The Department of Education of the University of Chicago has been developed as a part of the graduate school of the University. As a result, the members of its staff are intimately associated with all the activities of the University.

The geographical location of the University in the part of the United States which is most vigorously engaged in educational experimentation is very favorable to the development of scientific research in education.

The School of Education has never aimed to attract large numbers of students or to engage in activities which are not directly related to scientific investigation in the field of education. The result is that the scientific output per member of the staff has been relatively large. The institution has done a great deal of notable work, especially in the analysis of the learning processes involved in mastering the rudimentary subjects of the elementary curriculum.

The School of Education has two Laboratory Schools which are thoroughly established and so organized that tuition pays for all instruction and for current administrative expenses and for supplies. The Laboratory Schools have produced a great deal of teaching material and are very serviceable as centers for scientific work.

The University has a nursery school which has never been used as fully as it might be as a laboratory for the scientific study of children of pre-school age. It has become increasingly clear in recent years that the emotional and intellectual bents which little children acquire in their pre-school years are important determinants of their later educational development. Systematic study of pre-school children is highly desirable in order that the full cycle of children's development may be understood.
The Department of Education of the University of Chicago press

developed as a part of the Teachers' School of the University, as a means of
the members of the staff and the faculty associated with it, the activities
of the University.

The educational process of the University is the basis of the
United States' major in most academic programs in educational experiences.
In this way, it provides for the development of potential resources in science.

The report of the President on the work of the faculty at the end of the
academic year, together with the final report of the faculty of the College. The report to the faculty
sciences, in the light of a comprehensive statement of the facts and the present situation.
In the light of a comprehensive statement of the facts and the present situation. In the
of the President, along with a report of the faculty of the College on the
features of the situation. The President's report is to be considered by the
faculties.

The President of the University has the responsibility for the
action of the President, acting as a representative of the President and as an
representative of the President's action. His report to the faculty
sciences, and the President's report is to be considered by the
faculties.

The President's report is to be considered by the
faculties.

The President's report is to be considered by the
faculties.

The President's report is to be considered by the
faculties.
There is located near the University an orthogenic school which takes care of some fifteen abnormal and backward children. The Board of Trustees of this school is eager to secure affiliation with the University. The school furnishes an excellent opportunity to study abnormal children and to devise methods of dealing with them.

The colleges of the University of Chicago and the general administrative organization of the University constitute a laboratory for the solution of the problems of higher education. If proper investigators were provided to make extended studies in the field of higher education, there can be no doubt that benefit would accrue to the University of Chicago and to all the colleges in this region. Something has already been done along this line in two elaborate doctoral theses which have studied the records of college students and in a summer institute for college and University officers which has been conducted during the last three years.

There are two extensions of the general work of the department which are much needed. First, the department has never been strong in its treatment of administrative problems except in the one field of curriculum construction. The fact is that very little good scientific work has been done anywhere on such matters as the duties of the superintendent, duties of the principal, functions and powers of boards of education and like administrative problems. Second, no one anywhere has made a study of the higher learning processes, that is, of the processes involved in learning geography, history and other advanced subjects.

In order to develop a fully rounded program of scientific research in the field of education, there should be added to the present staff competent investigators and leaders of students in the following fields: study
There are three urgent needs that the University must face:

1. To develop a strong, comprehensive and well-organized system of instruction.
2. To improve the quality of instruction.
3. To enhance the overall efficiency of the University.

The System of Instruction is critical to the success of the University.

The course of study for students must be carefully planned to ensure that they receive the knowledge and skills necessary for success in their future careers.

The quality of instruction must be continuously improved to ensure that students receive a high-quality education.

The overall efficiency of the University must be enhanced to ensure that resources are used effectively and efficiently.

In conclusion, the University must address these three urgent needs to ensure its success and the success of its students.
of pre-school children, study of defective children, study of college administration, study of general school administration, and study of higher mental processes. For the study of pre-school and defective children, Professors Bott and Blatz, now of the University of Toronto, should be brought to Chicago and provided with proper assistants. For the study of college administration, S. P. Capen and F. W. Reeves should be brought. In the field of school administration, L. V. Koos should be secured for secondary school administration and some men of the rank of assistant professor or associate professor should be trained for the study of other aspects of administration. For the study of higher mental processes, the present staff is adequate if provided with assistance and allowed time for research to a somewhat greater extent than is now possible.

The realization of this program involves certain accessories. The first is building space. Especially is there need of laboratory and library space. There must also be provided consultation facilities and additional space for instruction. The second accessory need is a liberal provision for assistance. At the present time there are no assistants in the department. Statistical assistants, research workers who can gather data under guidance, library assistants who can collect reports and pamphlet material and make these readily accessible are essential to economical work.

There is one further accessory provision which is highly desirable. The department should have a floating fund which can be allocated in any given year to assist particular projects. The University of California and certain other institutions have such research funds from which grants are made each year to members of the faculty who are engaged in specific projects. The grants may be for apparatus, for substitutes who will take over instructional
duties for a time, and for publication of results. Nothing is more likely to encourage research than a rotating fund which can be applied to investigations which need temporary help.

If the additional resources discussed can be secured, the Department of Education will organize its activities in such a way as to concentrate its training in research on selected graduate students. It will provide generously, especially during the Summer Quarter, instruction for the great body of graduate students who are not candidates for advanced degrees but who profit from contact with the results of scientific research.

The budget necessary for this whole program is as follows:

Major appointments specifically mentioned, namely:

Professor Bott . . . . . . $8,000
Professor Blatz . . . . . . 7,000
Chancellor Capen . . . . . 10,000
Professor Reeves . . . . . 7,000
Professor Koos . . . . . . 8,000

Associate professors and assistant professors in certain fields, namely:

Study of defectives . . . . . $3,500
School Buildings . . . . . 3,500
School Supervision . . . . . 4,000
Educational Sociology . . . . 4,000

Assistants of the types necessary in different fields, namely:

Two statistical assistants at $2400 $4,800
Three assistants for pre-school children and for defectives at $2000 . . . . . . 6,000
Three library assistants at $2000. 6,000
Three clerical assistants at $1800 5,400
Rotating research fund . . . . . 10,000
Laboratory workshop . . . . . 3,000
Supplies and equipment in new department . . . . . . 8,000
The budget necessary for this project is as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher/Staff</td>
<td>$800</td>
</tr>
<tr>
<td>Professional Travel</td>
<td>$700</td>
</tr>
<tr>
<td>Supplies/Supplies</td>
<td>$100</td>
</tr>
<tr>
<td>Transportation</td>
<td>$800</td>
</tr>
<tr>
<td>Teacher/Staff</td>
<td>$800</td>
</tr>
</tbody>
</table>

Additional recommendations for necessary expenses:

- Support of children and supplementary training
- Additional financial resources
- Support of children and supplementary training
- Additional financial resources

The total necessary expenses are $2,000.
The buildings needed for the total program are indicated in the accompanying drawings and include a graduate building, an auditorium, and a high-school building. The costs for these buildings is estimated in the accompanying statement furnished by the Superintendent of Construction.

The most advantageous form which a gift of funds could take would be to provide at once for a graduate building and for a part or the whole of the program of research. The auditorium and high-school building could doubtless be secured locally if the other substantial enlargements were provided.
December 27th, 1928

Dr. C. H. Judd,
Faculty Exchange.

Dear Dr. Judd:  School of Education
Proposed Buildings

Confirming our discussion of this morning, I take
pleasure in handing you five blueprints which show the floor
plans and elevations of Plan "Y", the study on a scale of
1" - 32' by Mr. E. B. Jackson, dated November 11th, 1928.

Attached I am supplying a preliminary estimate of
cost for this construction showing the Graduate School
consisting of the four-story building 184' along Kimbark
Ave. with the wing to the east 90'-6" along this south wall
to a point within 28'-6" of the north and south center line
of the block.

These figures are shown separately for the build-
ing construction including the Architect's fee, the furnish-
ings and equipment, and the endowment for maintenance.

I trust that these figures serve your present
purpose.

Yours very truly,

L. R. Flook.

LRF:EM

cc-LRS

Encs.
December 28th, 1938

Dr. C. H. Engel
Faculty Exchange

School of Engineering

Proposed Buildings

Dear Dr. Engel:

I am continuing our conversation of this morning. I take pleasure in bringing you the photographs which show the look of the building as a whole. These are from above and alternate views of Plan "Y" which is a scale of X. 25, 000,000. I am enclosing a copy of these photographs.

I am submitting a preliminary estimate of cost for this construction totaling $10,245,000. This estimate, I believe, will be within the $20,000,000 limit. The building will be a total of 8 stories north and south of campus.

These figures are shown separately for the building and-construction including the foundation, etc., the framework, and the equipment for maintenance. I trust that these figures serve your purpose.

Yours very truly,

[Signature]

R. M. Floor
## Preliminary Estimate of Cost

<table>
<thead>
<tr>
<th>CONSTRUCTION</th>
<th>FURN. &amp; EQUIP.</th>
<th>MORTGAGE</th>
<th>TOTAL COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated cost per cu. ft.</td>
<td>70¢</td>
<td>7¢</td>
<td>35¢</td>
</tr>
</tbody>
</table>

(1) **Graduate School Building**

"A" Four stories 164' (along Kimbark Ave., from Blaine Hall to Belfield Hall) by 55' and 65' wide - 551,100 cu. ft.

- $473,770
- $47,677
- $238,885
- $782,382

"B-1" Four-story wing to the east, coming within 24'-3" of center line of block, 90'-0" long x 50' wide; \( \frac{1}{2} (880,000 - (57 \times 52 \times 70)) = 447,300 \) - 318,760 cu. ft.

- $261,732
- $32,172
- $110,666
- $554,771

**Totals:**

- $638,502
- $69,850
- $349,551
- $1,117,603

(2) **High School Building**

Exactly similar to Graduate School Building above - "B" and "B-3" except opposite hand, along Kenwood Ave.

**Total (1) & (2):**

- $1,297,054
- $179,700
- $698,502
- $2,975,256

(3) **Central Building**

"B-3" Four stories, between wings of above Buildings. (1) and (2), 57'x52', - 347,300 cu. ft.

- 172,100
- 17,317
- 69,850
- 277,367

**Total (1), (2) & (3):**

- 1,570,170
- 157,017
- 765,365
- 2,912,552

(4) **Auditorium**

"C" Two-story building, 71'x73', between Belfield Hall and Central Building (3) above - 155,500 cu. ft.

- 106,650
- 12,650
- 31,413
- 171,113

**Grand Total:**

- 1,379,234
- 176,934
- 820,015
- 2,376,183

* Refers to Plan "Y" by Mr. Jackson dated November 11th, 1885.

(See B/P scale 1"=20', which show First, Second, Third and Fourth floor plans and one sheet of Elevations and Sections)
The University of Colorado
Superintendent of Construction

School of Education
Purpose: Maintenance of Cost

<table>
<thead>
<tr>
<th>Class</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. (1) General School Building

- (A) Base amount of $100,000 for construction of new building
- (B) Additional amount of $50,000 for construction of new building
- (C) Total amount of $150,000

2. (2) High School Building

- (A) Base amount of $80,000 for construction of new building
- (B) Additional amount of $20,000 for construction of new building
- (C) Total amount of $100,000

3. (3) Auditorium

- (A) Base amount of $30,000 for construction of new building
- (B) Additional amount of $10,000 for construction of new building
- (C) Total amount of $40,000

4. (4) Classroom Building

- (A) Base amount of $50,000 for construction of new building
- (B) Additional amount of $10,000 for construction of new building
- (C) Total amount of $60,000

5. (5) Gymnasium

- (A) Base amount of $20,000 for construction of new building
- (B) Additional amount of $5,000 for construction of new building
- (C) Total amount of $25,000

6. (6) Library

- (A) Base amount of $15,000 for construction of new building
- (B) Additional amount of $3,000 for construction of new building
- (C) Total amount of $18,000

Total Estimated Cost: $450,000
October 15, 1927

Dear Mr. Freeman:

Thank you for the suggestion which you make in your letter of October 9 that the Education Building be named after Mr. Judd. I am glad to have this suggestion and shall consider it in conference with my associates here.

Sincerely yours,

ROBERT M. HUTCHINS

Mr. Frank N. Freeman
Department of Education
University of Chicago
Faculty Exchange
October 18, 1877

Dear Mr. President:

Thank you for the suggestion which you make in your letter of October 8 that the Education Building be named after Mr. Judah. I am glad to have this suggestion and shall consider it in conference with my associates.

Sincerely yours,

Robert M. Hutchins

Mr. Frank H. Peck
Department of Education
University of Chicago
Faculty Exchange
## School of Education Buildings

<table>
<thead>
<tr>
<th>Building</th>
<th>Cu. Feet</th>
<th>Cost to Build</th>
<th>Cost to Equip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate School</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section A</td>
<td>681,000</td>
<td>$450,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>Central Building</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section B</td>
<td>680,900</td>
<td>550,000</td>
<td>50,000</td>
</tr>
<tr>
<td>Auditorium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section C</td>
<td>550,500</td>
<td>110,000</td>
<td>15,000</td>
</tr>
<tr>
<td>High School</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section D</td>
<td>681,000</td>
<td>450,000</td>
<td>50,000</td>
</tr>
<tr>
<td>Gymnasium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sections A &amp; B</td>
<td>500,000</td>
<td>190,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Swimming pool</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section D</td>
<td>110,000</td>
<td>40,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Childrens' playroom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section C</td>
<td>95,000</td>
<td>37,000</td>
<td>3,000</td>
</tr>
</tbody>
</table>

Dec. 3, 1925
<table>
<thead>
<tr>
<th>School of Recreation Buildings</th>
<th>Cost to Build</th>
<th>Cost to Equip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate School</td>
<td>$450,000</td>
<td></td>
</tr>
<tr>
<td>Section A</td>
<td>$150,000</td>
<td></td>
</tr>
<tr>
<td>Section B</td>
<td>$400,000</td>
<td></td>
</tr>
<tr>
<td>Swimming Pool Section D</td>
<td>$110,000</td>
<td></td>
</tr>
<tr>
<td>Gymnasium</td>
<td>$90,000</td>
<td></td>
</tr>
<tr>
<td>Auditorium</td>
<td>$500,000</td>
<td></td>
</tr>
<tr>
<td>Section C</td>
<td>$150,000</td>
<td></td>
</tr>
<tr>
<td>Section D</td>
<td>$80,000</td>
<td></td>
</tr>
<tr>
<td>High School</td>
<td>$200,000</td>
<td></td>
</tr>
<tr>
<td>Administration</td>
<td>$150,000</td>
<td></td>
</tr>
<tr>
<td>Section A &amp; B</td>
<td>$600,000</td>
<td></td>
</tr>
<tr>
<td>Cafeteria, Playroom Section C</td>
<td>$20,000</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$80,000</td>
</tr>
</tbody>
</table>
PROPOSED LIBRARY AND SCHOOL BLDG.

(Conference with Dr. Judd, Feb. 1st, 1924)

I. It is proposed to build a fireproof stone building in harmony with Blaine Hall along the west side of Scammon Court, (along Kimbark Avenue) Disposing of Kimbark Hall and the Boy's Club.

This building to fill in a space between Belfield Hall and Blaine Hall, a distance of about 176 ft. It is planned this building will be 146 ft. long, 2 classrooms and a corridor wide, and 3 stories high, opening to the east to a building about 20 ft. by 90 ft., 1½ stories high, which would become an auditorium, and for the summer session an overflow of the library reading room.

On the first floor would be located a library for 150 persons, say 45 ft. east and west by 50 ft. north and south. At the north and south ends of the building will be classrooms of the standard size, say 22 ft. wide, a 10 ft. corridor and hall space, and over all a width of 61 ft. for the building.

cont'd
It is proposed to publish a report which will give a complete picture of the condition of the Department of Agriculture and its operations for the past year. The report will cover the operations of the Department in the following fields:

- **Agriculture and Forestry**
- **Animal Industry**
- **Fisheries**
- **Irrigation and Water Supply**
- **Soil Conservation and Land Reclamation**
- **Marketing**

The report will also include an analysis of the financial aspects of the Department's operations. The budget for the coming year will be proposed and discussed in detail. The report will be submitted for consideration at the First General Assembly of the Department. Any comments or suggestions from the members of the Assembly will be taken into account in the final version of the report.

The report will be made available to the public on the first day of next month. It is expected that the report will provide valuable insights into the workings of the Department and will be of great interest to all those concerned with agricultural matters.
On the first floor would be the main graduate reading room and class rooms.
On the second floor above would be largely small offices devoted to the graduate research, and on the third floor would be lavatories and offices for the staff.
The auditorium adjoining to the east should provide about 800 seats (to accommodate the high school chapel exercises for an enrollment of 700), having a stage at the east end fitted for dramatics, and having a sloping floor with folding tablet arm seats. This auditorium should have a lobby at the east end joining the main library, so that the readers in the summer season can draw books from the first floor library and go into the auditorium seats for reading. The auditorium to be entered at the first floor level from the back.
Assuming a basement height of 11 ft; the next two floors, 13 ft., and the third floor 12 ft., to a suspended and an average roof height of 30 ft., this would give a building as follows:

cont'd
On the third floor you will find the main entrance.

Teaching room and office rooms.

On the second floor you will find the following to note:
- Many offices located to the west
- Several and in the sixth floor there are
- Offices and offices for the faculty.

The university maintains a free of charge
practice space for 900 seats (in accordance
with the schedule) for academic staff
and for students attending the university.

Faculty members can approach the
university administration office at any
quarter of the day and receive
the necessary information.

You can have a copy of the yearbook
and the university's magazine.

If you have any questions, you can
visit the information counter.

The university offers a variety of
activities at the third floor level.

Access to a concert hall can be found
in the second floor to the right.

In addition to the main entrance,
the university has a parking area.
EXTENSION PROGRAM
SCHOOL OF EDUCATION

VOLUME:
GRADUATE SCHOOL

146 x 61 x 60 = 534,360 cu. ft.

Auditorium

8000 x 30 = 240,000 774,360

Assuming 80¢ per cu. ft. for a fireproof building similar to Blaine Hall, this would be --

774,360 x 80¢ = $619,488.

[Hand-drawn diagram of a building plan with labels for various rooms and dimensions]
Verification

remainder

146 x 61 x 60 = 384,690 cm.$^{3}$

And further:

200 x 60 = 12,000 cm.$^{3}$

Assembling 800 box on 52 for a total of

 batches to plane hull above water

Po

474,600 x 50 =