

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**February 11, 1938**



The February meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 12:30 p.m. on Friday, February 11, 1938.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the afternoon, Director C. S. Havens, Judge Sveinbjorn Johnson, and Professor Lloyd Morey.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of January 20, 1938.

On motion of Mr. Moschel, the minutes were approved as printed on pages 591 to 618 above.

**MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS,  
JANUARY 24, 1938**

Mr. Adams presented the following report.

On call of the Chairman, a meeting of the Committee on Buildings and Grounds was held at the University beginning at 2:00 p.m. January 24, 1938, to consider an emergency situation in University Hall. On Friday, January 21, shortly before one o'clock the ceiling in Room 315 (a class-lecture room) of that building collapsed and hundreds of pounds of plaster, metal lath, and timber fell to the floor, wrecking a number of chairs in that room. Fortunately no class was scheduled there at that particular hour so that no one was injured.

The Committee received reports from Director Havens of the Physical Plant Department and Professor W. M. Wilson of the College of Engineering (who had inspected the building at the request of Director Havens), and then inspected the building with Messrs. Havens and Wilson. Later the Committee conferred with President Willard.

The Committee found that the collapse of the ceiling in Room 315 was a failure which could not have been foreseen, despite regular inspections of University Hall by the Physical Plant Department to detect hazards and defects of all kinds. The causes of this failure appear to be due to first, the type of construction, and second, the drying of the timbers which loosened the nails holding the furring strips to the joists. The entire ceiling (furring strips, metal lath, and plaster) detached itself from the joists and fell in large sections. It was not a case of merely loose plaster falling. The ceilings are of the same type of construction throughout the building and the same failures are likely to occur elsewhere, especially if the ceilings are subjected to the vibrations caused by hundreds of people occupying the rooms over them.

The Committee is of the opinion that any further use of University Hall in its present condition would be hazardous. Pending action by the Board of Trustees it seemed advisable to the Committee that immediate steps be taken to close the building for classroom and laboratory purposes immediately and to vacate it otherwise as soon as practicable. Therefore, this recommendation was presented by telephone to the members of the Executive Committee of the Board, and this Committee concurred in the recommendation of the Committee on Buildings and Grounds.

The building has been closed since January 25, except to the members of the faculty who must have access to their offices in that building and to students who have necessary business therein. These are being admitted by special permits.

The Committee on Buildings and Grounds respectfully requests that its action and that of the Executive Committee be confirmed by the Board.

H. M. ADAMS, *Chairman*  
LOUIS C. MOSCHEL  
HAROLD A. FOGUE  
NELLIE V. FREEMAN

On motion of Mr. Adams, the action of the Committee on Buildings and Grounds and of the Executive Committee in closing University Hall was approved and confirmed.

**MATTERS PRESENTED BY PRESIDENT WILLARD**

The Board considered the following matters presented by the President of the University.

**UNIVERSITY HALL**

(1) Following the informal action of the Executive Committee of the Board on January 24, on recommendation of the Committee on Buildings and Grounds, that University Hall be closed, the Physical Plant Department was directed and authorized to take immediate steps to rehouse classes scheduled in that building for the second semester elsewhere on the campus, and to move the offices and other activities housed in University Hall to other quarters. In the meantime, the first semester final examinations scheduled in University Hall were rescheduled in other buildings.

The emergency confronting the University was presented to the University Council at a special meeting called for that purpose and a special committee with Provost A. J. Harno as Chairman, and representatives of the Physical Plant Department, the Bureau of Institutional Research, and the College of Liberal Arts and Sciences was appointed to work out the necessary changes. It should be noted in the record that this committee and particularly the Physical Plant Department deserve great credit for what has been accomplished on such short notice. In most cases the committee was able to shift all classes formerly assigned to University Hall to other buildings both on the campus and off. Likewise all of the general and departmental offices, with only one or two exceptions, have been moved into other quarters. This has been accomplished by using open areas in basements and attics, heretofore utilized only for general service and storage, by taking over Library and Museum space, and by changing classrooms into offices. These changes have involved an extensive construction program by the Physical Plant Department working on three shifts a day in order to have classrooms and laboratories ready for the opening of the second semester. In converting large open areas used for storage and other purposes into classrooms, laboratories, and offices it has been necessary to erect many partitions, arrange corridors, and in some cases install ceilings as well. Whenever possible this remodeling has been of the same standard of construction as the buildings in which the changes have been made so that the improvements are permanent.

While it has been possible to move whole departments, individual members of the staff, and all classes formerly housed in University Hall to other quarters, the resulting arrangements are far from satisfactory in many cases. This could only be done by making sacrifices which will necessarily affect the work of individual staff members and of their departments and will impair their educational efficiency. It is not good educational practice to conduct classes in quarters such as basements and attics which do not have adequate blackboard space or natural light for such purposes. Neither is it good practice to schedule classes so far apart that students have difficulty in getting from one to the next on time. Assigning too many members of the faculty to one office is a decided handicap to both students and faculty members alike. It limits the facilities for consultation between students seeking advice and their instructors, which is an important part of the educational program.

The shifts which have been made are:

1. The Department of Psychology, previously occupying the fourth and fifth floors of University Hall, has been moved into the fourth, or attic, floor of the New Agriculture Building where the space has been divided into classrooms, laboratories, and offices by the construction of partitions and ceilings. Classrooms on the third floor of the New Agriculture Building have been converted into departmental offices.
2. The English Department headquarters and offices of staff members have been moved into space made available in Lincoln Hall by remodeling four classrooms and taking over the janitor's room. These adjustments have also involved taking over a faculty office of the Department of Sociology which in turn has required two members of that Department to double up on office quarters.
3. The German Department faculty offices formerly in University Hall have been moved to the Library and to Lincoln Hall. One room has been taken over for this purpose in the Museum of European Culture.
4. Romance Languages. Faculty offices formerly in University Hall have been moved into offices previously assigned to this Department in Lincoln Hall and two rooms formerly used by the Museum of European Culture.
5. The History Department staff members formerly housed in one room in University Hall have been moved into rooms in Lincoln Hall previously assigned to that department but no additional space has been assigned for this purpose.
6. The School of Journalism, which is being housed in three buildings. Two former classrooms on the first floor of the Commerce Building have been converted into general offices. A part of the basement of the Commerce Building has been remodeled into rooms for the type-setting laboratory, copyreading room, and faculty offices. The reading room and reporting laboratory have been housed on the fourth floor of the Library by taking over temporarily a map room and a seminar. A part of the equipment which the School of Journalism shared with *The Daily Illini* in University Hall has been moved to a room in the Student Center formerly used for meetings.

7. *The Daily Illini*. Editorial offices formerly housed in University Hall have been moved to the basement of the Student Center Building.

8. The University Extension Division has been temporarily housed in the Board of Trustees room and an anteroom in the Administration Building.

9. The Public Information and Radio Station office formerly housed in the basement of University Hall has been moved to rooms in the University Place Christian Church on Wright Street across from the studio of Radio Station WILL.

To make provision for the offices formerly in University Hall it has been necessary to change four classrooms in Lincoln Hall, two in the Commerce Building, and two in the Woman's Building into faculty offices. In addition the University is renting three rooms in the Wesley Foundation and one in the Newman Foundation for classroom purposes in addition to office space in the University Place Christian Church.

#### *Structural Appraisal of University Hall*

In preparing reports on the condition of University Hall for the information of the Board in considering the future of this building it seemed desirable to have a structural appraisal made by an expert architectural engineer in no way connected with the University. Accordingly the Director of the Physical Plant Department was instructed to confer with the Deans of the Colleges of Engineering and of Fine and Applied Arts (Architecture) to decide what should be included in such an appraisal and who should be retained for this purpose in order to have the report available for this meeting. On recommendation of these officers Mr. W. S. Wolfe of the firm of Smith, Hinchman, and Grylls, Incorporated, Architectural Engineers in Detroit, was retained to make this structural appraisal. This is a well-known firm of engineers with an excellent professional reputation. Mr. Wolfe himself is an authority on old buildings as well as an expert architectural engineer.

His report is submitted herewith. It is a general statement, in non-technical language, briefly summarizing the results of his inspection of University Hall. He lists a minimum of 14 items involved in reconditioning the building for further occupancy at a total estimated cost of approximately \$210,000, which should be increased by at least 15 per cent for contingencies for the reasons stated in his opinion under "minimum repairs."

#### REPORT REGARDING CONDITION OF UNIVERSITY HALL UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS FOR MR. C. S. HAVENS, DIRECTOR OF PHYSICAL PLANT

In accordance with your request, the writer has examined your building known as University Hall and wishes to submit the following report:

The building has brick bearing walls, cast iron columns, wood beams and wood joists. The stairways are open and are constructed of wood. The joist spans are rather long and the strength of the joist is considerably less than is considered good practice today. The result is a very springy floor and a decided sagging in many of the joist spans. The typical timber beams have about one-half the strength that would be required by standard building codes, and some of the stair construction is even worse. A pronounced sagging in many of the beam spans is therefore found, and there is an excessive vibration in the stairs under load. In other words, the factor of safety in the floor and stair construction is less than that which is commonly considered desirable for this type of building.

It should be noted that the above comments are made with the assumption that the timber in the building has not deteriorated in strength with age. This point should be checked by load tests before seriously considering placing the building in service again. Because of the type of nails used in the lath and furring strips of the ceiling, the age of the building, the vibration in the floors, the dryness of, and the kind of wood in, the joist, etc., the support of the ceiling is insecure. There is danger of large areas falling, but where they will fall and at what time, no one can say with assurance. Now that we have had a demonstration of several tons falling, it is thought that all who are responsible for the safety of students will rest easier with the building vacated. It is true that it might be some time before another large area fell, but the

criticism if it fell on a class of students would probably be severe, and the loss of life might be serious.

The brick in the walls is rather soft and some of the joints are not properly filled. The windows are in bad condition, as well as the cornice and woodwork around the dormer windows. The towers need attention, and the simplest and most desirable solution, from an engineering standpoint, would be to remove them. Some of the finish floors are very badly worn and the heating system is far from perfect.

#### *Minimum Repairs*

In case it is desired to place the building in service again, the repairs listed below are, in the writer's opinion, a minimum which it would be desirable to consider:

1. Remove all existing plaster ceilings and provide new ceilings of plaster, celotex, or some fire resisting material.
2. Strengthen the floors, the amount of strengthening to be done depending upon the results of load tests and examination.
3. Remove the stairways at each end of the building, and replace with fire towers.
4. Remove the present center stairway and replace with a steel stairway supported on steel or masonry, and arrange so as to eliminate open wells between runs, and also so that the stairway may be cut off from the corridor with a wire glass partition.
5. Remove and rebuild all exterior cornices.
6. Remove the towers down to the level of the adjoining portion of the building.
7. Rebuild the dormers, or remove and replace with simpler construction.
8. Provide new roofing as required.
9. Provide new finish floors where the need is most pressing.
10. Repair or replace heating system.
11. Re-wire building except possibly in upper story since old wiring will be destroyed by removing ceiling.
12. Check over all windows, replacing sash and glass where necessary.
13. Check over brick walls carefully pointing and filling cracks as conditions require.
14. Miscellaneous minor repairs, painting, etc.

In our opinion these repairs will cost approximately \$210,000, but this figure should be checked in detail before an appropriation is made; and it should be kept in mind that in all alteration jobs, new problems develop as the job progresses and the old work is opened up; and such jobs usually cost more in the end than was anticipated in the beginning. It should also be pointed out that even if these repairs were made, the building would still be an old building with many defects and high maintenance costs, and that the fire hazard would still be very great. In view of this, it would seem advisable not to spend such a large amount on the old building, but rather use it as a start toward a new building.

#### *More Extensive Repairs*

It would of course be possible to make the building fireproof by removing the present timber floor and roof construction, and replacing with reinforced concrete using reinforced concrete columns where necessary. Only the foundations and walls of the existing building would be retained, but the walls are none too good, and some of the foundations are not large enough to take the increased dead load. Such a solution is not recommended because it would cost about as much as a new building.

#### *Conclusions*

1. In the writer's opinion, the building should not be occupied again until repairs have been made.
2. One of the worst features of the building is the fire and panic hazard, and unless an excessive amount of money was spent, the fire hazard would still be serious.
3. Unless it is desired to retain the old building for sentimental or other reasons, it would seem advisable to wreck it and spend available funds for new construction.

W. S. WOLFE

There is also submitted a report on the structural condition of this building made at the request of the President of the University on September 19, 1928, by three engineers on the faculty, Dean M. S. Ketchum (now deceased), Professor A. N. Talbot (retired), and Professor W. M. Wilson of the Department of Civil Engineering.

September 19, 1928

*President David Kinley, 355 Administration (West)*

DEAR PRESIDENT KINLEY:

At your request we have made an examination of the present condition of University Hall and herewith present our report.

In the inspection of the building, the exposed parts of the structure have been examined, the condition of the interior of various rooms has been inspected for evidences of defects and deterioration, and floor boards have been removed in several places to learn the state of preservation of the floor system. We desire to report that it is our opinion that the building is structurally safe and, with the exception of a few needed repairs which are under way or in contemplation, it is in excellent structural condition.

The brick walls are, on the whole, sound and well preserved, and the foundations seem generally secure and little settlement is apparent. In a very few places the wall footings have settled a little, producing cracks in the wall, but in no case has a dangerous condition resulted. A few spots show soft brick. In a few places surface bricks are disintegrating or spalling. Some of these spots should have repairs some time soon. Others may need replacing or repairs in the future.

In the original design of the building the east wall of the east tower and the west wall of the west tower were subjected to an eccentric load near the top. The eccentric loading caused the walls to bulge out, the movement probably occurring for the most part when the building was comparatively new. This bulging and the presence of soft bricks in parts of the wall gave trouble in the east tower some years ago, and the fault in the design was remedied four years ago when a column was placed in this tower in such a manner that most of the load that had been carried on the injured wall was transferred to the column and faulty brick work was replaced by sound masonry and a steel rod introduced at the bulge so as to prevent further movement. These repairs seem to be adequate and no further trouble is anticipated.

A similar condition has existed in the west tower. We are informed that some years ago a girder was inserted to transfer part of the load from the west bearing wall. Alterations similar to those made in the east tower are now being made in the west tower. A steel column has been placed to relieve the brick bearing wall of part of its load, and we are informed that repairs of the brick work are in contemplation. With the completion of this work the west tower should be safe for many years. There is a slight bulge in the west wall of the building near the tower which evidently has existed for many years. It does not show elements of unsafety now, but it would be well to make periodic inspections of it.

The east tower has developed a second weakness; although not serious, it may well be remedied. Cracks have appeared above the narrow window openings near the top of the tower so that the brick work forms a number of slender pillars. The weight resting on this brick work is light and there is no evidence that the condition is at all dangerous. It would seem well, however, to strengthen the construction, which may be done easily and cheaply by tying the four corners of the tower together with steel rods. It is suggested that this precaution be taken.

In the places where floor boards were removed the joists were found to be in good state of preservation with no indication of deterioration because of age. The joists appear to be made of the excellent quality of white pine that was commonly used at the time the building was constructed.

Many of the floors show some sag, but the indications are that the deflection occurred in the early life of the building. Computations show that the floor supports have ample strength, though they will permit somewhat greater deflection under load than the limit generally required in modern practice. There are practically no

cracks in the plaster, and the woodwork has not split nor been pulled away from the plastering, indicating that structurally the building is in a remarkably good state of preservation for its age.

We are informed that the plastering fell from the ceiling of one of the rooms a year ago. As plastering is likely to become loose, it would seem desirable to have the ceilings of the rooms inspected.

So far as conditions for exit in case of fire are concerned, we feel that the broad corridors, the location and arrangement of the three stairways, and the location of the fire escapes are such as to give ample exit facilities.

We find then that at the present time the building is structurally safe, that in general it is well preserved, and that with the changes and repairs being made and those suggested in this report all reasonable precautions for safety will have been taken.

Respectfully submitted,

M. S. KETCHUM  
A. N. TALBOT  
W. M. WILSON

#### REPORT OF PHYSICAL PLANT DEPARTMENT ON UNIVERSITY HALL

The following report from Director C. S. Havens, Dean M. L. Enger of the College of Engineering, Dean Rexford Newcomb of the College of Fine and Applied Arts, Professor W. M. Wilson of the Department of Civil Engineering, and R. C. Maxwell, Structural Engineer in the Physical Plant Department.

#### *Comments on W. S. Wolfe's Report Regarding University Hall*

We have read W. S. Wolfe's report on the condition of University Hall and we concur in his findings and recommendations. However, on account of the general nature of his report, we have requested that he submit a supplementary report containing more engineering data. We have the following comments to make relative to Mr. Wolfe's list of minimum repairs.

1. We approve the removal of all ceiling plaster. Approximately two and one-half tons of plaster fell in Room 315 at 12:55 p.m., January 21, 1938, and wrecked twenty-one heavy classroom chairs. Had this fall occurred during the forenoon of the same day when the room was occupied by a class, the occupants of these chairs would probably have been seriously injured, possibly some fatally. An examination of the building has shown that, in some places, the lath, and in other places, the furring strips, have already come loose, and the fall of other ceilings may be expected unless they are replaced.

2. We believe the strengthening of the floor framing is imperative for the following reasons:

(a) The Chicago Building Code requires that the live load used in the design of floors for school buildings be taken at 100 pounds per square foot for assembly rooms and 40 pounds per square foot for classrooms. Some of the rooms in this building are classrooms and others are assembly rooms.

The same code permits a unit stress in bending of 800 pounds per square inch for a good grade of white pine. Tests were made on three joists taken from a floor of University Hall and tested in the Materials Testing Laboratory. These joists were free of rot and checks but when tested developed only about two-thirds of the strength of good white pine joists. As a result of these tests, a report of which is attached, it would seem that a design stress of 600 pounds per square inch is as high as should be used in computing the safe load-carrying capacity of these joists. These data were not available at the time Mr. Wolfe made his report. The following live-load capacities are based on a unit stress of 600 pounds per square inch.

(b) On the typical 22-foot joist spans without superimposed partition loads, the live-load capacity is 17 pounds per square foot.

(c) On the typical 22-foot joist spans without superimposed partition loads, the live-load capacity is 25 pounds per square foot.

(d) On the typical 20-foot joist spans with superimposed partition loads, the entire safe load-carrying capacity of the joists is required to carry the dead load, leaving no carrying capacity for live load. That these joists have carried a live load for many years is due to the fact that structures are designed to carry three to six times the expected maximum load. This is a universal requirement of building codes.

(e) The wood beams on which the joists bear have a live-load capacity of 5 pounds per square foot on the floor where there are no superimposed partition loads, and on portions of the fourth floor, the partitions are so placed that no live load should be permitted on the floors.

3. The entire safe load-carrying capacity of the east and west stairs is required to carry the dead load. The Chicago Code requires a live-load capacity of 100 pounds per square foot. We endorse Mr. Wolfe's recommendation for fire towers and for removing the stairs.

4. While the main stair is superior in design to the east and west stairs and has a live-load capacity of 30 pounds per square foot, this is much less than the 100 pounds per square foot required by the Chicago Code. We endorse Mr. Wolfe's suggestion for rebuilding the main stair.

5. Several pieces of the cornice have fallen and, within the last year, a heavy bracket fell to the sidewalk near the east entrance. This is extremely dangerous to pedestrians who use these walks. The Board of Trustees, on November 10, 1937, authorized the replacement of or repairs to the cornice.

6. The condition of the towers was brought to the attention of the Board of Trustees, and on November 10, the removal of the towers was authorized. The Physical Plant Department prepared specifications for this work and was about to ask for bids when the ceiling fell in Room 315.

7. The Board of Trustees on November 10 approved repairs to or replacement of the dormers.

8. The Board of Trustees has approved the replacement of the roof as a maintenance item.

9. Much of the floor in this building is in bad condition. Moreover, it probably would be economical to remove the entire floor where the floor framing is to be strengthened. For these reasons, most of the floors in the building should be replaced.

10. Much of the original heating plant is still in use. Leaks are continually occurring and the whole heating system is inefficient, noisy, and impossible to regulate satisfactorily. It would seem desirable, therefore, either to remodel the old system completely, or to install a new one if a general reconstruction of the building is to be made.

11. Approved.

12. Sash and frames are badly worn and permit so much infiltration of air that it is difficult to heat the building uniformly.

13. The brick walls have been repaired on the exterior but in many places there are cracks which extend from the inside face of the walls to the new brick facing. There are also voids in the interior of the walls and, in places, bricks without any mortar have been used to fill the interior of the walls. The cracks on the interior of the walls are very noticeable on the interior of the east tower.

14. Toilets should be provided in the basement and on the fourth and fifth floors, and the existing toilets on the second and third floors should be modernized. Termites have entered the building thru the basement floor and further damage by them may be expected.

The discussion contained in paragraphs 1 to 14 is based on the assumption that extensive repairs are to be made but that modern fireproof floors and partitions are not to be provided. Mr. Wolfe has estimated that the cost of this construction will exceed \$200,000. Considering the fact that, if again put into service, this building will house, for considerable portions of each school day, over 1,000 students and faculty, it does not seem desirable to spend \$200,000 or more on repairs, and still have a building that falls so far short of modern standards for a building of this occupancy.



### Conclusion

In view of these considerations, we recommend that the building be condemned and torn down.

M. L. ENGER

*Dean, College of Engineering*

REXFORD NEWCOMB

*Dean, College of Fine and Applied Arts*

C. S. HAVENS

*Director, Physical Plant Department*

W. M. WILSON

*Research Professor of Structural Engineering*

R. C. MAXWELL

*Structural Engineer*

### Report of Tests of Joists Taken from University Hall

Three adjacent joists from the ceiling of Room 315 University Hall were removed and tested in the Materials Testing Laboratory. These joists appeared to be sound, unusually free from checks, and were straight and free from winds. As far as appearances were concerned they appeared to be good joists.

The joists were assembled to form a single structural member by spiking them together with 2" x 4" separators at the one-third points. These separators transfer load from one joist to another so as to cause the three to act as a unit in much the same manner as they act in the building. The joists were supported at the ends at points 19 feet apart and were loaded with two equal loads at the quarter points. This load distribution was used because it gives the same relation between the moment and shear that is produced by a uniformly distributed load, the type of load for which floor joists are designed. Steel plates were placed on the top of the joists under the loads so as to prevent local injury due to the concentrated load.

As the load was increased, one outside joist broke at a total load for the three joists of 12,950 pounds. This corresponds to a unit flexural stress in the joists of 2,875 pounds per square inch. The test was continued until the maximum total load was 15,400 pounds, corresponding to a unit stress of 3,420 pounds per square inch. This was the maximum total load which the joists would carry. Inasmuch as the design load for wood joists is usually taken at from one-fifth to one-eighth of their maximum load-carrying capacity, a unit stress of 600 pounds per square inch is as large as should be used for these joists.

W. M. WILSON

*Research Professor of Structural Engineering*

Director Havens commented on the Wolfe report, and showed specimens of material from the fallen ceiling.

Letters from several alumni were presented and considered.

After full discussion and on motion of Mr. Adams, the following resolution was unanimously adopted.

*Whereas*, the Board of Trustees has given serious consideration to the condition of University Hall, and to the reports of engineers not connected with the University, and of committees of architects and engineers from the University staff, and of its Physical Plant Department and the Board Committee on Buildings and Grounds, and the members of the Board now present have inspected the building in person; and

*Whereas*, the Board has also given serious consideration to the sentiment of the alumni who have written letters both for and against the removal of this building; and

*Whereas*, the building is now found to be structurally unsafe and hazardous, and the Board is of the opinion that the costs of restoring the building and of making it safe and fireproof would be greater than the Board is justified in expending for a restoration which would not result in a satisfactory and modern building, therefore be it

*Resolved*, that the President of the University should take steps to receive bids for the immediate removal of University Hall, and that such removal be and it is

hereby authorized; and that the President of the University be authorized to take steps to secure funds for a new building to replace University Hall, as it is impossible for the work of the University to be conducted satisfactorily on the present basis.

On motion of Mr. Moschel, the President of the University was authorized to request the Governor to include a request for funds for a new building, to replace University Hall, in the call for a special session of the General Assembly, and the President was authorized to take steps to secure action on such appropriation.

On motion of Mr. Pogue, the action of the Board on November 10, 1937 (Minutes, page 564), appropriating \$37,000 for repairs to University Hall, was reconsidered.

On motion of Mr. Pogue, this appropriation was rescinded, and the money was covered into the General Reserve Fund.

#### **APPROPRIATION FOR REHOUSING CLASSES AND OFFICES FORMERLY IN UNIVERSITY HALL**

(2) The closing of University Hall has required extensive remodeling and construction work by the Physical Plant Department in other buildings to rehouse classes and offices. I recommend that the expenditures necessary to do this work be authorized and an assignment of \$39,000 be made from the General Reserve Fund for this purpose. A supplementary assignment may be necessary when the total amount of work that will be required has been determined.

On motion of Mr. Cleary, the work of rehousing classes and offices was approved, and an appropriation of \$39,000 (to include the cost of wrecking the building) was made from the General Reserve Fund, as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

#### **NEW SEATING FOR AUDITORIUM**

At this point, Mr. Adams, for the Committee on Buildings and Grounds, presented a recommendation that new seating be installed in the Auditorium.

On motion of Mr. Adams, an appropriation of \$25,000, or so much thereof as may be necessary, was made for new seating in the Auditorium, the work to be completed by March 24, 1938. The appropriation was made by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

On motion of Mr. Pogue, the proper officers of the University were authorized to secure bids and to award the contract for this work.

At this point, Mr. Cleary withdrew.

#### **MATTERS PRESENTED BY PRESIDENT WILLARD**

The Board resumed consideration of matters presented by the President of the University.

#### **PRESS RELEASE ON UNIVERSITY HALL**

(3) A draft of a statement for release to the press concerning the action on University Hall.

On motion of Mr. Adams, the release of this statement was authorized.

**BIENNIAL BUDGET FOR 1939-1941**

(4) A meeting of the University Council was held on February 4 to begin consideration of the biennial budget for 1939-1941, and to discuss general policies and the considerations which should enter into the detailed studies of the budgetary needs. The Council considered the importance of more adequate provisions for capital items in view of the long period of time in which there has been no new building construction in the departments at Urbana, especially due to the closing of University Hall.

It was the judgment of the Council that the studies of the budget should begin with a survey of the educational and scientific needs of the University with respect to both the operating budget and building items, that two committees should be appointed, one to study the operating budget, the other the building program, which should work separately at first but later together with the view to making a joint report. The present Advisory Committee of the Bureau of Institutional Research has been designated to make studies of the operating budget, and the Building Committee will be appointed later.

This report was received for record. The Board was of the opinion that the budget should contain a contingent fund, controlled by the Board, sufficient to meet emergencies encountered in operating the University.

**JOURNALISM BUILDING**

(5) The President of the Illinois Press Association has inquired what provision would be made by the University in its next biennial budget for a Journalism Building. He has been informed that the recent closing of University Hall is likely to change the entire character of the University building program, but that his inquiry will be brought to the attention of the Board of Trustees.

This report was received for record.

**SABBATICAL LEAVES OF ABSENCE DURING 1938-1939**

(6) A recommendation that the following members of the faculty be given sabbatical leaves of absence during the academic year 1938-1939 in accordance with the provisions of the University Statutes, and on the terms and for the period indicated in each case:

**A. Leave of Absence for One Semester with Full Pay**

- J. G. Randall, Professor of History, first semester
- A. F. Deam, Professor of Architecture, second semester
- John Van Horne, Professor of Romance Languages, second semester
- F. W. Loomis, Professor of Physics, first semester
- G. W. Goble, Professor of Law, second semester
- W. C. Huntington, Professor of Civil Engineering, first semester
- E. T. Hiller, Professor of Sociology, second semester
- R. H. Miles, Associate Professor of Music, second semester

**B. Leave of Absence for One Year on One-half Pay**

- T. W. Baldwin, Professor of English (with privilege of changing to leave during second semester on full pay)
- R. H. Baker, Professor of Astronomy
- J. A. Nicholson, Associate Professor of Philosophy
- Edna E. Walls, Assistant Professor of Home Economics<sup>1</sup>
- H. R. Wanless, Associate Professor of Geology
- Mary C. Whitlock, Assistant Professor of Home Economics
- Mary Louise Chase, Assistant State Leader and Associate in Home Economics Extension<sup>2</sup>

<sup>1</sup>This involves only \$278.50 of University funds; the balance of the salary will be paid from Federal funds.

<sup>2</sup>Since Miss Chase is not of professorial rank, this case does not come under the University Statutes, but regulations of the United States Department of Agriculture provide for leaves of absence on one-half pay for people in the Home Economics and Agricultural Extension Services. Consequently her case is being included in this list. Her entire salary is paid from Federal funds.

*C. Leave of Absence for One Semester on One-half Pay*

- H. N. Hillebrand, Professor of English, first semester
- P. E. Jacob, Assistant Professor of Romance Languages, second semester
- D. R. Taft, Professor of Sociology, first semester
- P. D. Converse, Professor of Business Organization and Operation, second semester (with privilege of withdrawing application without prejudice)
- Mrs. Nell S. Talbot, Assistant Professor of Medical and Dental History and Assistant to the Dean of the College of Dentistry (four months from October 1, 1938, three months with full pay and one month without pay)

Twenty-six applications for sabbatical leaves during 1938-1939 were received from members of the faculty and were submitted to the Graduate School Research Board for its consideration of the program of study, research, or travel contemplated in each case, and the Research Board's recommendation to the President, in accordance with the administrative procedure established by authority of the Board of Trustees for the consideration of applications for leaves of this type. Two applications were subsequently withdrawn, one due to the death of the individual, and the other because the individual is requesting a leave without pay, thus leaving twenty-four applications to be considered.

The Graduate School Research Board has made a careful study of all of the applications to determine these values in each program of study, research, or travel contemplated. In its report the Graduate School Research Board has submitted an analysis of each case and of the evidence or reasons for its recommendation.

Because it is not practicable to grant all applications requested, at any rate, not in their original form, it has been necessary to make certain selections on the basis of the merits of each case and its relative importance to the University and to the individual. Nine applicants for one semester leaves on full pay were advised that their applications could not be recommended for approval in their original form and were given an opportunity to amend them to applications for one semester leaves on one-half pay. Four of them subsequently withdrew their applications; three have modified their applications to leave of absence for one semester on one-half pay or the equivalent; one has requested more time to consider whether he should modify his application to one semester on one-half pay or withdraw it; and another has been permitted to change his application to leave of absence for one year on one-half pay.

This leaves twenty applications with the possibility that one more in Group C may be withdrawn. After careful study of the applications and of the report of the Graduate School Research Board, I am recommending approval of the nineteen applications, as listed above.

On motion of Mrs. Plumb, these leaves were granted as recommended.

**LEAVE OF ABSENCE FOR PROFESSOR CHARLES M. KNEIER**

(7) A request from Associate Professor Charles M. Kneier of the Department of Political Science for a leave of absence without pay for one year beginning June 1, 1938, and continuing until September, 1939, so that he may accept the position of Director of Research for the new Illinois Legislative Council.

I concur in the recommendation of the Head of the Department and the Dean of the College that this leave be granted. Since Professor Kneier will have completed all of the work of the academic year 1937-1938 required of him under his contract, he is entitled to receive his full salary for the year. I therefore recommend further that the balance of his salary due him for the current academic year be paid him in equal installments between now and June 1, 1938.

On motion of Mr. Adams, this leave was granted, and the Comptroller was authorized to pay Professor Kneier's salary, as recommended.

**LEAVE OF ABSENCE FOR PROFESSOR FRANCIS P. SHEPARD**

(8) A recommendation that Associate Professor Francis P. Shepard of the Department of Geology and Geography, who has been on sabbatical leave of absence during

the current year (the first semester without pay and the second semester on one-half pay), be given additional leave of absence during the first semester of 1938-1939 without pay to enable him to continue his researches in oceanography on the Pacific coast. Professor Shepard's request has been considered by the Department, the Executive Committee of the College of Liberal Arts and Sciences, and the Graduate School Research Board, all of whom recommend approval of this arrangement.

On motion of Mrs. Freeman, this leave was granted as recommended.

#### LEAVES OF ABSENCE GRANTED MEMBERS OF THE STAFF

(9) A report that leaves of absence have been granted the following members of the staff for the periods and under the conditions indicated in each case:

1. Mr. Roscoe E. Hill, Assistant in Zoology (quarter time), February 1 to March 20, 1938, with pay, for doing scientific work at a marine biological station. The Department will take care of his work during his absence without additional expense to the University. Similar leaves have been granted for such purposes in previous years.

2. Miss Dorothy Iwig, Extension Specialist in Home Furnishings, four weeks from August 1, 1938, two weeks with pay and two without, in addition to the regular vacation allowance for one month for the purpose of attending the summer session at Columbia University Teachers College.

3. Miss Erma Cottingham, District 4-H Club Adviser, two weeks from July 20, 1938, in addition to the regular vacation allowance of one month, with pay, for the purpose of attending the summer session at the University of Chicago.

4. Associate Dean H. F. Fletcher, of the College of Liberal Arts and Sciences, sick leave with full pay for one month from January 24, 1938, or until such prior time as he is able to return to his duties.

5. Professor M. L. Hansen, of the Department of History, leave of absence during the second semester of 1937-1938 (or from January 7 to July 1, 1938) with full pay on account of illness. The Department will carry his work during this time without additional expense to the University.

6. Dr. Robbie N. Brunner, Associate in Anaesthesia, College of Medicine, leave of absence from February 1 to June 15, 1938, without pay, for the purpose of study. This is in addition to the sick leave with full pay from November 6, 1937, to February 1, 1938, approved by the Board at its last meeting.

On motion of Mr. Adams, the action of the President of the University in granting these leaves was confirmed.

#### LEAVE OF ABSENCE FOR DEAN H. W. MUMFORD

(10) At the meeting of the Board on January 20, 1938, I submitted a recommendation that Dean H. W. Mumford be given a leave of absence for one year with full pay in recognition of his long period of service, during which time he has never taken a sabbatical leave of absence. In my presentation I stated that Dean Mumford will be due to retire September 1, 1938, and I recommended that he be given the year's leave of absence, with full service pay, following his retirement. Dean Mumford will not be due to retire until September 1, 1939. The leave of absence may be granted him during the last year of his active service or during the year immediately following his retirement. The Board has already authorized a year's leave of absence with full pay for Dean Mumford, but I recommend that:

1. The Secretary of the Board be authorized to amend the record of the meeting of January 20 to show that Dean Mumford will be due to retire September 1, 1939; and

2. The President of the University be authorized to arrange with Dean Mumford the time of his leave, this to be either the academic year 1938-1939 or 1939-1940, whichever arrangement will best serve the interests of the University, and to report back to the Board.

On motion of Mr. Moschel, authority was granted as recommended.

**RETIREMENT OF MISS EMMA ACHENBACH**

(11) A recommendation that Miss Emma Achenbach, an employee in the Physical Plant Department (in the Women's Residence Halls) be retired effective March 1, 1938, with a retiring allowance of \$559 to which she is entitled under the University Statutes and in accordance with the terms of her employment.

Miss Achenbach has been in the service of the University since September 1, 1921. She was due to retire September 1, 1937, but has been carried in active service since that time. Other provisions have now been made for her work so that she can be retired effective March 1.

On motion of Mrs. Freeman, this retirement was authorized as recommended.

**REPORT OF DEATH BENEFIT PAID**

(12) The report of the death on January 31, 1938, of Mr. C. A. Dunseth, a retired employee of the Physical Plant Department who was in the active service of the University from August 15, 1910, until his retirement September 1, 1927. The Comptroller has paid his designated beneficiary the sum of \$438.50, which was the death benefit payable under the University Statutes and the terms of Mr. Dunseth's employment.

This report was received for record.

**ADJUSTMENTS IN THE BUDGET OF THE ATHLETIC ASSOCIATION**

(13) A report that the Board of Directors of the Athletic Association has made an assignment of \$2,200 from its Reserve Fund for the purchase of knockdown bleachers as replacements for old bleachers of this type.

On motion of Mr. Moschel, this adjustment was approved.

**APPROPRIATION TO COLLEGE OF ENGINEERING**

(14) The Board of Trustees on November 10, 1937, authorized a change in the name of the Materials Testing Laboratory to the "Arthur Newell Talbot Laboratory." The formal announcement of this change is to be made at a convocation honoring Professor Talbot to be held in April.

The Dean of the College of Engineering requests a special appropriation of \$650 to defray certain expenses incidental to changing the name of the building. These will include recarving the stone panels on the building, installation of a bronze tablet in the building, and incidental expenses.

On motion of Mrs. Freeman, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

**APPROPRIATION TO COLLEGE OF AGRICULTURE**

(15) The Board of Trustees on November 10, 1937, authorized the observance of the fiftieth anniversary of the Agricultural Experiment Station to be held in the spring of 1938 but no appropriation was made at that time. It is estimated that the expense of this observance will be \$2,500. This will include the publication of a report reviewing the most important work of the Station during its fifty years of service, the expense of an evening dinner for out-of-town guests, an honorarium for the principal speaker, and incidental expenses. The cost of publishing the report, which is the largest item of expense, can be deferred until the next fiscal year, and it is also possible that Federal funds may be available to defray a part of this cost. For the present year a special appropriation of \$1,000 is requested by the Dean and Director and I recommend this assignment be made from the General Reserve Fund.

On motion of Mr. Moschel, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Mr. Mayer, Dr. Meyer, Mr. Wieland.

**CHANGE IN STATUS OF UNIVERSITY GOLF CLUB**

(16) A recommendation that the Athletic Association be authorized to take over the management and maintenance of the University Golf Course and that the provision in the University Statutes relating to this activity be amended to read as follows:

(a) The Athletic Association is authorized to lay out and maintain a golf course on the premises of the University, including the South Campus and the Experiment Station grounds; subject, however, to the approval of the Director of the Physical Plant Department as to the location on the Campus, and to that of the Director of the Experiment Station as to the location on the Experiment Station premises.

(b) The use of the course by students, members of the faculty, and the general public is conditioned on the establishment and maintenance of rules approved by the Athletic Association, which rules shall include a penalty of withdrawal of the privileges of the course and forfeiture of all rights thereto for trespass on Experiment Station property.

I further recommend that the University Golf Club be authorized to transfer all moneys and other property belonging to it to the Athletic Association.

On motion of Mrs. Freeman, this transfer was authorized and the rules were amended as recommended.

**RESOLUTION OF ILLINOIS GUERNSEY BREEDERS' ASSOCIATION**

(17) The Illinois Guernsey Breeders' Association at its annual meeting held on January 13 adopted the following resolution addressed to the Board of Trustees of the University:

*Resolved:* That the Illinois Guernsey Breeders' Association request the University of Illinois Board of Trustees to provide a fund of Ten Thousand Dollars, to be used by the Dairy Department for the purchase of Foundation breeding animals needed in the improvement of their Dairy Herds.

This resolution was received for further consideration.

**PURCHASES RECOMMENDED**

(18) A recommendation that the following purchases be authorized:

1. 28,000 feet of lumber, consisting of red oak, birch, redwood, and white pine, for the Physical Plant Department from the Missouri Hardwood Lumber Company, Kansas City, Missouri, the lowest bidder, at a price of \$3,084.75.

2. One Lodge & Shipley engine lathe, 20-inch, with attachments, remanufactured, for the Physical Plant Department from the Hill-Clarke Machinery Company, Chicago, at a price of \$1,905.50 f.o.b. Chicago. This lathe has been examined by a representative of the Department and found to be in good condition. A similar new lathe would cost about \$2,500.

3. Rental of caps and gowns, 1938 Commencement exercises, from Bresee Brothers, Champaign, the lowest bidder, at an approximate total cost of \$1,522.35. A graduation fee is charged all students who are to receive degrees and this fee includes among other costs the rental of academic costume.

On motion of Mr. Moschel, these purchases were authorized as recommended.

**PURCHASES AUTHORIZED**

(19) The following report of the purchase authorized by the President of the University since the last report, of one carload (400 cartons) paper towels (size 11" by 15") from the Illini Chemical Company, Champaign, the lowest bidder, at a price of \$3.44 a carton (estimated total \$1,376.00).

On motion of Mr. Pogue, the action of the President of the University in authorizing this purchase was confirmed.

**GIFTS TO THE UNIVERSITY**

(20) A report of the following gifts received by the University since the last report was received by the Board:

1. The American Legion Auxiliary, Department of Illinois, a cash prize of \$50 to be awarded to the candidate in the first year (junior) of the advanced course of the R.O.T.C. who has been the outstanding competitor in the inter-unit varsity and freshman small-bore rifle matches and who has contributed most to the success of his teams during his previous three years in the R.O.T.C. The award will be paid to the University and credited to the account of the cadet selected as partial payment of University fees and other charges, and any unused balance shall be paid to the cadet. The regulations confirming the selection are to be prescribed by the Professor of Military Science and Tactics.

2. Certain objects of art from Miss Carolyn Wicker, 72 East Eleventh Street, Chicago, to the Museum of European Culture.

Standing gilded wood figure.

Amida, the Buddha of Boundless Light.

Late Tokugawa Period (18th-19th) 1603-1867. Japan.

Pair of bronze guardian lions, eighteenth century or later from Burma.

Seal ring of gilt bronze and enamelled decorations with concealed receptacle.

3. The Sangamo Electric Company, Springfield, Illinois, one No. 3-6101-D, 115-volt 60-cycle flasher valued at \$7.48 to the College of Agriculture.

4. The Studebaker Corporation, South Bend, Indiana, one hydraulic brake of the latest type used on Studebaker cars, to the Department of Mechanical Engineering.

5. Mr. M. L. Willis, Manager of the Western Union Telegraph Company, Champaign, Illinois, one undulator (a tape-writing instrument used for registering low frequency "brain waves" and similar phenomena) to the Department of Psychology.

This report was received for record.

**INVESTMENT OF ENDOWMENT FUNDS**

At this point, Mr. Moschel, for the Finance Committee, presented a recommendation that the Finance Committee be authorized, in its discretion, to sell

\$10,000 Pennsylvania Power and Light Company First,  
4½%, 1981

\$ 9,000 Texas Power and Light Company 5%, 1956

and to purchase

\$ 5,000 California Water Service First, 4%, 1961, approximate  
price 99

\$ 5,000 Bethlehem Steel Purchase Money 6%, 1998, at about  
130

\$ 5,000 Chicago District Electric Generating Company First,  
4½%, 1970, at about 105

On motion of Mr. Moschel, this authority was granted as recommended.

**FEATURE ARTICLE IN CHICAGO SUNDAY TRIBUNE**

At this point, Mrs. Plumb called attention to a misleading and inaccurate feature article in the Chicago Sunday Tribune of February 6, 1938.

The President of the University made a statement and presented



a letter he had written to Colonel R. R. McCormick concerning this matter.

On motion of Mr. Pogue, the Board gave full accord and approval to the action and letter of the President of the University.

#### DATE OF ANNUAL MEETING

The Board set the date of the annual meeting as Friday, March 18, 1938, in Chicago.

#### RESIGNATIONS

The Secretary presented for record the following list of resignations.

Campbell, J. D., Assistant in Mathematics—resignation effective February 1, 1938.

Cleveland, E. A., Assistant in Chemistry—resignation effective February 1, 1938.  
Day, Ernest C., Assistant in Surgery, in the College of Medicine—resignation effective February 1, 1938.

Dillow, Konrad C., Fellow in Education—resignation effective February 1, 1938.

Edwards, Maxwell, Assistant in English—resignation effective February 1, 1938.

Simmons, Mrs. Beatrice S., Stenographer in the Office of the Dean of the College of Education—resignation effective at noon, February 16, 1938.

Theimer, Mary E., Physiotherapist in the Department of Orthopaedics, in the College of Medicine—resignation effective February 8, 1938.

#### APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Agnew, T. L., Assistant in History, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (January 21, 1938)<sup>1</sup>

Alexander, Mrs. Leona, Stenographer in the Department of Economics, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Ames, Alfred C., Assistant in English, on two-thirds time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety-eight dollars thirty cents (\$98.30) a month (this supersedes his previous appointment). (February 2, 1938)

Anderson, John, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Bailey, L. E., Laboratory Helper in the Chemistry Department, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 29, 1938)

Barnes, Broda O., Instructor in Medicine, in the College of Medicine, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Birky, Carl William, Assistant in Sociology, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 28, 1938)

Bolin, Oren Edgar, Associate in Plant Genetics, in the Department of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station, for seven months beginning February 1, 1938, at a cash compensation at the rate of two thousand dollars (\$2,000) a year (this supersedes his previous appointment). (February 1, 1938)

Bone, Robert G., Instructor in History, on one-half time, and Counselor in the Personnel Bureau, on one-half time, for five months beginning February 1, 1938,

<sup>1</sup>The date in parenthesis is the date on which the appointment was made by the President of the University.

at a cash compensation at the rate of two hundred twenty dollars (\$220) a month (this supersedes his previous appointment). (February 4, 1938)

Borden, John V., Assistant in Histology, in the College of Dentistry, beginning February 7, 1938, and continuing through June 10, 1938, with exemption from tuition and laboratory fees for the second semester of 1937-1938. (February 2, 1938)

Brighthouse, Gilbert, Instructor in Psychology, on one-half time, and Counselor in the Personnel Bureau, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty dollars (\$240) a month (this supersedes his previous appointment). (February 4, 1938)

Brown, Mary Ellen, Stenographer in the Bureau of Institutional Research, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (February 3, 1938)

Bruner, David K., Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 2, 1938)

Bushart, R. R., Assistant in Romance Languages, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 4, 1938)

Cavanaugh, Marie, Stenographer in the Department of Agricultural Engineering, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 4, 1938)

Chase, Mrs. Stephanie P., Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (January 27, 1938)

Clancy, Margaret C., Clerk in the Department of Dairy Husbandry, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 7, 1938)

Clements, Mrs. Ruth, Stenographer in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of eighty-seven dollars fifty cents (\$87.50) a month (this supersedes her previous appointment). (January 27, 1938)

Compton, Warren Eugene, Instructor in Mechanical Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (February 3, 1938)

Day, Herbert Summerfield, Assistant in Sociology, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 28, 1938)

Edwards, Irvin Fred, Assistant in Animal Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 7, 1938)

Eleman, Mrs. Alberta, Stenographer in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month. (January 27, 1938)

Fisher, Edward, Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 9, 1938)

Flores, Joseph S., Assistant in Romance Languages, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 4, 1938)

Fritzen, Dorothy, Library Clerk in the Order Department of the Library, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 29, 1938)

Giffin, Roscoe R., Assistant in the Bureau of Business Research, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 31, 1938)

Gillett, Theresa, Cataloger in the Library, for six months beginning March 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand seven hundred dollars (\$1,700) a year (this supersedes her previous appointment). (February 11, 1938)

Grace, Charles Theron, Instructor in Mechanical Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (February 4, 1938)

Hanson, Mrs. Mary C., Stenographer in the Department of Dairy Husbandry, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 7, 1938)

Hartsook, John, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Henderson, Melvin, Associate in Vocational Agriculture, in the College of Agriculture, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this supersedes his previous appointment). (January 31, 1938)

Hughes, E. M., Associate in Farm Management, in the College of Agriculture and in the Agricultural Experiment Station, for five months beginning February 1, 1938, at a cash compensation at the rate of two thousand six hundred dollars (\$2,600) a year. (January 27, 1938)

Johnson, Helen, Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, for seven months beginning February 1, 1938, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 27, 1938)

Kell, R. W., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1938, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 9, 1938)

Kinney, Mary R., Instructor in Library Science, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month (this supersedes her previous appointment). (January 26, 1938)

Knight, R. B., Special Research Graduate Assistant in Mechanical Engineering, in the Engineering Experiment Station, on one-half time, beginning February 1, 1938, and continuing through January 31, 1939, not including July and August 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 9, 1938)

Lane, Dorothy, Stenographer in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1938, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 11, 1938)

Langdon, W. M., Assistant in Chemistry, on one-third time, for five months beginning February 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (January 25, 1938)

Larsh, Howard W., Assistant in Botany, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 25, 1938)

Larson, Bernt Oscar, Assistant in General Engineering Drawing, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 3, 1938)

LaSage, Laurence, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Lewis, John Wilson, Assistant in English, on two-thirds time, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Little, Mrs. Madge, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 26, 1938)

Pask, Joseph A., Assistant in Ceramic Engineering, in the College of Engineering, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month (this supersedes his previous appointment). (February 11, 1938)

Patton, Frances, Stenographer in the Office of the Dean of the College of Education, on three-fifths time, and Stenographer in the Office of the Director of the

Summer Session, on two-fifths time, beginning at noon, February 16, 1938, and continuing through August 31, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (February 11, 1938)

Pepper, Echo D., Associate in Mathematics, on three-fourths time, and Counselor in the Personnel Bureau, on one-fourth time, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty-nine dollars forty cents (\$249.40) a month (this supersedes her previous appointment). (February 4, 1938)

Reamer, Owen Jordan, Assistant in English, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 2, 1938)

Reb, Christine Lenore, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (January 26, 1938)

Reed, Cordelia, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1938, at a cash compensation at the rate of ninety dollars (\$90) a month. (February 4, 1938)

Reich, Emily Evalyn, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of seventy dollars (\$70) a month (this is in addition to her appointment as Library Assistant in the Education Reading Room of the Library). (January 25, 1938)

Riecken, Frank Frederick, First Assistant in Soil Survey, in the Department of Agronomy, in the Agricultural Experiment Station, for seven months beginning February 1, 1938, at a cash compensation at the rate of two thousand two hundred dollars (\$2,200) a year. (January 31, 1938)

Rifle, Lois Lucile, Assistant in Library Science, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (January 26, 1938)

Robinson, J. V., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Rohde, Carl, Special Research Graduate Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1938)

Rosaldo, Renato, Assistant in Romance Languages, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 4, 1938)

Schmutzler, Ruth, Stenographer and Clerk in the Department of Botany, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one thousand three hundred dollars (\$1,300) a year. (February 3, 1938)

Snyder, Roy Kenneth, Special Research Assistant in the College of Pharmacy, beginning January 1, 1938, and continuing until June 15, 1938, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 2, 1938)

Spence, R. W., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (January 25, 1938)

Stansifer, Mary, Home Adviser at Large, in the Extension Service in Agriculture and Home Economics, beginning February 7, 1938, and continuing through August 31, 1938, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (January 28, 1938)

Templeman, W. D., Assistant Professor of English, on two-thirds time, and Counselor in the Personnel Bureau, on one-third time, for seven months beginning February 1, 1938, at a cash compensation at the rate of two hundred forty-six dollars ninety cents (\$246.90) a month (this supersedes his previous appointment). (February 4, 1938)

Templeton, W. C., Jr., Assistant in Crop Production, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, for seven months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 2, 1938)

Thomas, W. F., Assistant in Psychology, for five months beginning February 1, 1938, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month (this supersedes his previous appointment). (February 9, 1938)

Walton, Mrs. Louise, Typist in the Department of Dairy Husbandry, in the College of Agriculture, for seven months beginning February 1, 1938, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (February 7, 1938)

Witte, Michael, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1938, at a cash compensation at the rate of forty dollars (\$40) a month. (January 25, 1938)

Wood, William G., Assistant in History, on one-half time, beginning February 3, 1938, and continuing through June 30, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1938)

Zaborowski, Robert, Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, on one-half time, for five months beginning February 1, 1938, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 3, 1938)

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

O. M. KARRAKER  
*President*