

UCCSN Board of Regents' Meeting Minutes November 9-10, 1911

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Reno, Nevada
November 9, 1911

The Regents met at their Office in Morrill Hall at 11 o'clock A.M. Thursday, November 9, 1911. All members of the Board and President Stubbs were present.

The minutes of October 2, 1911 were read and approved.

President Stubbs read his report as follows:

To the Honorable
The Board of Regents
of the University of Nevada

Gentlemen:

I have the honor to make this report for the month ending October 31, 1911.

REGISTRATION

The registration of University students is 237; the registration of University High School students is 80; the total registration is 317.

OPINIONS OF THE STUDENT BODY AND OF THE FACULTY RESPECTING THE CHANGE IN THE SCHEDULE AS SHOWN BY THEIR VOTES

I have submitted the question of a change from the present schedule in different forms to the student body and the following are the results:

The first of these votes were taken by Miss Meighan and Lieutenant Mc Clure, October 3rd.

In favor of the present luncheon hour (1 to 2)

Manzanita Hall Girls	34	Lincoln Hall Boys	31
Town Girls	16	Town Boys	21

Total 102

In favor of the luncheon hour from 12 to 1, but not in favor of Drill or Physical Culture from 1 to 2

Manzanita Hall Girls	0	Lincoln Hall Boys	5
Town Girls	1	Town Boys	17
Total	23		

In favor of the luncheon hour from 12 to 1, and willing to take Drill and Physical Culture from 1 to 2

Manzanita Hall Girls	1	Lincoln Hall Boys	9
Town Girls	9	Town Boys	10
Total	29		

Total Boys Voting	93
Total Girls Voting	61
Total Vote Cast	104

Second vote, Friday, October 6th.

This vote was given by the students residing in the City and Sparks, and was the result of a petition from the homekeepers that the hour from 12 to 1 for luncheon be restored. The town students desiring luncheon from 12 to 1 were 23, 11 of whom wanted Drill from 3:30 to 4:30 and 2 did not. 42 of the town students wanted luncheon from 1 to 2, leaving the Drill hour as it is.

A standing vote of the town students was taken in regard to returning to the old schedule. For this a small majority of the town students wished to return to the old schedule.

The next vote of ALL the students was taken from October 13th to October 17th on the question as to their preference for the old schedule or the present schedule. The vote follows:

For the old schedule	97
For the present schedule	103
Total vote	200

The final vote of the student body was taken at Assembly October 20th, with the following result:

In favor of Drill and Physical Culture from 3:30 to 4:30	
No	183

Yes 39
 Immaterial 1
 Total 223

In favor of Drill and Physical Culture from 1 to 2

No 194
 Yes 29
 Immaterial 1
 Total 224

I have taken these votes from the students to ascertain the public sentiment of the student body, with the distinct purpose in mind of letting the public sentiment of the students govern in this matter.

It is evident that these votes do not by any means give the President or the Academic Council data for a decision. The young women of the University prefer the present schedule; the young men generally prefer the old schedule of 11 to 12 for Drill and 12 to 1 for luncheon. The young women object to Physical Culture from 1 to 2. I understand that there is no hygienic reason why the young men could not drill from 1 to 2. In regard to the petition of the homekeepers in Reno, they simply want the luncheon hour from 12 to 1; nothing else matters to them.

Vote of the Academic Council, October 12th.

The vote of the Academic Council was first on the question, "Does the Council favor restoring the old schedule?"

Yes 12 No 23 Not Voting 3

The second question was, "How many of the Council favor the present schedule to the end of this semester?"

Yes 22 No 15 Not Voting 1

Third question, "Do the members of the Council favor putting Drill and Physical Culture from 1 to 2 and the luncheon hour from 12 to 1?"

Yes 9 No 17 Not Voting 11

Fourth question, "Do the members of the Council favor Drill from 3:30 to 4:30?"

Yes 17 No 17 Not Voting 3

Vote of the Academic Council, October 19th.

I put the vote in a little different form. Question 1, "How many of the Academic Council would favor putting Drill and Physical Culture from 3:30 to 4:30, as compared with the present schedule, the luncheon hour to be from 12 to 1?"

Yes 23 No 11 Not Voting 0

Question 2, "How many of the Academic Council would favor putting Drill and Physical Culture from 3:30 to 4:30, as compared with the old schedule?"

Yes 18 No 13 Not Voting 3

Question 3, "Does the Academic Council favor Drill from 1 to 2 or 3:30 to 4:30?"

From 1 to 2 19 From 3:30 to 4:30 8
Not Voting 7

I interpret these various votes of the Academic Council as follows:

A majority of the Academic Council would favor the schedule of recitations from 8 to 12, restoring the luncheon hour from 12 to 1. Then they are willing to put the Drill and Physical Culture from 1 to 2 and the Laboratory work from 2 to 4:30, or they are willing to place the Laboratory work from 1 to 3:30, and the Drill hour from 3:30 to 4:30. There is a strong minority, however, that favor the restoration of the old schedule. Taking account of all the various votes of the student body, of the downtown students, and of the faculty, I venture to express my opinion as to the good of the institution as gathered from these votes:

1. Make no change in the existing schedule for this semester.
2. If there is no change in the public sentiment or in the faculty sentiment before the end of this semester, then, inasmuch as there is no agreement between the students and faculty, the Regents will say whether
 - a) The present schedule shall be maintained throughout the year, or

b) whether we shall go back to our former schedule.

LIBRARY STUDY

One recitation hour represents 2 1/2 hours of Laboratory work. Some of the Departments require, or suggest, Library work, which is required as the equivalent of Laboratory work; for example, the Departments of Latin, Greek, History, Economics, English, French, Spanish, German, Sociology and Education.

Criticism was brought to me by one of these Professors that under our present schedule of work the students were doing less Library work for the several Departments than they had done in other years. If true, this was a very serious matter, and I sought to get at the facts both from the Departments concerned and the students. I held a meeting in my office on the 17th of October at 12 o'clock. Present were Professors Hill, Ordahl, Romanzo Adams, Layman, Miss Wier and Miss de Laguna. The President put to each of the members present the following question: "Are you getting as good Library work now as you have had in previous years? If not, what is the reason?"

Dr. Hill: My students are reading in connection with their subjects more than in any previous year. There is a higher standard of scholarship as well as a better standard of work.

Dr. R. Adams: The Library work connected with my Department is very satisfactory. In Sociology I give two lectures a week and one quiz and the required reading is well done. For the other two classes I have a text book and assign a little collateral reading.

Dr. Ordahl: The Library work in my classes is better done now than at any time in the previous years, showing an improved condition of scholarship.

Miss Wier: My Library work is not as well done as in the previous years. The work must largely be inspirational. I attribute the failure to do this work to the fact that the girls go home at 1 o'clock and do not want to return, and, second, that a spirit of pleasure has taken possession of a number of our students and they use the time of the afternoon for pleasure rather than work. I do not check upon the students in their reading because I have not the time, and should have assistance.

Miss de Laguna: The Library work in my Department is very satisfactory. I am of the opinion that many students are giving themselves to pleasure and are not doing the amount of Library work

in the afternoon that is required of them by the different Departments. (She gave an ideal view of what the students should do and thought that we should entice and charm the students to the Library.)

Mr. Layman: I am giving nearly all of my time to the purchase of books, but am of the opinion that students who do not come to the Library now are students who formerly came for purposes of conversation and visiting. So far as I know the number attending the Library now is as great as in previous years.

The President said in regard to opening the Library in the evenings, to which reference had been made by some of the Professors, that if it were shown that the students would use the Library in the evening for reading and consultation for their class work, he would arrange to open the Library. Up to the present time, there has been no demand on the part of the students for the use of the Library in the evenings.

Second, that any Department that needs assistance to secure better work will be given that assistance on application.

Third, the question in regard to our young people using their time for pleasure instead of for Library work is a question still open to discussion. The President will seek by all means in his power to gather the facts. Adjourned.

Continuation of Conference held in President's office, October 23rd.

There were present Miss Wier, Miss de Laguna, and Messrs. Church, Watson, Layman and von Janinski. Absent: Messrs. Hill, R. Adams, and Ordahl.

Referring to the subject of an interview held October 17, 1911. Drs. Church and Watson both agreed they were having as good Library work as ever before, and probably a little better. Mr. Layman said that he had kept an account of the students in attendance at the Library and it seemed to indicate that of serious-minded students the attendance was better than ever this year.

Miss Wier said that she seemed to be the only one whose work in the Library was unsatisfactory.

The President said that the opinions given in both interviews were to the effect that the work in the Library was good, if not better, this year than in previous years, with the single excep-

tion of Miss Wier's work, in which there seemed to be some falling off; that at present he could see but one way to remedy this and that was to give Miss Wier some help, so that she could require certain Library work of her students, especially those of the Freshman and Sophomore years. Miss Wier replied that her work was largely inspirational and that she did not think it wise to compel the students to do the Library work under the supervision of someone employed for that purpose. Miss Wier seemed to think it very strange that her work was the only work that suffered, and was inclined to reflect upon the other Departments. She said, moreover, that a little sympathy, a little cooperation from the other Departments would enable her to carry on her work successfully; that now she felt that the Department of History was losing ground. The President said that she could have sympathy and cooperation and that if she would tell him in what respect this sympathy and cooperation should express itself he would see that this was given. Pressed for a reply, she said that the Library needed to be reorganized, that some of the books that she needed to use were put off in an annex to the Library, and when urged to say in what respect we could improve it, she said to build a room outside the Library where the students could study; that there was so much noise in the Library that some of the students could not study there. The President reminded her that he had made his recommendation to the Board of Visitors and to the Board of Regents that we build a temporary Library and they refused their consent to it.

It seems to the President that Miss Wier did not make a single suggestion that was at all practical and she refused to consider the suggestions made in regard to securing good Library work from the students in her Department. He closed the discussion by telling Miss Wier that he was ready to lend a hand in any respect that she could suggest that would increase the efficiency of her Department.

I have taken the reports of the students residing at Lincoln and Manzanita Halls and these reports indicate that these students are busy either with their Laboratory work or with reading or study in the afternoon. 14 of the students who reside in Reno reported that they had Library work or pursued their studies either in the Library or at home between the hours of 2 and 4:30 P.M.

To sum up the results of this investigation, which I have made with great care, I would say:

1. That from these reports our students generally seem to

be at work between the hours of 2 and 4:30; that is, the Laboratory hours.

2. That the criticism that under the present schedule the students give themselves up to pleasure in the afternoon is not true generally, and, if it is true in special cases, I have not been able to ascertain who they are.
3. That the reports from all the Departments, including the Library, indicate that the scholarship this year is improved and that there is an increase of interest and work in the Library save in one Department.
4. That there is some justifiable criticism on the part of the Department of History, but the reasons for this criticism are not these that are alleged. The President has sought to remove the ground for this criticism in his tender to the Department of all necessary aid whenever the Department makes application for it.

THE ADOPTION OF THE REPORT OF THE COURSES OF STUDY IN THE COLLEGE OF ARTS AND SCIENCE

The real root of the trouble lies in the opposition to the course of study for the College of Arts and Science, which was adopted by the Academic Council near the close of the last academic year and also the condition for admission for the College of Arts and Science.

Sometimes it is necessary to go beneath the apparent reasons for the real reasons for any course of action. The statements that have been made during this discussion I think show that the real reasons are underneath those which are given.

Most of the members of the faculty who were opposed to the adoption of this course of study in the College of Arts and Science and the admission requirements -- not all, but most of them -- are still opposed to it, and a few members irreconcilably so. This irreconcilable opposition is based upon the following reasons:

1. That the members of the College of Arts and Science should have made out the course of study and the other members of the Academic Council should have had no determining voice in it. I take it this reason is partly sound and partly unsound. Before presenting the present course of study to the Academic Council, it was discussed for a long time in the Executive Committee, which is made up of representa-

tives from the College of Arts and Science, from the College of Agriculture, and from the Engineering faculties. I think in the main the men who make up the Executive Committee are men of judicial mind, and, before the course of study was presented to the Academic Council all the members of the Executive Committee favored it excepting Dr. Church, who favored the admission requirements, but did not wholly favor the course of study. Then the course was presented to the Academic Council and fully debated by that body, and, when the discussion was finished, it was passed.

2. The opposition to the new course of study this year is not wholly justifiable. There is a large increase in the enrollment in the University, part of which must be accounted for by the new course adopted. It would be wiser for every member of the faculty to test the course by experience and then make what changes seemed to be necessary prior to next year. This is the attitude of some members who originally opposed the adoption of this course of study, but, on the other hand, some of the opposition are not willing to do this.
3. It is said that the studies of Division II (the important division in History, Economics, Sociology and Psychology) have received this year simply the leftovers and that the major subjects are in the main selected from the first and third divisions, and it is charged further that inasmuch as most of the students in the College of Arts and Science wish to teach, that they are compelled to take certain subjects as prerequisites (for example, Hygiene, Psychology and English) and are thereby prevented from electing the subjects in the second group.

After considering everything growing out of the conference with certain members of the faculty held on October 17th and October 23rd, I said that instead of waiting a little while longer to try out the course of study in the College of Arts and Science that the faculty of this College proceed at once to a discussion of the question at issue and try -- dispassionately and in good temper -- to reach a conclusion that would be satisfactory to all of the members of the College of Arts and Science faculty, and then take the question up to the Academic Council for final action. It must be understood that the College as a whole has interests which should be regarded when we come to a discussion upon the courses of study in the separate Colleges.

For this purpose I called together the faculty of the College of Arts and Science on November 2. Among other things I said to

them as follows: That we wanted practical unanimity upon the question of the course of study in the College of Arts and Science by the Professors and Instructors representing that College. Therefore, I will approve taking up the question now of the course of study in that College with reference to a full discussion of the whole question in good temper and with a sincere desire to arrange the course for the interest of the students and faculty, by which I mean the University as it presents itself to the public, and after thinking it over I cannot see any better time than to go right at it.

I have given to each member of the Academic Council a copy of a report made to the National Education Association which recently held its annual convention in San Francisco. This report was adopted by the convention and recommended to the Colleges and Universities of the country. This report embodies the admission requirements mainly held by the Colleges and Universities of the West and Middle West, and is in opposition to the view which obtains for admission to such Colleges as Harvard, Yale, Princeton, Columbia, and most of the large eastern Colleges. The report emphasizes: first, that the high school has a work of its own to do for the youth of the country regardless of whether they enter College or not at the conclusion of their high school course; second, the report emphasizes 15 units for admission to College, of which 4 units should be allowed for vocational studies, such as bookkeeping, stenography and typewriting, manual training, domestic science, and the other 11 should be based upon such studies as English, Mathematics, Physics, History, Latin, Greek, German, French, Spanish, Physical Geography, Botany, Zoology, Physiology and Agriculture, but that the College or University should not require more than one foreign language for admission, and, as a rule, but two years of that. In other words the report advises:

English	3 units
Foreign Language	2 units
Mathematics	2 units
Social Science	1 unit
Natural Science	1 unit, to which must be added to make another major, 1 or 2 units

Taking this report as a basis, the faculty of the College of Arts and Science will meet at 12 o'clock on Thursday, November 16, and will take up the discussion of admission requirements, considering those which the University of Nevada now has and comparing them to the report of the National Education Association. After this meeting the College of Arts and Science will meet once a

week to consider the course of study with a view to seeking a harmonious agreement before the meetings are over. There will be differences of opinion to be adjusted and these differences of opinion are based first upon the radical differences of opinion between the East and West as to admission requirements and, second, to remove the injustice, if there be any, in the present courses against the studies of Division II.

GIFT

Mr. George Wingfield has given \$125 to pay the Coach, Ellsworth R. Bennett, the additional sum to his contract. You will remember that the students agreed to pay him \$375 for this season, and I said that the University would see to it that \$125 additional was paid him. \$500 was the sum which the Associated Students had hitherto paid the Coach, and Mr. Bennett felt it was not just to ask him to take anything less.

RECOMMENDATIONS

I recommend that Miss Mabel A. Jones be appointed Instructor in Music for \$350 this school year, beginning the first of October.

I recommend that Professor Robert Lewers, Vice-President of the University, be appointed a delegate to the 25th Annual Convention of the Association of American Agricultural Colleges and Experiment Stations to be held in Columbus, Ohio, Wednesday, Thursday and Friday, November 15, 16 and 17, 1911. Also that he be appointed delegate to the American Association of Farmers' Institute workers to be held at Columbus, Ohio, November 13 and 14. This will require his absence from the University about 2 weeks.

I recommend that the University let the contract for hauling the good earth from the railroad land above Mrs. Chism's and adjoining the river for the price of 75 cents a cubic yard. This will make the total cost as follows: 6 inches of good earth to match the six inches that the Reno Construction Company is required to put on the south face of the dam -- 1335 cubic yards at 75 cents, \$1001.25. 4 inches of good earth would be \$667.50. It is thought that by hauling manure, which we can obtain from our own stables, and scattering it all over the ground before the good earth is applied, this would make a covering just as good as though we put 6 inches of earth on. We should probably reckon that it will cost us about \$750 for 4 inch covering of good earth and manure from our stables.

I recommend further that, according to the original plan outlined

by Mr. Mackay, we plant, as soon as practical, trees around on Ninth Street between Center and Virginia, and on Virginia Street to a point beyond the Dining Hall; that the grounds in front of Manzanita Hall, as well as the grounds north of the dam, be sown to grass at the earliest possible date, and that trees and shrubs be planted as may be planned for by Mr. Bliss. All of the trees and shrubs may be obtained from the Horticultural Department of the University at a nominal figure. When this is done we should stop and take account of how much we would have left of the \$10,000 improvement fund.

I ask the Regents to approve the following contracts:

1. For building a retaining wall in the rear of the Electrical building according to the plans and specifications for the sum of \$290 to J. J. Smith.
2. To the Reno Construction Company, Mr. H. E. Stewart, Manager, for \$400 to build the weir spillway and reinforced concrete flume.

I recommend that the University put in the water pipes on the ground south of the dam between Virginia and Center Streets at a cost not to exceed \$400. The following is the estimate:

450 feet 3 inch iron pipe @ 24 1/2 cents	\$110.25
500 feet 1 inch pipe @ 5 1/2 cents	27.50
10 1 inch gate valves @ 1.25	12.50
15 hydrants @ 2.75	41.25
Labor, digging ditch, laying & covering pipe ...	125.00
8 3 x 1 crosses @ 1.46	11.68
Total	\$328.18

I think that the University can lay this pipe with her own men at a cost not to exceed \$300, but I think the Regents should give some little leeway.

If the Regents think that we should lay a main -- either 6 inch or 8 inch -- from the corner of Lincoln Hall down to the corner of Hatch Station for fire purposes at once, then I recommend that they take the money necessary to lay the water main and put in fire plugs from the Regents' Special Fund.

I have had estimates as follows:

Estimate of pipe line extending from end of 6 inch main in front of Lincoln Hall to within 20 feet of Hatch Station, length 635 feet. The purpose of this main is for use in case

of fire only:

6 inch pipe per foot	.68	\$431.80
6 x 4 tees each	2.25	4.50
2 fire hydrants each	35.00	70.00
Digging ditch & covering same per linear foot	.15	95.25
Connecting pipe & necessary plumbing work	50.00	50.00
Total		\$651.55

For the purpose of making connections with this 6 inch line to the station building which has now only a 1 1/2 inch line for about 300 feet. This is not adequate to the needs of the building. Following will be the cost:

1 6 x 3 tee	\$ 2.25
1 3 inch gate valve	7.00
50 feet 3 inch pipe @ 24 1/2 cents	12.25
Making connections, etc. with pipe line now in place	10.00
Total	\$ 31.50

ORR DITCH DIRECTORS

There was a meeting of the Orr Ditch Directors held at the dam on Saturday, November 4th. Present were Mr. J. D. O'Sullivan, President; Mr. Galt, Superintendent; Mr. Charles Gulling, Mr. Curtis and one other man whose name I do not now recall. They gave the University their consent to putting in a weir spillway and concrete flume and the 6 inch overflow pipe. They said the waters in the pond would destroy the banks of the ditch. I replied that the University did not think so, but that nothing would settle that opinion but the experience of a year or two. The Directors finally agreed that the University should go right ahead as they had planned and see how it resulted. The Directors seemed to be unanimous in their agreement that, after the north face of the dam had settled in a year or two hence, a flume built across next to the walk on the north face of the dam to carry the water across the valley would be the best way to solve the problem, and so cut out the ditch that at present almost surrounds the pond. They adjourned to meet at the same place about the first of September, 1912.

LETTER FROM MR. MACKAY

I beg leave to read to the Regents a letter received from Mr. Mackay under date of October 27, 1911. This letter shows his

purpose and his efforts to accomplish the putting up of the Library and Administration building and the Social Hall.

253 Broadway, New York
October 27th, 1911

My Dear Mr. Stubbs:

I have been so exceedingly busy since my return from Europe that I have been unable to write you before this.

The water-color picture of the University has arrived, and I am immensely pleased at the result obtained by Mr. Bliss.

The scheme is admirably presented and I wish you would tell him so from me when you see him.

I am leaving shortly for a trip south in connection with the final ceremonies attending the completion and dedication of the Lincoln Memorial Hall at Hodgenville, Kentucky, by President Taft on November 9th, and do not expect to be settled down here for the winter before the middle or latter part of November. As soon as I deem the time opportune, I shall start on a systematic and vigorous campaign to endeavor to interest certain parties in the University on the lines previously discussed.

I am

Faithfully yours,

/s/ Clarence H. Mackay

I am inclined to think that the Regents may find it advisable to give the President a leave of absence for 3 or 4 months to go to New York and stay there in the interests of these buildings and the farm for the College of Agriculture. But the President is the target for so much ill-natured criticism that he is going to leave this whole matter in the hands of the Board of Regents. The ideals which he has striven for through evil and good report for the good of the University still remain with him, and he will strive with all the strength that is within him to realize these ideals in spite of the fault-finding which is based upon purely personal considerations, but the Regents must take full responsibility with him for the policy which he has hitherto firmly adhered to. The President confesses that once in a while this narrow spirit of provincialism gets on his nerves.

THE FARM

The President has not for a moment ceased his efforts to secure a farm for the University. In one of his trips to the City he spent considerable time in the Land Office of the Southern Pacific Company trying to find out what land the Southern Pacific Company had for sale. The best land which they have for our purpose is situated near Fernley, where we could obtain 240 acres, but the cost of this land would be as follows:

\$10 an acre for the land, or \$2400 for the farm
\$33 an acre for water, or \$7920
\$20 an acre to prepare the land for water, or \$4800
Total cost per acre \$63, or \$15,120 for the farm

Further thought shows that the University could probably get land and buildings suitable for our purpose quite near the University at a cost of either \$100 an acre, or \$150 an acre, and not to exceed in any case \$200 an acre. I am casting about for land that can be bought at a reasonable price and that is suitable for a University farm.

NEVADA BUREAU OF INDUSTRY, AGRICULTURE AND IRRIGATION

I have had correspondence with Mr. C. A. Norcross, Commissioner of the above Bureau in regard to the exhibits at the New York Land Show. He answers that it is impossible this year to cover more than the Chicago Land Show and the results that we get from that exhibit will largely determine how extensively it will pay the State to exhibit at these land shows in the future. If the results justify, next year we will probably exhibit at New York and Omaha as well as Chicago.

My trip throughout southern Nevada impresses me with the conviction that there is a tremendous area of lands between Moapa and the Armagosa Desert which can be reclaimed and that we had best not branch out too heavily in inviting colonists there until a little more preparation has been made to take care of them. There are a good many unsolved problems down there which require to be worked out and when that is done we can put more people in a few years in that section of the State than now reside in the entire State of Nevada.

For example, with respect to the Las Vegas valley, there is a vast acreage about Las Vegas where the question of water for irrigation is solved by artesian wells, where the climate is subtropical, and an extensive variety of profitable fruit and agricultural crops will grow in any

favorable soil and yet where there is a big soil problem to be solved. That soil problem is up to the Nevada Experiment Station and to this office to work out and on my return from Chicago I am going to take up with you a proposition to detail Professor Kennedy and Professor True with the State Engineer and myself to spend a month or 6 weeks in that section of the State to make a thorough study of the several problems that are involved. This will be a work of incalculable usefulness and in my judgment will have to be done before any extensive colonization of that part of the State can be expected. When one sees artesian water flowing in its abundance in such a propitious climate, yet the soil withholding its bounty because the right treatment has not been applied and the people are at sea, not knowing how to proceed, it must appeal to anyone that a great work is overlooked and that work, in my judgment, is up to the Nevada Experiment Station and to this Department of the State Government.

The problem which Mr. Norcross refers to here is that of determining the soil conditions, for in many places the soil does not yield readily to culture or to irrigation because of a sub-surface that is as hard as the underlying hard pan which lay underneath our quadrangle and had to be removed and good soil put in its place before we could grow grass upon the quadrangle. I think the suggestion of Mr. Norcross is a good one and we will readily detail Professors Kennedy and True to go down to that part of the State and endeavor to solve the problem. This calls attention to one of the great needs of this Station and that is a good soil expert, whom I am going to recommend that we employ at the beginning of the year, July, 1912.

EMERGENCY FUND

I am about to send the following letter to the Heads of the Departments of the University, provided this letter receives the sanction of the Board of Regents:

Letter.

November 9, 1911.

To the
Heads of Departments:

I wish to advise you that, according to the action of the Board of Regents, an emergency fund is created of 10%, or less, of whatever funds have been allotted to your Depart-

ment for the years 1911-12, except for salaries and the fund for books.

I am

Very respectfully yours,

J. E. Stubbs
President

PASSES

I have made a request for the following passes, good in the State of Nevada for the year 1912 in behalf of the Professors and the members of the Experiment Station staff. The Southern Pacific Company has granted these passes for several years and it makes quite a saving in our expense account. I append the list of names herewith:

1. Professor George J. Young of the Mackay School of Mines
2. Professor Gordon H. True, Agriculture & Animal Husbandry
3. Charles S. Knight, Assistant Professor of Agronomy
4. Frank L. Peterson, Instructor in Irrigation
5. Professor J. E. Church, Jr., Meteorology & Climatology
6. S. P. Fergusson, Assistant
7. Professor Sanford C. Dinsmore, in charge of Pure Food & Drug Control
8. Miles B. Kennedy, Assistant in Food & Drug Control
9. Samuel B. Doten, Entomologist
10. Dr. W. B. Mack, Bacteriologist & Veterinarian
11. Dr. H. W. Hill, School Examiner
12. Dr. L. W. Hartman, School Examiner
13. Dr. W. S. Tangier Smith, School Examiner
14. Dr. Maxwell Adams, School Examiner
15. Dr. P. B. Kennedy, Botany, Horticulture & Forestry
16. A. A. Heller, Assistant in Botany, Horticulture & Forestry
17. Ellsworth R. Bennett, Assistant Weights & Measures
18. Professor Peter Frandsen, Zoologist

ELECTRICAL BUILDING

Two carloads of stone from Bedford, Indiana, have been received. There are two carloads yet to come. One of these cars was shipped via the Chicago and Northwestern, the Union Pacific and Southern Pacific on November 2, and the fourth and last carload will be shipped by the same line about the 12th or 14th of November. Carload No. 1 left Chicago Monday, September 25, and ar-

rived here Saturday, October 28th. That was shipped, in defiance of our orders, by the Santa Fe, Denver and Rio Grande. Carload No. 2 left Chicago by way of the Northwestern, Union and Southern Pacific, October 6th and was received here October 18th. So far as I could see the two large carloads of stone received were in splendid order. I am inclined to the opinion, however, that not sufficient care was exercised in unloading the stone after it was received here, for it is chipped and marred in a number of places. I have expressed myself very freely about this to the brick and stone mason contractor and to Mr. Hooper, our Superintendent.

Further, I notified Mr. Hooper several days ago to see to it that the stone in the entrance was fully protected by a wood covering. Up to this writing (9 A.M. of the 8th), the wooden doorway has not been made. I call the attention of the architect and the Regents to this carelessness.

REQUIRED HOURS OF TEACHING BY PROFESSORS AND INSTRUCTORS

I raised the question to myself as to what was the minimum number of hours for teaching that should be required of the Professors and Instructors, understanding that 2 1/2 hours of Laboratory work is the equivalent of one hour recitation work. I herewith give the number of hours of teaching of the Professors and Instructors in the University and the teachers in the High School. There are really 3 functions that these teachers ought to fulfill. First, the teaching function, which affects directly the students of the University; second, the State function, that is, what our Professors can do for the public service in the interests of the State; and third, original investigation, so that the result of their investigation may be seen in the freshness of view with respect to their own Department, and the product of their work of this investigation which may be published from time to time. I think that every Professor in the University ought to fulfill in some degree all three of these functions, especially the first and the third.

Should the minimum number of hours of teaching be placed at 12, or less? Should the maximum number of hours be placed at 15, 16 or 18 hours?

The following table gives the number of hours taught by Professors in the University:

Name of Instructor	Hours per week
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Maxwell Adams	
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18

Romanzo Adams	9
Walter Anderson	6
H. P. Boardman	19
C. L. Brown	4
Miss Bardenwerper	16 1/2
J. E. Church	(3 more occasionally) 11
Miss Day	16
Miss de Laguna	14
S. C. Dinsmore	2
Peter Frandsen	14
L. W. Hartman	14
C. Haseman	19
A. A. Heller	3
H. W. Hill	11
Miss Howe	4
J. C. Jones	2
P. B. Kennedy	3
M. B. Kennedy	2
Charles S. Knight	13
Miss Lewers	15 1/2
R. Lewers	3
Miss Meighan	11
George Ordahl	10
G. S. Paine	11
W. S. Palmer	6
G. D. Powers	12
A. W. Preston	6
W. S. T. Smith	14
Carl Tibbals	5
G. H. True	5
E. R. von Janinski	9
J. C. Watson	13
Miss Wier	12
G. J. Young	14

The following table gives the number of hours taught by the instructors in the High School:

Name of Instructor	Hours per week
A. A. Heller	3
W. A. Lacey	16
R. Lewers	24 1/2
Miss Mack	15
Miss Parker	12
George D. Powers	1 1/2
A. W. Preston	3
Miss Riegelhuth	17

S. E. Ross	19
R. C. Thompson	13
Miss Bardenwerper	7

RECOMMENDATIONS

I beg leave to renew the recommendation which was laid over from the meeting of October 2nd that P. B. Kennedy or Gordon H. True be appointed Associate Director in charge of the work under the Hatch and Adams Funds, to begin the first of January, 1912.

I recommend that Gordon H. True or P. B. Kennedy be appointed Associate Director of Agricultural Extension, which is to include farmers' institutes, railroad demonstration trains, country life, and dry farming, the appointment to become effective January 1, 1912.

These two appointments are in line with the progress in Station and Agricultural College work. The Department of University Extension was established at a meeting of Agricultural Colleges and Experiment Stations in Portland, Oregon, in 1909, and received the approval of the Department of Agriculture, and the Office of Experiment Stations, and has been adopted by nearly all of the Stations in the country. The two men that I have named would fill either position with ability, and whichever the Regents choose for the one, then they should choose the remaining one for the other position. It is understood by this recommendation that P. B. Kennedy retains the work in the Department of Botany, Horticulture and Forestry in the Station and in the College. It is likewise understood that Gordon H. True retains the work in the Department of Agriculture and Animal Husbandry, including irrigation and dairy work, in the Station and in the College.

I recommend the appointment of Sanford C. Dinsmore to be Deputy Sealer of Weights and Measures, effective January 1, 1912.

I recommend the appointment of Ellsworth R. Bennett as Deputy Sealer of Weights and Measures at a salary of \$125 per month, effective January 1, 1912.

PART II

THE FINANCIAL REPORT

OF THE PRESIDENT OF THE UNIVERSITY TO THE BOARD OF REGENTS

The following is a statement of the bills, passed by the Board of Regents, which have not been acted upon by the State Board of Examiners, in Carson City, up to November 2, 1911. On this

date I sent Mr. C. H. Gorman, our Assistant Secretary, to Carson City to ascertain precisely what was the condition of our claims and the following is his report:

Claimant	Date Passed	Amount
Agricultural Experiment Station	8/12/11	\$ 5,000.00
C. H. Gorman, Assistant Secretary	8/12/11	23.65
W. S. Palmer	8/30/11	202.75
F. J. De Lonchant	8/30/11	188.22
A. G. Spalding and Bros.	10/02/11	16.70
Needy Students	8/30/11	800.00
Samuel Crossley	8/12/11	259.25
Clock and Shea	8/30/11	659.25
Clock and Shea	8/12/11	1,415.25
Cottrell and Leonard	8/12/11	70.00
Reno Wallpaper and Paint Company	7/17/11	341.00
Reno Wallpaper and Paint Company	7/31/11	211.75
Reno Wallpaper and Paint Company	8/12/11	967.21
Reno Wallpaper and Paint Company	8/30/11	498.18
Reno Wallpaper and Paint Company	10/02/11	162.99
Treasurer Hatch Fund	8/30/11	225.00
Pacific Telephone and Telegraph Co.	10/02/11	58.00
Pacific Telephone and Telegraph Co.	7/17/11	62.45
Trent Engineering Company	7/17/11	290.00
L. W. Hartman	6/02/11	61.35
Maxwell Adams	6/02/11	41.35
Lewers and Henderson	6/02/11	10.00
Nevada State Agricultural Society	5/03/11	450.00
J. E. Stubbs	5/03/11	150.00
George H. Taylor	7/17/11	507.32
J. E. Stubbs, a/c Hatch Fund	7/17/11	394.50
George H. Taylor, F & D	7/17/11	300.00
J. E. Stubbs, a/c Hatch Fund	7/17/11	156.93
George H. Taylor, F & D	7/17/11	122.51
George H. Taylor, F & D	6/02/11	175.00
University of Chicago Press	7/17/11	2.05
University Dining Hall	7/17/11	461.00
Laboratory and Guarantee Fund	7/17/11	587.27
Braun-Knecht-Heimann	7/17/11	62.33
	Total	\$14,933.26

(Stat. 1907 Page 434, Sect. 3)

(Stat. 1897 Page 164)

I call the attention of the Regents to the fact that some of these claims were returned by the Board of Examiners with the request for information, and this request was acceded to by the

President of the University on the day the claims were received and they were returned promptly on the following day. Neither the Secretary of the Board of Regents, nor the President, had received any definite information as to what the State Board of Examiners had done or had not done with regard to these claims until I sent Mr. Gorman over to Carson on November 2nd.

I wrote the State Board of Examiners on November 4th asking them if I might appear before the Board either Friday, November 10, or Saturday, November 11. I have received no answer to that request. I wrote the Governor on Monday, November 6, asking if the Board of Examiners could not meet with the Board of Regents at their session the 9th of November. Up to this time I have received no answer to that letter.

Besides wishing to take up with the Board of Examiners these claims which have been passed by the Board of Regents, I wanted to give reasons why they should allow the claim of \$450, payable to the State Agricultural Society, and, while this is pending, I recommend that we pay \$125 from the Revolving Fund to pay the insurance on the Fair Grounds, a debt which the Agricultural Society incurred, expecting to pay it out of this rental of \$450.

On verbal report of Mr. Gorman it is clear that the members of the State Board of Examiners have not got the right idea with regard to their powers in holding up claims. The State Legislature made our appropriations on the basis of my report to the Board of Regents and the report of the Board of Regents to the Governor, and, I take it if the Board of Examiners find that the claims which the President certifies to and the Regents approve are in the regular way and in accordance with the legislative appropriation, they are bound to approve these bills.

In Article Six, Section 21, of the Constitution of the State of Nevada, it is provided that "The Governor, Secretary of State, and Attorney-General shall also constitute a Board of Examiners, with the power to examine all claims against the State, except salaries or compensations of officers fixed by Law, and perform such other duties as may be prescribed by Law, and no claim against the State (except salaries or compensations of officers fixed by Law) shall be passed upon by the Legislature without having been considered and acted upon by the State Board of Examiners."

If it shall appear necessary, I suggest that Regent C. B. Henderson be employed as Attorney of the Board of Regents and that, at his convenience, he shall go to Carson City and ascertain which of these claims the Board is going to allow, and also make clear

to the members of the Board of Examiners what their status is so that the Board of Regents may know what course to pursue further.

It is evident to the Board that without an understanding of the powers of the Board of Examiners and the powers of the Board of Regents, we shall be at sea so far as allowing claims is concerned. For example, we are not sure that the claim for \$500 which we have allowed Davis and Reuck will be allowed by the Board of Examiners.

I append herewith a list of the total claims allowed October 2, 1911, according to the report of the Secretary of the Board of Regents:

STATE FUNDS

General Support	\$ 8,782.63
Hygienic Laboratory	293.25
Pure Food and Drug	663.55
Regents Fund	125.00
Weights and Measures	1.50
Improvement of Grounds	1,056.57
Electrical Building	164.10
Experiment Station	212.40

OTHER FUNDS

Mackay School of Mines Insurance Fund	\$ 400.00
A & M College Morrill Fund	6,964.51
Experiment Station Hatch Fund	1,608.18
Experiment Station Adams Fund	775.84
Experiment Station Live Stock	720.65

Grand Total \$21,768.18

I append herewith a statement of the balances on hand in the several funds on October 5, 1911, according to the report of the Secretary of the Board of Regents:

General Appropriation	\$86,720.58
Hygienic Laboratory	6,670.79
Pure Food and Drug	6,142.97
Regents Fund	3,750.00
Weights and Measures	3,593.90
Improvements to Grounds	7,458.48
Electrical Building & Equipment	37,962.84
Experiment Station	3,303.57
Mackay School of Mines, Insurance Fund	4,248.17

A & M College Morrill Fund	35,711.14
Experiment Station Adams	2,393.58
Experiment Station Live Stock	412.03
Experiment Station Farm Sales	90.55
Horticulture	21.25
Miscellaneous	73.66

Funds Overdrawn October 5, 1911

Experiment Station Hatch Fund	1,774.95
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DETAILED REPORT OF THE CONDITION OF FUNDS TO SEPTEMBER 30, 1911,
MADE BY THE REGISTRAR OF THE UNIVERSITY

This report includes all the bills allowed by the Board of Regents at their meeting October 2. This report of the Registrar is based on the report of the funds by Departments made to the Board of Regents and adopted by the Board of Regents and forwarded by them to the Governor on the 31st of December, 1910.

DEPARTMENT OF ADMINISTRATION	APPROPRIATION	USED
Regular Salary	\$	\$ 7,441.05
Expenses of Board of Regents	2,000.00	587.40
Regents' Fund	5,000.00	2,900.35
Visiting Schools	1,000.00	506.30
President's Traveling Expenses	1,000.00	595.65
Insurance	4,000.00	2,639.00
Advertising and Printing	5,000.00	4,544.01
Needy Students	3,000.00	800.00
Administration, including salaries	20,820.00	
Telegraph and Postage		244.40
Telephone		639.32
Office Equipment		668.83
General Expense		697.67
Total	\$41,820.00	\$22,263.98

BUILDINGS AND GROUNDS

Water, Gas and Light	\$ 4,000.00	\$
Water		232.60
Light		678.06
Gas		485.30
Oil and Fuel	8,500.00	2,609.50
Heating Plant Labor		300.60
Incidental Supplies and Labor	13,970.00	
Buildings, Labor and General Expense		4,463.42

Grounds, General Expense		3,755.49
Express and Freight		153.15
Stable		407.49
F & F Equipment		351.75
Repairs, Itemized Below	9,818.00	8,453.86
Student Janitors		482.10
Miscellaneous Expense		535.37
	Total	\$36,288.00
		\$22,908.69

BUILDINGS

Chemistry		
Repairs	\$ 520.00	\$ 165.82
Dining Hall	125.00	
Repairs		84.85
Supplies		17.00
Gymnasium	1,055.00	
Repairs		930.82
Student Janitors		66.00
Hatch Station	135.00	
Repairs		139.35
Hospital	205.00	
Repairs		151.27
Lincoln Hall	5,320.00	
Repairs		3,886.51
Equipment and Furniture		384.75
Gas for Heating		16.15
Mackay Building	145.00	
Repairs		140.00
Equipment and Supplies		21.65
Manzanita Hall	245.00	
Repairs		308.35
Janitor		31.80
Equipment and Supplies		110.52
Gas for Heating		30.75
Mechanical Engineering	285.00	
Repairs		165.50
Morrill Hall	523.00	

Repairs		261.55
Furniture and Fixtures		147.00
Painting		29.45
Physics Building	250.00	
Repairs		374.38
Painting		40.80
Training Quarters	.00	
Student Janitors		192.00
Supplies		1.15
Stewart Hall	1,010.00	
Repairs		438.00
Janitor		62.50
Greenhouse	3,000.00	
Repairs		2.20
Fuel		30.00
Agriculture & Animal Husbandry		
Salaries	6,000.00	2,850.00
Supplies and Equipment	1,200.00	178.40
Student Assistants		16.40
	7,200.00	3,045.20
Agriculture Chemistry		
Salaries	1,200.00	400.00
Equipment and Supplies	562.00	262.21
	1,762.00	662.21
Biology		
Salaries	6,000.00	2,250.00
Equipment and Supplies	1,950.00	796.08
	7,950.00	3,046.08
Botany, Horticulture & Forestry		
Salaries	2,400.00	856.66
Equipment and Supplies	1,000.00	52.40
	3,400.00	909.06
Chemistry		
Salaries (Regular)	6,000.00	2,550.00
Storekeeper	500.00	
Supplies, etc.	1,590.00	1,793.24
Gas, etc.		94.40
	8,090.00	4,437.64

Civil Engineering		
Salaries (Regular)	4,800.00	2,000.00
Student Assistants	600.00	23.05
Equipment and Supplies	800.00	350.16
	6,200.00	2,373.21
Domestic Science		
Salaries	4,800.00	1,350.00
Student Assistants		89.70
Supplies	500.00	60.83
	5,300.00	1,500.53
Drawing		
Salary	3,000.00	1,125.00
Equipment and Supplies	300.00	
	3,300.00	1,125.00
Education	20,000.00	
Salaries		3,850.00
Equipment		540.77
Freight and Express		20.90
Stationery		26.25
	20,000.00	4,437.92
Electrical Building and Equipment	40,000.00	
Salaries		479.50
Student Assistants		4.00
Laboratory Supplies		974.37
Equipment		630.06
Traveling Expenses		31.10
Advertising Bids		90.80
Freight and Express		412.80
	40,000.00	2,621.91
Emeritus English	1,200.00	400.00
Department of English		
Salary	7,600.00	2,748.00
Student Assistants		50.00
Equipment and Supplies	175.00	
	7,775.00	2,798.00
Sup. Experiment Station Mt. Rose	2,000.00	
Equipment F & F		42.00
	2,000.00	42.00
Department of Greek		
Salary	4,800.00	1,500.00

Equipment and Supplies	200.00	
	5,000.00	1,500.00
Support of Experiment Station	3,000.00	
Supplies		97.75
Water		37.90
Stationery		6.50
Equipping Station Library		462.50
Rent of Grounds		450.00
Livery		8.50
Freight and Express		80.88
Printing		7.60
Furniture and Fixtures		381.10
Phone		6.00
Hog Cholera, a/c W. B. Mack		172.30
	3,000.00	1,711.03
Department of History		
Salary	6,000.00	2,000.02
Equipment and Supplies	400.00	273.90
	6,400.00	2,273.92
Improvement of Grounds	10,000.00	
Salaries		462.50
Dam Contract		1,723.45
Grading		337.57
Advertising Bids		18.00
	10,000.00	2,541.52
Department of Latin		
Salaries	4,800.00	1,350.00
Equipment and Supplies	200.00	68.50
	5,000.00	1,418.50
Mathematics		
Salaries	4,800.00	1,699.98
Salary of Assistant	600.00	150.00
Equipment	100.00	100.50
	5,500.00	1,950.48
Mechanical Engineering		
Salaries	10,200.00	3,709.02
Equipment and Supplies	2,500.00	
Student Assistants		134.85
Traveling Expenses		34.30
Power		95.25
Equipment, etc.		4,978.89
	12,700.00	8,952.40

Military Science

Salary	1,400.00	
Equipment	500.00	
Salary Commissioned Officers		167.35
Band Instructor Salary		260.00
Supplies		43.81
	1,900.00	471.16

Geology and Mineralogy

Salaries	8,400.00	2,100.00
Supplies	900.00	248.87
	9,300.00	2,348.87

Library

Salaries	7,600.00	2,700.00
Salaries Student Assistants	720.00	73.40
Equipment and Supplies	1,000.00	155.10
Fock Bill	1,000.00	1,000.00
Scientific	200.00	
Postage		12.50
Freight and Express		45.19
	10,520.00	3,986.19

Books

Drawing	80.00	5.83
Economics	400.00	116.96
Education	260.00	
Elocution	40.00	
Entomology	140.00	17.93
General Literature	80.00	9.57
General Periodicals	3,050.00	796.96
Greek	260.00	216.60
History	400.00	137.57
Latin	260.00	224.33
Law	80.00	
Meterology	40.00	
Military Science	60.00	
Modern Language	240.00	68.50
Music	120.00	50.37
Psychology	240.00	95.79
Physical Culture	60.00	12.58
Political Science	120.00	21.73
Research Chemistry	150.00	51.90
Sociology	200.00	
Agronomy	80.00	5.53
Animal Husbandry	400.00	189.56
Bacteriology	80.00	15.86

Biology	160.00	72.16
Botany	160.00	61.14
Chemistry	160.00	21.54
Civil Engineering	160.00	43.69
Domestic Economy	80.00	41.91
English	400.00	239.74
Geology	160.00	116.80
Mathematics	160.00	31.13
Mechanical Engineering	160.00	47.64
Mines	200.00	96.55
Physics	160.00	147.92
	8,800.00	2,957.79
Mackay Mining and G Museum		
Museum Collections and Expenses	500.00	
Expenses for Field Geologist	1,400.00	
Salaries		223.30
Supplies		49.00
Traveling Expenses		245.15
Student Assistants Museum		17.60
	1,900.00	535.05
State Mining Laboratory		
Salary	1,800.00	625.00
Laboratory Supplies	1,200.00	2.50
Student Assistants		45.25
	3,000.00	672.75
Mining and Metallurgy		
Salary	6,300.00	3,475.00
Equipment	1,000.00	
Power		207.45
Supplies		602.17
	7,300.00	4,284.62
Summer School Mine Survey & Geology		
Fund for Loans to Needy Students		
& Purchase of Camp Outfit	1,500.00	
Manual for Instruction	100.00	
Traveling Expenses		141.70
Equipment		155.51
Loans to Students		185.65
Salaries of Instructors		350.00
Incidentals		57.65
	1,600.00	890.51
Modern Languages		
Salaries	4,800.00	1,733.35

Equipment and Supplies	400.00	54.00
	5,200.00	1,787.35
Music		
Salaries	2,400.00	80.00
Equipment and Supplies	300.00	
	2,700.00	80.00
Physical Culture for Women		
Salary	3,000.00	1,125.00
Equipment	1,000.00	17.70
Student Assistants		70.38
	4,000.00	1,213.08
Physical Training for Men		
Salary of Director	3,000.00	675.00
Equipment	1,000.00	
	4,000.00	675.00
Physics		
Salaries	6,000.00	1,800.00
Equipment and supplies	3,125.00	2,092.30
Student Assistants		270.50
	9,125.00	4,162.05
Political Economy and Law		
Salary	4,800.00	1,800.00
Equipment	200.00	150.00
	5,000.00	1,950.00
Public Speaking		
Salary	1,800.00	100.00
Equipment and Supplies	200.00	
	2,000.00	100.00
Purchase of Stock	5,000.00	5,000.00
Pure Food and Drug	12,000.00	
Regular Salaries		2,633.37
Extra Laboratory work		510.10
Gas, Ice, etc.		8.90
Laboratory Supplies		381.26
Laboratory Equipment		370.91
Traveling Expenses		1,035.85
Samples		178.90
Stationery		50.06
Printing		628.93
Freight and Express		58.75

	12,000.00	5,867.03
Regents' Special Fund	4,000.00	
Salaries		250.00
Traveling Expenses		23.85
	4,000.00	273.83
Removing Cabinet	200.00	
Labor, etc.		7.50
	200.00	7.50
State Hygienic Laboratory	10,000.00	
Salaries		2,250.00
Student Assistants		355.40
Equipment		201.53
Supplies		232.31
Gas, Ice, etc.		55.53
Freight and Express		70.84
Traveling Expenses		66.25
Rabbits, etc.		18.35
Extra Laboratory Work		75.00
Stationery		4.00
	10,000.00	3,329.21
University High School	18,000.00	
Salaries		6,236.69
Student Assistants		307.50
Laboratory Supplies		460.95
Gas		2.72
Stationery		51.86
Equipment		109.70
Freight and Express		20.40
Library		17.73
	18,000.00	7,207.55
Weights and Measures	4,000.00	
Stationery		25.50
Legal Advice		10.00
Printing		80.75
Supplies		35.50
Equipment		138.00
Traveling Expenses		29.00
Publishing Notices		63.50
	4,000.00	382.25

Statement of Disbursements from the various funds beginning January 1, 1911 and ending September 30, 1911, and showing balances in various funds on September 30, 1911:

A & M COLLEGE MORRILL FUND

Balance on Hand, Jan. 1, 1911	\$17,778.73	\$
Received from U. S. Government, June	50,000.00	
Schedule A - Agriculture: Salaries		2,016.66
Facilities		.45
Schedule B - Mechanical Arts: Salaries		3,456.37
Facilities		4,016.04
Schedule C - English: Salaries		2,972.00
Schedule D - Mathematical Sciences: Salaries		4,133.30
Facilities		313.71
Schedule E - Natural or Physical science: Salaries		7,541.35
Facilities		4,121.44
Schedule F - Economic Science: Salary		2,639.70
Facilities		364.25
Balance in A & M Fund, Sept. 30, 1911		36,203.46
	67,778.73	67,778.73

ELECTRICAL BUILDING AND EQUIPMENT

Jan. 1 State Appropriation	40,000.00	
Salaries		483.50
Disbursements		2,138.41
Balance on Hand, Sept. 30		37,378.09
	40,000.00	40,000.00

SUPPORT OF EXPERIMENT STATION

State Appropriation	5,000.00	
Experiment Station Disbursements		1,711.03
Mt. Rose Disbursements		42.00
Balance on Hand, Sept.30		3,246.97
	5,000.00	5,000.00

IMPROVEMENT OF GROUNDS

Appropriation from State	10,000.00	
Salaries		462.50
Disbursements		2,079.02
Balance on Hand Sept. 30		7,458.48
	10,000.00	10,000.00

MACKAY INSTRUCTION FUND

Balance on Hand Jan. 1, 1911	1,973.17	
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Salaries		3,725.00
By June Installment	6,000.00	
Balance on Hand Sept.30		4,248.17
	7,973.17	7,973.17
PURCHASE OF STOCK		
State Appropriation	5,000.00	
Disbursements		5,000.00
	5,000.00	5,000.00
PURE FOOD AND DRUG		
Balance on Hand, Jan. 1, 1911	12.65	
State Appropriation	12,000.00	
Salaries		2,983.37
Disbursements		2,873.66
Balance on Hand Sept. 30		6,155.62
	12,012.65	12,012.65
REGENTS' SPECIAL FUND		
State Appropriation	4,000.00	
Salaries		250.00
Incidentals		23.85
Balance on Hand Sept. 30		3,726.15
	4,000.00	4,000.00
MOVING CABINET		
State Appropriation	200.00	
Incidentals		7.50
Balance Sept. 30		192.50
	200.00	200.00
STATE HYGIENIC LABORATORY		
State Appropriation	10,000.00	
Salaries		2,605.40
Incidentals		723.81
Balance on Hand Sept. 30		6,670.79
	10,000.00	10,000.00
GENERAL SUPPORT OF UNIVERSITY		
State Appropriation	172,130.00	
Instruction Salaries		25,022.69
Administration Salaries		10,514.45
Labor, etc.		4,378.10
Library		4,047.37
Student Salaries		2,866.58
General Support		37,228.28
Balance on Hand Sept. 30		88,072.53
	172,130.00	172,130.00

WEIGHTS AND MEASURES

State Appropriation	4,000.00	
Disbursements		382.25
Balance on Hand Sept. 30		3,617.75
	4,000.00	4,000.00

FUNDS RECEIVABLE

Mackay Instruction Fund, Installment due June 1, 1912 to Dec. 31, 1912	3,000.00	
Due from A & M Morrill Fund Installment July 1, 1912 to December 31, 1912	25,000.00	
	28,000.00	

RECAPITULATION OF FUNDS TO DECEMBER 31, 1912:

BALANCES ON HAND SEPTEMBER 30, 1911

A & M College, Morrill Fund	36,203.46	
Electrical Building & Equipment	37,378.09	
Support of Experiment Station	3,246.97	
Improvement of Grounds	7,458.48	
Mackay Instruction Funds	4,248.17	
Pure Food and Drug	6,155.62	
Regents' Fund	3,726.15	
Moving Cabinet	192.50	
State Hygienic Laboratory	6,670.79	
General Support	88,072.53	
weights and Measures	3,617.75	
Total Funds on Hand		\$196,970.51
Funds Receivable		28,000.00
For Support of University to December 31, 1912		\$224,970.51

Regents requested the President to have the luncheon hour from 12 to 1 o'clock, to take effect Monday, November 13, 1911. Motion to this effect was made by Regent Williams, and seconded by Regents Reid and O'Brien. All voted in favor of the motion excepting Regent Henderson.

Upon motion of Regent Henderson, seconded by Dr. Reid, Miss Mabel A. Jones was elected Instructor in Vocal Music, beginning October 1, 1911, at a salary of \$350 for the present school year.

Upon the motion of Dr. Reid, seconded by Regent Henderson, the

recommendation of the President that Professor Lewers be appointed a delegate to the annual conventions of the Association of American Agricultural Colleges and Experiment Stations and the Association of Farmers' Institute Workers at Columbus, Ohio, on November 13-16, 1911, inclusive, was approved.

Upon motion of Dr. Reid, seconded by Regent Williams, the recommendation of the President, that we use 4 inches of soil from the river bank instead of 6, and that we let the contract to the Reno Construction Company, was approved and carried.

The recommendation of President Stubbs that Mr. Bliss, together with Dr. P. B. Kennedy, lay out the grounds around Manzanita Hall without cost to the University, was put into motion by Dr. Reid, seconded by Regent Williams, and carried by the Board.

Upon motion of Dr. Reid, seconded by Regent Henderson, the contract of J. J. Smith for \$290 for building a retaining wall in the Orr Ditch at the rear of the Electrical building was carried.

Upon motion of Regent Henderson, seconded by Regent Williams, the recommendation of President Stubbs that the contract for building the weir spillway and concrete flume be awarded to the Reno Construction Company was carried. The contract calls for \$400 for this work.

Regent Williams made a motion, seconded by Regent Henderson, that the recommendation of President Stubbs that the University put in water pipes in that section of the Campus south of the dam and north of Center Street at a cost not to exceed \$400, using our own men, and laying the pipe 2 1/2 feet deep, be approved. Carried.

Upon motion of Dr. Reid, seconded by Regent O'Brien, the President was authorized to lay a 6- or 8-inch water main from Lincoln Hall to the corner of Hatch Station, same to be used for fire purposes only, and the cost to conform to estimates submitted by the President in his report.

Upon motion of Regent Williams, seconded by Regent Henderson, the letter of Clarence H. Mackay to President Stubbs, dated October 27, was ordered spread upon the minutes in full, and it appears in the President's report. Carried.

Upon motion of Regent Williams, seconded by Regent O'Brien, President Stubbs was authorized to detail Professors Kennedy and True to accompany Commissioner Norcross and State Engineer

Kearney to Moapa Valley, Clark County, at any time selected by Mr. Norcross, as suggested in the report of the President. Approved.

Upon motion of Dr. Reid, seconded by Regent Williams, the Chairman of the Board of Regents was authorized to confer with Mr. Hooper and to tell him that unless Mr. Hooper changed his work at the Electrical building to suit the Chairman that he would be discharged at once.

Upon motion of Regent Williams, seconded by Regent O'Brien, the Regents decided that it would be their policy to require 12 hours per week as the minimum for Professors who teach, excepting when in judgment of the President, he considers a less number of hours sufficient.

Upon motion of Regent Williams, seconded by Dr. Reid, S. C. Dinsmore was appointed Deputy Sealer of Weights and Measures to take effect January 1, 1912.

Upon motion of Dr. Reid, seconded by Regent O'Brien, Ellsworth R. Bennett was appointed Deputy Sealer of weights and Measures at a salary of \$125 per month, to begin January 1, 1912.

The Board of Regents agreed to use their influence with the Board of Examiners to pass on the University bills already allowed by the Regents.

Upon motion of Regent Reid, seconded by Regent Williams, a loan of \$125 from the Livestock Fund was authorized by the Regents to pay the insurance on the Agricultural Fair Grounds; this amount to be credited on the rental of \$450.

No further business appearing, the Board adjourned to meet at the call of the Chairman.

A. A. Codd
Chairman

Geo. H. Taylor
Secretary