

Be assured of the hearty good-will of the Johns Hopkins University toward the Michigan Agricultural College, and accept our hearty congratulations upon the completion of your first half-century. Under other conditions we should unquestionably have taken great pleasure in sending a representative to express more fully and more satisfactorily our high regard.

I am, yours very respectfully,

IRA REMSEN, *President*

BALTIMORE, MD.

May 13, 1907

## KAISERLICH DEUTSCHES KONSULAT

*To the President of Michigan Agricultural College:*

DEAR SIR: I am directed by the Imperial Foreign Office to transmit to you and through you to the Board of Control of Michigan Agricultural College the best thanks of His Excellency the Royal Prussian Minister of Agriculture at Berlin for the kind invitation you tendered the Department of Agriculture, and his regrets that the plans heretofore laid out for the period in question did not permit the sending of a special representative of His Excellency to participate in the celebration of the Fiftieth Anniversary of your institution.

I hear with interest that you had the kindness to invite Mr. Nicola Kaumanns attached as agricultural attaché to the United States to the consulate at Chicago. Through him I will hear about the celebration of the Fiftieth Anniversary of the Michigan Agricultural College.

I have the honor to remain, dear Sir,

Yours very respectfully,

W. WEVER

*Imperial German Consul-General*

CHICAGO  
May 22, 1907

KÖNIGLICHE UNIVERSITÄT

*An den Herrn Präsidenten des Michigan-Agricultural-College:*

Namens unserer Universität spreche ich den verbindlichsten Dank aus für die freundliche Einladung zu der Jubelfeier Ihrer Anstalt. Zu unserem Bedauern sind wir nicht in der Lage, einen Vertreter zu entsenden, weil die Feier in unser Semester fällt.

Hochachtungsvoll und ergebenst,

Der Rektor

V. SYBEL<sup>1</sup>

MARBURG

den 9. März 1907

<sup>1</sup> THE ROYAL UNIVERSITY

*To the President of the Michigan Agricultural College:*

In the name of the University, I most respectfully tender thanks for the kind invitation to the jubilee celebration of your College. To our great regret, we are not in a position to send a delegate, since the celebration comes in the midst of our semester.

Most respectfully yours

The Rector

VON SYBEL

MARBURG

March 9, 1907

## LELAND STANFORD JUNIOR UNIVERSITY

DEAR SIR: It was President Jordan's hope that some one of our professors going East might be able to combine a visit to Lansing with his other engagements and serve as our delegate to the Semi-Centennial Celebration of your College, the university having no provision by which the expenses of a delegate could be paid. Dr. Jordan has himself gone to Australia. I regret that it has not been possible for us to name a delegate under the circumstances. In this event it was President Jordan's wish that I should express to the Agricultural College of Michigan the good-will of Stanford University and her hearty congratulations on the completion of a half-century of splendid work in the cause of education.

Very truly yours,

G. A. CLARK, *Secretary*

STANFORD UNIVERSITY, CAL.

May 15, 1907



K. LUDWIG-MAXIMILIANS-UNIVERSITÄT

*An das Michigan Agrikultural College:*

Sie waren so freundlich unsere Universität zur Feier des 50-jährigen Bestehens Ihres College einzuladen. Da die Feier mitten in das Semester fällt, so ist es uns nicht möglich einen Vertreter hinzu abzuordnen. Wir unterlassen aber nicht, auf schriftlichem Wege Ihnen unsere herzlichsten Wünsche zum Ausdrücke zu bringen.

DER AKADEMISCHE SENAT<sup>1</sup>

MÜNCHEN  
am 12. März 1907

<sup>1</sup>KING LUDWIG-MAXIMILIAN'S UNIVERSITY

*To the Michigan Agricultural College:*

You had the kindness to invite our university to participate in the celebration of the 50th Anniversary of your College. As the celebration occurs in the midst of our semester, we find it impossible for us to send a representative. However, we do not fail to express by means of writing our heartiest wishes for the welfare of your institution.

THE ACADEMIC SENATE

MUNICH March 12, 1907

## MCGILL UNIVERSITY

DEAR SIR: I have been requested by the University of Cambridge to act as its representative at the Semi-Centennial Celebration of the Michigan Agricultural College and had fully intended to be present. My work, however, owing to the destruction of our buildings by fire, has been much increased, so that I fear I shall thus be unable to convey personally a message from the university which I have the honor to represent.

As the letter from the vice-chancellor will have made known to you, the University of Cambridge desires to present its congratulations and earnest wishes for the continued prosperity of your institution, which is now celebrating the conclusion of so long a period of usefulness.

The importance of the scientific study of agriculture is being constantly more widely recognized. The University of Cambridge has not been slow to take up this matter, and a Department of Agriculture has been in existence there for some years. The work of this department and the importance of the subject have been referred to by His Majesty King Edward in the following words, which I may be allowed to quote:

I am very glad to know of the educational work in connection with the great industry of agriculture which you have undertaken. In common with most branches of industry, agriculture has in modern times come to depend for its success and extension upon the unremitting application to it of the results of scientific investigation. No greater service can be rendered to this ancient industry than to furnish it with the means of research and instruction, which are essential in order that labor may be directed in profitable channels.

With my personal congratulations, and again regretting my inability to be present, I remain,

Yours very truly,

HENRY T. BOVEY

MONTREAL  
May 20, 1907

MARYLAND AGRICULTURAL COLLEGE

MY DEAR SIR: I have your invitation to attend the Fiftieth Anniversary of the Michigan Agricultural College, to be held May 28 to 31, 1907, at Lansing, Mich.

I regret exceedingly that the celebration, taking place on the dates it does, precludes my giving myself the pleasure of attending either in person or by representative, as at this season we are in the midst of our final examinations, and this year, in addition to the final examination work, we will encamp with our Cadet Battalion at Jamestown about or near this time, and many of our staff will be with us for this encampment.

I regret exceedingly these conditions, as it would be a great gratification to me to meet with you, and rejoice with you in the successes you have achieved in the past and the brilliant promises for your institution for the future.

With much respect and esteem,

Very truly yours,

R. W. SILVESTER, *President*

COLLEGE PARK, MD.  
February 23, 1907

## MICHIGAN PIONEER AND HISTORICAL SOCIETY

DEAR SIR: We take pleasure in offering you our heartiest congratulations on the interesting program outlined for your Semi-Centennial, and on the wisdom shown in planning for such an important and historical occasion. The M. A. C. has proven a kindergarten for the colleges of the United States, and if her pupils come home with the titles and honor the Alma Mater has enabled them to win, it should make you all very proud and happy.

Sincerely yours,

HENRY R. PATTENGILL, *Secretary*

LANSING  
May 14, 1907

## PRINCETON UNIVERSITY

MY DEAR SIR: I extremely regret to say that May is a month when my colleagues and I are all necessarily so absorbed in duties connected with the closing of the academic year that it will not be possible for our faculty to be represented at your Semi-Centennial Celebration. I am sure that I am speaking the feelings of my colleagues in extending Princeton's warmest congratulations to Michigan Agricultural College, as well as her best wishes for its continued prosperity and advance.

Very sincerely yours,

WOODROW WILSON, *President*

PRINCETON, N. J.

May 13, 1907

## RHODESIA DEPARTMENT OF AGRICULTURE

SIR: I have the honor to acknowledge receipt of your invitation to be present at the celebration of the Fiftieth Anniversary of the institution of your College, for which I beg you to accept my best thanks.

It would have indeed been a great pleasure to us to have been represented at this celebration, but I regret that circumstances do not permit us to send a representative.

I have the honor to be, Sir,

Your obedient Servant,

WEFE O. HONEY  
*Secretary for Agriculture*

SALISBURY  
April 26, 1907

ROYAL SOCIETY

DEAR SIR: I am desired by the president and Council of the Royal Society to express their best thanks for the invitation with which they have been honoured by the president and Board of Control of Michigan Agricultural College to be represented at the Fiftieth Anniversary of the institution. They regret to be unable to accept the invitation, but they send their good wishes for the complete success of the celebration and for the continued prosperity of the College.

I beg leave to remain, dear Sir, yours faithfully,

FRANCIS DARWIN, *Foreign Secretary*

BURLINGTON HOUSE, LONDON W.

March 18, 1907

## TRANSVAAL DEPARTMENT OF AGRICULTURE

*The President and Board of Control, Michigan Agricultural College:*

GENTLEMEN: On behalf of this department, I beg to offer to you our most sincere thanks for the honour you have done the department in inviting it to unite with you in the celebration of the Fiftieth Anniversary of the College.

Unfortunately, it is a far cry from the Transvaal to Michigan, and owing to the distance, and to the fact that the leading members of our staff are so fully engaged at the present time, it is impossible for us to accept the invitation, much as we should like to do so.

Will you therefore kindly accept our apologies for non-attendance?

Your College is famed throughout the world, both for its pioneer work in the cause of agricultural education and research, and for the perfection to which it has attained. It has been a source of inspiration and guidance to similar institutions in many countries, and the influence which it has exercised upon agriculture is widespread and profound.

Most heartily do we congratulate you upon the occasion which you are celebrating, and may the future of your College be as useful and distinguished as its past.

I have the honour to be, Gentlemen,

Your obedient Servant,

M. WURIT

*Director of Agriculture*

PRETORIA  
April 6, 1907



UNIVERSITEIT VAN AMSTERDAM

*To the President and Board of Control of Michigan Agricultural College, Lansing, Michigan:*

GENTLEMEN: On behalf of the Senate of the University of Amsterdam I beg to tender you our best thanks for your kind invitation extended to our university to be represented at the celebration of the Fiftieth Anniversary of the institution. Much to my regret I have to inform you that not one of the members of the Senate is in a position to avail himself of your invitation, and to convey to you our fraternal greetings and our best wishes on this auspicious occasion. We sincerely hope that the past half-century may prove to be the earnest of a glorious future, and that Michigan Agricultural College may continue to be a powerful factor in the development of agriculture in the United States of America.

With the cordial greetings of the University of Amsterdam to your College, I have the honour to be, yours faithfully,

J. ROTGANS

*Rector Magnificus of the University of Amsterdam*

AMSTERDAM

April 27, 1907

## UNIVERSITY OF ARIZONA

The president and Board of Regents of the University of Arizona regret that distance and the particular date will prevent their representation at the celebration of the Fiftieth Anniversary of Michigan Agricultural College. They beg leave to offer their most cordial felicitations upon the completion of this period of honorable and effective service.

TUCSON, ARIZONA

March 9, 1907

UNIVERSITY OF BOMBAY

*To the President and Board of Control, Michigan Agricultural College:*

GENTLEMEN: I am directed by the Syndicate to convey their thanks to you for your invitation to this university to be represented at the celebration of the Fiftieth Anniversary of Michigan Agricultural College and to express regret that it is impossible to send a representative.

I have the honour to be, Gentlemen,

Your most obedient Servant,

FARDUNJI M. DASTUR

*University Registrar*

BOMBAY  
April 25, 1907

## UNIVERSITÉ LIBRE DE BRUXELLES

*A Monsieur le Président et à Messieurs les Membres de la commission administrative du Michigan Agricultural College:*

MESSIEURS: J'ai l'honneur de vous accuser réception de l'invitation que vous avez bien voulu nous adresser de nous faire représenter aux fêtes de la célébration du cinquantième anniversaire de votre collège. Nous vous en sommes très reconnaissants, mais la date de cette célébration tombant dans la période de nos cours, il est impossible que l'un de nos professeurs s'absente à cette époque. Nous devons nous borner à former des vœux pour la durée et la prospérité de votre institution.

Veillez agréer, Messieurs, l'assurance de nos sentiments les plus distingués.

Le secrétaire de l'université

A. LAVACHERY<sup>1</sup>

BRUXELLES  
le 2 Mars 1907

<sup>1</sup>UNIVERSITY OF BRUSSELS

*To the President and the Members of the Administration Committee of the Michigan Agricultural College:*

GENTLEMEN: I have the honor of acknowledging the receipt of the invitation to have our institution represented at the Semi-Centennial Celebration of your College. We appreciate this honor very highly, but since the date of this celebration comes while our school is still in session it is impossible for any of our professors to leave at that time. We must content ourselves with extending our best wishes for the continued prosperity of your institution.

Be assured of our most friendly regard and esteem,

The Secretary of the University

A. LAVACHERY

BRUSSELS  
March 2, 1907

## UNIVERSITY OF CAMBRIDGE

SIR: I have the honor and pleasure to inform you that, in response to your request that the University of Cambridge may be represented on the occasion of the Fiftieth Anniversary of the Michigan Agricultural College, Dr. Henry Taylor Bovey, LL.D., D.C.L., M.Inst.C.E., F.R.S., Honorary Fellow of Queen's College, Cambridge, Dean of the Faculty of Science of the McGill University, has been appointed by the University of Cambridge as its representative and has consented to act.

I have requested Dr. Bovey to convey the hearty congratulations of the university to yourself and the Board of Control on the very interesting occasion of the Jubilee of the institution and to express to you the earnest wish of the university that your College may continue in all prosperity to perform the excellent work for which it is justly famed.

I am, Sir, yours faithfully,

E. S. ROBERTS, *Vice-Chancellor*

GONVILLE AND CAIUS COLLEGE, CAMBRIDGE, ENGLAND

April 15, 1907

## THE UNIVERSITY OF CHICAGO

DEAR SIR: I beg to extend on behalf of the University of Chicago cordial congratulations to the Michigan Agricultural College on the occasion of the Fiftieth Anniversary of the institution. The work of our agricultural colleges is among the most important undertaken by the educational agencies of this country. While our own interests lie along other lines, at the same time we are deeply concerned in all that affects the educational welfare of our people.

Trusting that the College will continue to prosper and to expand its beneficent work, I am,

Very truly yours,

HARRY PRATT JUDSON

May 25, 1907

UNIVERSITY OF CHRISTIANIA

[cablegram]

*Agricultural College, Lansing, Mich.:*

Greeting and Congratulations.

UNIVERSITY OF CHRISTIANIA

KRISTIANIA

May 28, 1907

## UNIVERSITY OF CINCINNATI

The president and the faculties of the University of Cincinnati regret very much to find that it will not be possible to send a representative to the Semi-Centennial Celebration of the Michigan Agricultural College, as the commencement of the university occurs at the same time. They wish again to send sincere felicitations and to express hearty good wishes for the future welfare of the College.

May 24, 1907



## UNIVERSITY OF COLORADO

DEAR SIR: The University of Colorado acknowledges the formal invitation to be present at the Semi-Centennial Celebration of the Michigan Agricultural College. We regret that the distance and the demands of approaching Commencement week will prevent our sending a delegate on that occasion. The regents and the faculties extend cordial greeting and congratulations on the growth and importance of the Michigan Agricultural College.

Very truly yours,

JAMES H. BAKER, *President*

BOULDER, COLO.

May 15, 1907

## UNIVERSITY OF GLASGOW

*To the President of Michigan Agricultural College:*

SIR: The University of Glasgow was gratified at receiving an invitation to send a representative to the celebration in the end of the present month of the Fiftieth Anniversary of the Michigan Agricultural College. The date falls in the middle of our summer session, and hence our professor of botany, who is of course the most interested among us in your work, was unable to cross the Atlantic. The university has the power of granting a degree in agriculture through the co-operation of the West of Scotland Agriculture College, and had the professor of agriculture in that institution been in a position to undertake the duty the university would gladly have sent him as a representative. The Senate must therefore content themselves with sending a cordial message of congratulation on the attainment of your Jubilee and an expression of their warmest wishes for your continued prosperity.

I am, Sir, your obedient Servant,

WILLIAM STEWART

*Clerk of Senate*

GLASGOW  
May 8, 1907

THE UNIVERSITY OF KANSAS

*President J. L. Snyder, Michigan Agricultural College:*

MY DEAR PRESIDENT SNYDER: I regret to say that it is not likely that the University of Kansas will be able to send a representative to the celebration of the Fiftieth Anniversary of Michigan Agricultural College. I wish, therefore, on behalf of the regents and faculties of this university to express to you our hearty congratulations upon the event and our hope for a long continuance of your distinguished work.

Very truly yours,

FRANK STRONG

*Chancellor and President of the Board of Regents*

LAWRENCE, KAN.

March 26, 1907

## UNIVERSITÄT LEIPZIG

*An the Committee on Semi-Centennial Celebration of the Michigan Agricultural College:*

Für die an die Universität Leipzig ergangene freundliche Einladung zur Teilnahme an der 50-jährigen Stiftungsfeier des Michigan Agricultural College spreche ich dem geehrten Committee on Semi-Centennial Celebration verbindlichsten Dank aus.

Bei der Kürze des Sommer-Semesters wird es aber für keinen der Professoren hier zu ermöglichen sein, als Delegierter zu der Festfeier persönlich zu erscheinen. Es verfehlt jedoch der unterzeichnete Rector nicht, Namens der Universität Leipzig dem geehrten Michigan Agricultural College zur Jubelfeier die herzlichsten Glückwünsche hierdurch auszusprechen. Möge es bei dem grossen Rufe, dessen es sich nicht nur in praktischen, sondern auch in landwirtschaftlich wissenschaftlichen Kreisen zu erfreuen hat, in aller Zukunft blühen und gedeihen.

Der Rector der Universität Leipzig  
DR. CURSCHMANN<sup>1</sup>

LEIPZIG

am 12. März 1907

<sup>1</sup>THE UNIVERSITY OF LEIPZIG

*To the Committee on Semi-Centennial Celebration of the Michigan Agricultural College:*

For the invitation to the University of Leipzig to participate in the celebration of the Fiftieth Anniversary of the Michigan Agricultural College I wish to express to the honored Committee on Semi-Centennial Celebration our most hearty thanks.

On account of the short duration of the summer semester it will be impossible for any of the professors to be present in person as delegates on this occasion. However, the undersigned Rector takes pleasure in extending herewith in the name of the University of Leipzig the most cordial congratulations to the honored Michigan Agricultural College on its Jubilee. May it continue to thrive and flourish, forever maintaining the glorious reputation it has enjoyed and is justly enjoying among practical, as well as scientific agriculturists.

The Rector of the University of Leipzig  
DR. CURSCHMANN

LEIPZIG, March 12, 1907

UNIVERSITY OF MELBOURNE

*The President, Michigan Agricultural College:*

SIR: I have the honour on behalf of the University of Melbourne to acknowledge with thanks the receipt of the invitation to be represented at the celebration of the Fiftieth Anniversary of the Michigan Agricultural College.

I am directed by the Council to convey to you its congratulations on the occasion of the Jubilee of the College and to express its regret that it is unable to appoint a representative to be present at the celebration.

I have the honour to be, Sir,

Your obedient Servant,

W. E. CORNWALL, *Registrar*

May 3, 1907

## UNIVERSITY OF NORTH DAKOTA

*President of the Board of Control, Michigan Agricultural College:*

DEAR SIR: I write on behalf of the State University of North Dakota to express our regret that it will be impracticable for the university to be represented by a delegate on the occasion of the Fiftieth Anniversary of the founding of the Michigan State Agricultural College. Previous engagements make it impossible for me to be present on that occasion. I am instructed by the faculty, however, to send most cordial greetings and congratulations upon the very honorable record of the Michigan State Agricultural College during the past half-century. Its contribution to the wealth and well-being of the state of Michigan as well as to the great cause of agricultural improvement throughout the country is incalculable. It is our hope that the brilliant achievements of the last half-century are but the harbinger of a still more brilliant career to be achieved in the next half-century.

With renewed greetings and congratulations, I have the honor to remain,

Very sincerely yours,

WEBSTER MERRIFIELD, *President*

UNIVERSITY, N. D.

April 6, 1907

## UNIVERSITÉ DE PARIS

*Monsieur le Président:*

J'ai communiqué au Conseil de l'Université de Paris l'invitation que vous avez bien voulu adresser à l'Université de se faire représenter aux fêtes du 50ème anniversaire de la fondation du Collège d'Agriculture de Michigan, qui auront lieu les 28, 29 et 30 mai prochain.

J'ai le regret de vous informer qu'à cette époque de l'année où s'achèvent les cours, et où s'ouvre la période des examens, il ne sera pas possible à l'Université de répondre à votre vœu.

Mais en son nom comme au mien, j'ai l'honneur de vous adresser, avec nos remerciements pour votre invitation, l'expression de nos vœux les plus empressés pour la prospérité du Collège d'Agriculture de Michigan.

Veillez agréer, Monsieur le Président, l'assurance de ma haute considération.

LE VICE-RECTEUR

*Président du Conseil de l'Université de Paris*<sup>1</sup>

PARIS

le 17 avril 1907

<sup>1</sup>THE UNIVERSITY OF PARIS

*Mr. President:*

I have communicated to the Council of the University of Paris your kind invitation addressed to the university to participate in the celebration of the Fiftieth Anniversary of the Michigan College of Agriculture taking place on the 28th, 29th, and 30th days of next May.

I regret to inform you that at this time of the year, when the regular work of the university has just been completed and the examinations are about to commence, it would be impossible for us to respond to your desire.

But in the name of the university, as well as my own, I have the honor to render you our thanks for your invitation and to express our most earnest wishes for the welfare of the Michigan College of Agriculture.

Mr. President, accept the assurance of my highest regards.

VICE-RECTOR

*President of the council of the University of Paris*

PARIS, April 17, 1907

UNIVERSITY OF TOKIO

[cablegram]

*Agricultural College, Lansing, Mich.:*

Cordial Congratulations.

UNIVERSITY TOKIO

TOKIO  
May 28, 1907



UNIVERSITY OF UTRECHT

*To the President and Board of Control of Michigan Agricultural College:*

The Senate of the University of Utrecht have the honor to acknowledge with thanks the invitation of the president and Board of Control of Michigan Agricultural College, to be represented at the celebration of the Fiftieth Anniversary of the institution on May 28 to 31, 1907. They regret not having an opportunity to appoint delegates who might orally give expression to their admiration for your illustrious College, and request that the cordial congratulations of the University of Utrecht be graciously accepted from this address.

The Secretary of the Senate  
W. H. JULIUS

UTRECHT  
March 15, 1907

## UNIVERSITÄT WIEN

*An das Michigan Agricultural College:*

Das Michigan Agricultural College hat der k. k. Universität Wien eine Einladung zu der in der Zeit vom 28. bis 31. Mai 1907 stattfindenden 50-Jahrfeier übermittelt.

Ich beehre mich, namens der Wiener Universität hierfür den wärmsten Dank auszusprechen und meinem Bedauern darüber Ausdruck zu geben, dass die Entsendung eines Vertreters gerade um diese Zeit nicht möglich ist, weil der Unterrichtsbetrieb an der Universität und die dort stattfindenden Prüfungen eine längere Entfernung von Mitgliedern des Lehrkörpers untunlich erscheinen lassen.

Es sei mir gestattet, dem löblichen Michigan Agricultural College auf diesem Wege die Glückwünsche der k. k. Universität Wien zu übermitteln.

DER REKTOR DER K. K. UNIVERSITÄT<sup>1</sup>

WIEN

am 24. April 1907

<sup>1</sup>UNIVERSITY OF VIENNA

*To the Michigan Agricultural College:*

The Michigan Agricultural College extended its invitation to the K. K. University of Vienna to participate in the celebration of the Fiftieth Anniversary of the institution, taking place between the 28th and 31st days of May, 1907.

I have the honor to express in the name of the University of Vienna our heartiest thanks for your kindness and, at the same time, regret to say that we find it impossible for us to send a representative at that time, for the regular work of the University as well as the examinations taking place there at the time mentioned, do not permit the prolonged absence of any member of the faculty.

Permit me to extend to the worthy Michigan Agricultural College the congratulations of the K. K. University of Vienna.

RECTOR OF THE K. K. UNIVERSITY

VIENNA, April 24, 1907

## WESTERN UNIVERSITY OF PENNSYLVANIA

The Chancellor and Faculty of the Western University of Pennsylvania gratefully acknowledge receipt of the invitation of the President and the Board of Control of Michigan Agricultural College to be represented at the celebration of the fiftieth anniversary of the institution, May 28-31, 1907, and very greatly regret that the near approach of Commencement will prevent representation on that occasion. They wish, however, to congratulate the Michigan Agricultural College upon attaining to the mature age of fifty years, and to wish the College a continuation of its great prosperity and splendid usefulness during the next half-century. This expression is the more earnest because Pittsburgh has given to the College its present able executive and more recently the head of its English Department.

PITTSBURGH, PA.

March 12, 1907

In addition to the greetings printed in full, felicitations were received from the following institutions:

- ADELPHI COLLEGE, Brooklyn, N. Y.  
ALLEGHENY COLLEGE, Meadville, Pa.  
ANTIOCH COLLEGE, Yellow Springs, O.  
BATES COLLEGE, Lewiston, Maine  
BEAVER COLLEGE AND MUSICAL INSTITUTE, Beaver, Pa.  
BELOIT COLLEGE, Beloit, Wis.  
BOSTON UNIVERSITY, Boston, Mass.  
BRYN MAWR COLLEGE, Bryn Mawr, Pa.  
CARLETON COLLEGE, Northfield, Minn.  
CARTHAGE COLLEGE, Carthage, Ill.  
CENTRAL WESLEYAN COLLEGE, Warrenton, Mo.  
CHESHIRE SWINE BREEDER'S ASSOCIATION, Freeville, N. Y.  
COLGATE UNIVERSITY, Hamilton, N. Y.  
DENISON UNIVERSITY, Granville, Ohio  
DEPARTMENT OF AGRICULTURE, Victoria, Melbourne  
DETROIT COLLEGE, Detroit, Mich.  
EUREKA COLLEGE, Eureka, Ill.  
GEORGIA SCHOOL OF TECHNOLOGY, Atlanta, Ga.  
HIRAM COLLEGE, Hiram, Ohio  
LAKE FOREST COLLEGE, Lake Forest, Ill.  
MACALESTER COLLEGE, St. Paul, Minn.  
MARIETTA COLLEGE, Marietta, Ohio  
NOTRE DAME UNIVERSITY, Notre Dame, Ind.  
OCCIDENTAL COLLEGE, Los Angeles, California  
OHIO UNIVERSITY, Athens, Ohio  
PENNSYLVANIA COLLEGE FOR WOMEN, Pittsburgh, Pa.  
RADCLIFFE COLLEGE, Cambridge, Mass.  
ROANOKE COLLEGE, Salem, Va.  
ROSE POLYTECHNIC INSTITUTE, Terre Haute, Ind.  
ROTHAMSTED EXPERIMENTAL STATION, Harpenden, England  
SMITH COLLEGE, Northampton, Mass.  
SYRACUSE UNIVERSITY, Syracuse, N. Y.  
THOMAS S. CLARKSON MEMORIAL SCHOOL OF TECHNOLOGY, Potsdam,  
N. Y.  
TRINITY COLLEGE, Dublin, Ireland  
UNIVERSITY OF ILLINOIS, Urbana, Ill.  
UNIVERSITY OF MONTANA, Missoula, Montana

UNIVERSITY OF NEW MEXICO, Albuquerque, N. M.  
UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.  
UNIVERSITY OF OREGON, Eugene, Oregon  
UNIVERSITY OF SYDNEY, Australia  
VASSAR COLLEGE, Poughkeepsie, N. Y.  
WELLESLEY COLLEGE, Wellesley, Mass.  
WESLEYAN UNIVERSITY, Middletown, Conn.  
WHEATON COLLEGE, Wheaton, Ill.  
THE WOMAN'S COLLEGE, Baltimore, Md.  
WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass.  
YALE UNIVERSITY, New Haven, Conn.

**CONGRATULATORY MESSAGES**

**RECEIVED BY THE COMMITTEE**

**FROM INDIVIDUALS**

## FROM SARAH M. ABBOT

Widow of Theophilus C. Abbot, Professor in this College, 1858-92, and  
President, 1862-84

*President Snyder:*

DEAR SIR: It is with exceeding regret that I must decline the invitation to be present at the Fiftieth Anniversary of Michigan Agricultural College. Nothing could give me greater pleasure than to meet once more the old students and other friends who will be there, but the infirmities of old age do not permit me to take the long journey.

With best wishes for the continued prosperity of the College in which I shall ever be interested,

Very sincerely yours,

SARAH M. ABBOT

SAN GABRIEL

May 17, 1907

## FROM ROBERT GIBBONS

For many years Editor of the *Michigan Farmer*

*President J. L. Snyder, Michigan Agricultural College, Mich.:*

DEAR MR. PRESIDENT: Pardon my neglect to acknowledge the receipt of your very artistic invitation to attend the Semi-Centennial of Michigan Agricultural College. I can assure you the compliment is highly appreciated, and I only waited to see whether or not I could possibly be present before replying. It is with great regret I find I will not be able to attend. Thursday is Memorial Day, and I could not put off meeting with the old comrades yet able to answer roll-call, but maybe for the last time. They are dropping fast, now, and the few left in Detroit Post 384. regard the loss of a familiar face as a calamity.

But I am getting too reminiscent—a sign probably that Dr. Osler should be on my track and cut me off as a cumberer of the earth.

But, Mr. President, let me say that the Michigan Agricultural College is the Plymouth Rock of American agriculture, and as inspiring in its history as that famous rock has been in the history of free government. Its pioneers had as arduous a task before them as the Pilgrim Fathers; and did their duty as they saw it, as faithfully as the Puritans. Long after we have passed into oblivion the agricultural colleges of the United States will be the beacon lights along the stream of progress which will warn voyagers from the rocks of ignorance and prejudice, and guide them into the harbors of success and advancement. Every patriot who prizes the well-being of his country should contribute by voice and work for their fuller development to meet the enlarged and onerous duties they will be compelled to assume.

This is not written in eulogy, but as a statement of facts that will force themselves upon the minds of all who have studied their history. I have had opportunities during the past forty years to know the men who have managed M. A. C.'s affairs and taught its students, and have seen the results of their teach-



ings exemplified on the farms of the state. It is an inspiring record, and one that will be more greatly honored a century hence than the present generation can realize.

Let us all hope, Mr. President, that future generations will be as faithfully served by the faculty and managers of agricultural colleges all over the land as the present ones, and there will be no fear that the agriculturalist will not develop with his opportunities, and become more of a factor in the industrial progress of the Union than he is now.

Sincerely believing that I have not overstated, or even approached the magnitude of the services rendered by the farmers' colleges in the Union, I need not repeat that I regard them as worthy of all praise as the best examples of the true dignity of labor that is honestly performed and as exemplifying its great value in building up the character of American Citizens.

All honor, therefore, to the M. A. C., the Plymouth Rock of American agriculture, whose teachings developed pioneers able to make plain the great truths of Nature and their relation to the highest development of modern agriculture. To yourself, Mr. President, and your able assistants and advisers, I feel it only justice that I, who know what has been accomplished, should bear testimony to their unselfish and patriotic services in advancing and developing the agriculture of the state.

This is not for the public, but to make clear to yourself and every member of the faculty how much I appreciate their services.<sup>1</sup>

Sincerely yours,

ROBT. GIBBONS

DETROIT, MICH.

May 28, 1907

<sup>1</sup> Permission was later given for the publication of this letter.—EDITOR.

FROM DOCTOR EDWARD EVERETT HALE

MY DEAR SIR: I am one of the few people who remember with interest the establishment of the Agricultural College. I have followed its honorable history with pride and pleasure. I am honored and gratified by your invitation. But I am sorry to say that I have already made appointments for that week which compel me to decline attempting the service which you propose.

I told Senator Burrows that I hoped I could arrange to come. But this proves to be impossible.

Truly yours,

EDW. E. HALE

1748 N STREET, N. W., WASHINGTON, D. C.

February 12, 1907

A GREETING TO THE MICHIGAN AGRICULTURAL  
COLLEGE

FROM DOCTOR E. W. HILGARD

Professor of Agriculture in the University of California and Director of the  
Experiment Station

Greatly regretting my inability to be personally present at the Semi-Centennial Celebration of the founding of the oldest agricultural college in the United States, I have requested President Wheeler to convey to the Michigan College my greetings and congratulations upon this auspicious occasion, which representatives of all colleges in the country have come together to celebrate. I hail it as one of the manifestations of growing interest in the commemoration of anniversaries of victories unconnected with the marshaling of armies or with civil strife.

I know I am but one among the hundreds engaged in promoting the progress of the fundamental industry, which is now emerging from the eclipse of ages into recognition as a profession worthy of the highest efforts of the best intellects. I am, however, led to ask a hearing at this time, as one of the relatively few survivors of the first general meeting of agricultural college men, held in Chicago in August, 1869, when the Michigan College was already twelve years old. The call to that early convention was for the discussion of the proper organization of, and subjects and methods of instruction in, the new institutions, regarding which there was a wide divergence of opinion. If I remember rightly, several of the charter members of the Michigan College, whose names are on the program of this meeting, were also present; and among the eastern delegates was Daniel C. Gilman, then librarian of Yale College. It was remarked by those attending that the Michigan College alone had placed on the program several strictly technical papers, the first of these being one by Professor Manly Miles, on "Pig Feeding." On my arising to a point of order, claiming that the object of the meeting was to discuss the education of men and not animals,

the objection was not sustained by the chairman, in view of the prominence of the speaker, and the seniority of the Michigan College. It clearly developed during the later discussions that Michigan College considered that she had already solved the problem, and that what has since borne the designation of the "Michigan Plan," viz., a large proportion of student labor, "to keep up the habit and not wean the pupils from the farm," was the only admissible method of agricultural education. The predominance of opinion at the adjournment of the convention seemed to favor that plan, although many vigorous protests against the use of so much of the students' time for mere mechanical exercise were voiced.

It is hardly necessary to dwell elaborately, before this audience, upon the change of views and practice which experience has brought about in the Michigan College itself, and upon the gradual evolution of the "Wisconsin Plan," according to which it is distinctly recognized that the colleges organized under the Morrill Act cannot educate the bulk of the farmers' sons to be farmers, any more than the universities can directly educate the bulk of the rest of the population to their several pursuits. It is now recognized that in agricultural education as in every other, there must be a gradation of schools and of instruction, from the primary through graded grammar and high schools; so that it shall be the special function of the colleges to train, in the main, agricultural experts and teachers, the lack of whom at this time offers the most serious obstacle to the effective organization of instruction in agriculture in the lower schools, where alone the bulk of the population can be trained in anything. It is the attempt, made at first, to perform the physically impossible task of satisfactorily combining elementary and collegiate training within the colleges themselves, that has long made of them a bone of contention. For they were popularly charged with "educating the boys away from the farm," while in reality they were merely fulfilling their prescribed duty of giving instruction

in "the sciences bearing on agriculture and the mechanic arts."

I have held and defended these views for nearly forty years, mostly against heavy popular odds, but I do not fail to recognize and fully appreciate the inestimable services which the Michigan College has rendered to the cause of agricultural education. First in the field, and with few available precedents to act upon, amid intensely practical surroundings, she took what appeared to be the most obvious and direct course toward the desired end, thus giving an object-lesson of the greatest importance to all the younger states and colleges. Therefore, in my view, the achievements of the Michigan Agricultural College during the second half-century upon which she is now entering, can hardly be more widely useful than have been those of the first, the end of which brings her well-deserved congratulations from all parts of the United States.

EUG. W. HILGARD

FROM BYRON D. HALSTED

Of the Class of 1871. Instructor, 1873-74. Professor of Botany and  
Horticulture, Rutgers College, 1889-

[telegram]

NEW BRUNSWICK, N. J., May 29, 1907

*President Jonathan L. Snyder:*

My love to my Mother, whose paeans are sung  
The queen of all others, and fifty years young.

BYRON D. HALSTED

FROM PRICE J. WILSON

TIFFIN, OHIO, May 22, 1907

*President of Agricultural College, Lansing, Mich.:*

MY DEAR PRESIDENT SNYDER: I certainly do most highly appreciate your kind invitation of May 18 to attend the Semi-Centennial Exercises of your great institution. My uncle, P. J. Price, Mr. H. A. Woodworth's father-in-law, my brother, and myself walked out from Lansing that day,<sup>1</sup> for conveyances were of primitive style and not plenty in those days. We all enjoyed the exercises. The address of the president of the College was full of hope and you are enjoying its fruition in these days. I rejoice in the success that has come to Michigan Agricultural College.

I hope the days of next week will be delightful and full of rational enjoyment. I hope to accept your invitation to be present and I do sincerely thank you for this kindness.

Very truly yours

PRICE J. WILSON

<sup>1</sup> May 13, 1857, on which day Michigan Agricultural College was formally dedicated.

**DELEGATES AND DISTINGUISHED GUESTS**



## LIST OF DELEGATES AND OTHER DISTINGUISHED GUESTS

\*The star shows that a duly accredited delegate is unable to be present.

### FOREIGN UNIVERSITIES AND COLLEGES

University of Cambridge

Dean Henry T. Bovey, F.R.S., LL.D., D.C.L.\*

University of Edinburg

Professor Robert Wallace

Friedrichs-Universität

Carl Steinbrück, Ph.D.

University of Naples

Pietro Cardiello

McGill University

Principal James W. Robertson, LL.D., C.M.G.\*

University of Toronto

President G. C. Creelman, B.S.A., M.S.

University of Upsala, Sweden

Carl G. Dahl

Ontario Agricultural College

President G. C. Creelman, B.S.A., M.S.

### AMERICAN UNIVERSITIES AND COLLEGES

Adrian College

Rev. John W. Gray, M.A., D.D.

Albion College

President Samuel Dickie, LL.D.

Alma College

President August F. Bruske, D.D.

Amherst College

Superintendent S. O. Hartwell

Baldwin University

President George Blake Rogers, A.M., B.D., Ph.D., D.D.

Blackburn College

Victor M. Gore, A.B.

Bucknell University

President John Howard Harris, Ph.D., LL.D.

Central State Normal School

Professor William Bellis, B.S., B.Pd.

Clark University

Ellsworth G. Lancaster, Ph.D., LL.D.

Clemson Agricultural College

Professor J. N. Harper

Professor W. M. Riggs, M.E.

Colorado State Agricultural College

Professor C. P. Gillette, M.S.

Colorado School of Mines

President Victor Clifton Anderson, A.B., Sc.D.

Connecticut Agricultural College

President Rufus Whittaker Stimson, A.M., B.D.

Cornell University

Dean Liberty Hyde Bailey, M.S.

Professor R. C. Carpenter, LL.D.

Professor Thomas Forsyth Hunt, M.Sc., D.Sc.

Professor L. B. Judson, B.S.

Professor Raymond Allen Pearson, M.S.

Professor John Craig, M.S.

Professor M. V. Slingerland, Ph.D.

Detroit College

President R. D. Slevin, S.J.\*

Earlham College

Fred R. Hathaway, M.A.

Georgia State College of Agriculture and Mechanic Arts

President Henry Clay White, Ph.D., D.C.L., LL.D.

George Washington University

Rev. Richard D. Harlan, D.D., LL.D.

**Hamilton College**

Rev. Willard K. Spencer, A.M., D.D.

**Hampton Institute**

Director E. A. Bishop, B.S.

**Harvard University**

Professor Theodore Lyman, Ph.D.

**Hillsdale College**

President Joseph William Mauck, A.M., LL.D.

**Hope College**

President Gerrit J. Kollen, A.M., LL.D.

**Indiana University**

E. A. Bryan, A.M., LL.D.

**Iowa State College of Agriculture and Mechanic Arts**

President A. B. Storms, A.M., D.D., LL.D.\*

Dean C. F. Curtiss, M.S.A.

Professor L. H. Pammel, Ph.D.

P. G. Holden, B.Pd., M.S.

**Kalamazoo College**

President A. Gaylord Slocum, A.M., LL.D.

**Kansas State Agricultural College**

President E. R. Nichols, B.D., B.S., A.M.

Regent A. M. Story

**Kentucky State College**

President James Kennedy Patterson, Ph.D., LL.D.

**Lake Erie College**

Professor Inza McK. Allison, B.E.

**Louisiana State University and Agricultural and Mechanical College**

Dr. Wm. H. Dalrymple, M.R.C.V.S.

**Massachusetts Agricultural College**

President Kenyon L. Butterfield, B.S., A.M.

Wm. H. Bowker, B.S.

Professor George E. Stone, Ph.D.

**Massachusetts Institute of Technology**

Professor Geo. W. Patterson, B.S., M.A., Ph.D.

Miami University

Professor Benjamin Marshall Davis, M.S., Ph.D.

Michigan College of Mines

President F. W. McNair, B.S.

Michigan State Normal College

President L. H. Jones, A. M.

Mississippi Agricultural and Mechanical College

President John C. Hardy, A.M., LL.D.

Missouri School of Mines

Professor P. J. Wilkins, B.S.

Mount Holyoke College

Mrs. Leartus Connor, B.S.

National Farm School

Director John Hosea Washburn, A.M., Ph.D.

New Hampshire College of Agriculture and Mechanic Arts

President W. D. Gibbs, M.S.

Professor E. Dwight Sanderson, B.S., B.S.A.

North Dakota Agricultural College

Professor C. B. Waldron, B.S.

Northern State Normal School

Principal James H. B. Kaye, A.M.

Northwestern University

President Abram Winegardner Harris, Sc.D., LL.D.

Oberlin College

Dean Charles E. St. John, B.S., Ph.D.

Ohio State University

Dean Homer C. Price, M.S.A.

Professor William R. Lazenby, M.Agr.

Oklahoma Agricultural and Mechanical College

Director William L. English, B.S.

Professor W. R. Wright, B.S.

Olivet College

President Ellsworth G. Lancaster, Ph.D., LL.D.

Oregon Agricultural College

President W. J. Kerr, D.Sc.

## Pennsylvania State College

Vice-President Judson P. Welch, Ph.D.

Professor H. E. Van Norman, B.S.

## Pomona College

Professor Albert John Cook, D.Sc.

## Purdue University

President Winthrop Ellsworth Stone, A.M., Ph.D., LL.D.

Professor W. C. Latta, M.S.

Professor J. Troop, M.S.

C. G. Woodbury, B.S.

## Rhode Island College of Agriculture and Mechanic Arts

President Howard Edwards, LL.D.

## Rutgers College

President W. H. S. Demarest, A.M., D.D.

Professor Edward B. Voorhees, A.M., D.Sc.

Professor J. G. Lipman, A.M., Ph.D.

## South Dakota College of Agriculture and Mechanic Arts

President Robert L. Slagle, A.M., Ph.D.

Director James W. Wilson, M.S.A.

## State College of Washington

President Enoch A. Bryan, A.M., LL.D.

## Swarthmore College

Ralph Stone, B.A., LL.B.

## Texas Agricultural and Mechanical College

Professor Charles H. Alvord, B.S.

## Tuskegee Normal and Industrial Institute

Charles W. Greene

## Union College

Hon. Charles DeWitt Lawton, C.E., A.M.

## University of California

President Benjamin Ide Wheeler, Ph.D., LL.D.

Hon. A. W. Foster

## University of Georgia

President Henry Clay White, Ph.D., D.C.L., LL.D.

University of Illinois

President Edmund Janes James, A.M., Ph.D., LL.D.\*  
Dean Eugene Davenport, M.S., M.Agr., LL.D.  
Superintendent Fred H. Rankin  
Professor H. W. Mumford, B.S.

University of Maine

President George Emory Fellows, Ph.D., L.H.D., LL.D.  
Dean Wm. D. Hurd, B.S.  
Professor M. J. Dorsey, B.S.

University of Michigan

President James Burrill Angell, A.M., LL.D.  
Professor Jacob Reighard, Ph.B.  
Professor Mortimer Elwyn Cooley, M.E., LL.D.  
Professor J. B. Pollock, Sc.D.

University of Minnesota

Professor Harry Snyder, B.S.  
Professor Samuel B. Green, B.S.  
Professor C. P. Bull, B.Agr.

University of Missouri

Professor F. B. Mumford, B.S.  
Dean H. J. Waters, B.S.A.  
P. J. Wilkins, B.S.

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