

**STATEMENT OF THE PROGRESS
AND CONDITION OF THE
UNIVERSITY OF CALIFORNIA:
PREPARED BY REQUEST OF THE
REGENTS OF THE UNIVERSITY**

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Statement of the Progress and Condition of the University of California: Prepared by request of the Regents of the university by Various

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VARIOUS

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PROGRESS AND CONDITION

OF THE

UNIVERSITY OF CALIFORNIA.

PREPARED BY REQUEST OF THE REGENTS OF THE UNIVERSITY,

BY DANIEL C. GILMAN, PRESIDENT.

BERKELEY:

1875.

STATEMENT.

BERKELEY (NEAR OAKLAND), March 23d, 1875.

TO THE BOARD OF REGENTS, UNIVERSITY OF CALIFORNIA:

GENTLEMEN—In resigning the office of President of the University of California, I beg leave to submit a statement of the progress of the University during my connection with it.

1. The personal changes which have occurred during the past two years and a half are numerous.

My revered predecessor, Dr. Henry Durant, after a long life devoted to the public service, was removed by death January 22d, 1875. The tributes which have been paid to his character are already so ample, that here it is only necessary to place on record our grateful appreciation of his wisdom, his devotion, and his success in keeping alive the idea of a university in California, and in laboring for its foundation with untiring industry. It is a cause of regret that he has left behind him so little, in print or in manuscript, which will explain to those who come after him the peculiar difficulties and trials which he encountered. Some anecdotes noted down by a short-hand writer one evening at the request of a friend, as Dr. Durant related them, have been preserved in illustration of his experience, and his associates have told in various ways the story of his life; but his fame will depend on the place he has won in the roll of those who helped to found the institutions of California.

2. Hon. Edward Tompkins, a member of the Board of Regents and State Senator from Alameda County, died Novem-

ber 14th, 1872. He had been one of the most constant and efficient friends of the University, from the time of its organization, and the Regents placed on their records soon after his death a full expression of their respect and gratitude. Rev. Dr. Stebbins presented the following minute, which was adopted by the Board:

"The Board of Regents hereby place on record their high appreciation of the services and character of their late associate, the Honorable Edward Tompkins, who, at the time of his death, was a State Senator for Alameda County, and an elected member of this Board.

"He was a native of Oneida County, New York; a graduate of Union College; a successful member of the bar, first in his native State and then in California; a student of literary and philosophical subjects; an earnest advocate of the higher education, and the generous promoter of all good undertakings in the community where he dwelt.

"He became a member of this Board in 1868, and served on the Committee on Instruction. His residence in Oakland and the comparative leisure of his late days enabled him to devote much time and thought to the internal affairs of the University, and to present its claims with an intelligent appreciation of details whenever there was occasion. Although suffering with an illness which proved to be mortal, he came from a sick bed to preside and speak at the inauguration of the President of the University on the 7th of November last, and on the 14th of November, at the age of fifty-seven years, laid down his life in the hope of the life to come.

"As the Public Orator of the University in many academic assemblies, as the Counselor on whom the Academic Senate and the Board of Regents were accustomed to rely, as the Legislator by whose persistent advocacy a building fund was secured, and as a benefactor by whose munificence a professorship has been founded for instruction in Chinese and Japanese, he will through all time be gratefully remembered in the annals of this University, while his virtuous private life and his devotion to the public good deserve the tribute of affectionate respect from all who were associated with him."

3. The presidency of the Board of Regents, which devolves by law upon the Governor of the State, was transferred in February, 1875, from Hon. Newton Booth (then U. S. Senator-elect), to Hon. Romualdo Pacheco (then Lieutenant-governor).

The office of Secretary, held by Mr. Andrew J. Moulder from an early period in the life of the University, was given up by him in January, 1874. Its duties were temporarily discharged by Mr. J. West Martin, one of the Board of Regents, until April, 1874, when Mr. R. E. C. Stearns was appointed to the place. The duties of this office

are exceedingly complex and difficult, and the University has been fortunate in having such incumbents of the post. Their devotion to the public welfare, their versatility, and their integrity have contributed largely to the prosperity of the institution.

The office of Land Agent was vacated by the death of the incumbent in 1874, and its duties were temporarily assigned to the Secretary, but there were serious difficulties in this arrangement, and it was given up. Mr. J. W. Shanklin was subsequently appointed Land Agent.

4. Among all the administrative offices of the Board, but one has remained unchanged: that of the Treasurer. The office has been filled from the beginning by W. C. Ralston, Esq., and to his energy and liberality the University is indebted for its good credit, and for the promptness with which its obligations are paid. Those who are familiar with new institutions elsewhere, of uncertain resources, can best appreciate the services of a treasurer so able and so willing.

5. The changes in the Board of Regents have been as follows, from November, 1872, to March, 1875 :

RESIGNATIONS, ETC.

EDWARD TOMPKINS.....	Died Nov. 14th, 1872.
S. F. BUTTERWORTH.....	Resigned.
RICHARD P. HAMMOND.....	Resigned.
CHARLES F. REED.....	Term expired.
T. B. SHANNON.....	Term expired.
JOHN W. DWINELLE.....	Resigned.
SAMUEL MERRITT.....	Resigned.
NEWTON BOOTH.....	Resigned as Governor.

ACCESSIONS TO OFFICE:

HENRY H. HAIGHT.....	By election of the Regents.
J. W. WINANS.....	By appointment of the Governor.
R. S. CARRY.....	As Pres. State Agricultural Society.
M. M. ESTEE.....	As Speaker of the Assembly.
D. C. GILMAN.....	As President of the University.
J. M. HAMILTON.....	By appointment of the Governor.
D. O. MILLS.....	By appointment of the Governor.
WILLIAM MEKE.....	By appointment of the Governor.
WILLIAM LEWIN.....	As Lieutenant-Governor.

6. There have also been changes in the staff of teachers. The resignation of Professor Swinton, Professor of English

Literature and History, was accepted March 3d, 1874. He had previously requested a leave of absence, which had been refused by the Regents. His resignation was followed by the publication of a pamphlet in which his views on the subject of agricultural education were set forth.

The resignation of Dr. E. S. Carr, Professor of Agriculture, was requested by the Regents in July, 1874, and when the request was not complied with, he was removed from office for reasons which were briefly stated. He also published a pamphlet containing animadversions on the action of the Regents, and particularly in respect to their management of the "Agricultural Department." His removal caused a remonstrance on the part of the "Patrons of Husbandry," or Grangers, and the "Mechanics' Deliberative Assembly," which was answered by the Board of Regents in a brief communication.

7. In the summer of 1873, Professor Samuel Jones, Professor of Military Science, etc., was called away to become President of the Maryland College of Agriculture. His resignation was accepted with reluctance, and the thanks of the Board of Regents were formally voted to him for his able and efficient services.

Two instructors of modern languages, Mr. Julius Grossman and Mr. Manuel M. Corella, have also resigned, the latter having finished a course of special studies in the University and returned to Mexico.

8. The vacancies thus created have all been filled, and there have been other important additions to the corps of instructors. The names and departments of instruction of those who have been appointed since November, 1872, are as follows :

PROFESSORS.

Agriculture.....	EUGENE W. HILGARD.
Mining.....	WILLIAM ASHBURNER.
Industrial Mechanics.....	FREDERICK G. HESSE.
English.....	EDWARD R. SILL.
Military Science, etc.....	SAMUEL JONES.

LECTURERS.

Metallurgy.....	GEORGE F. BECKER.
Economic Botany.....	C. E. BESSEY.
Stock Breeding.....	WILLIAM H. BREWER.

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INSTRUCTORS.

Industrial Drawing.....	JOHN D. HOFFMANN.
Spanish	CHARLES F. GOMPERTZ.
German	ALBIN PUTZKER.
French.....	G. DE KERSAINT-GILY.

ASSISTANTS.

Mathematics.....	GEORGE C. EDWARDS.
Mathematics	LEANDER L. HAWKINS.
Classics	ARTHUR H. ALLEN.
Classics	AMBROSE C. RICHARDSON.
Chemistry.....	F. SLATE, JR.
Chemistry	JOHN D. STILLMAN.
Chemistry	SAMUEL B. CHRISTY.
Mineralogy.....	A. WENDELL JACKSON.
English	JOSEPH C. ROWELL.
English.....	THOMAS F. BARRY.
Mechanics.....	EDWARD A. PARKER.

OTHER OFFICERS.

Superintendent of the Grounds.....	R. E. C. STEARNS.
Landscape Engineer.....	W. HAMMOND HALL.
Gardener.....	JOHN ELLIS.
Curator of the Mineralogical Collections, etc.....	HENRY G. HANES.
Foreman of the Printing Office.....	A. WHITTON.
Student Manager	L. A. JORDAN.

9. The Chair of Agriculture has been filled by the appointment of Professor Eugene W. Hilgard, Ph. D., formerly of the College of Agriculture and Mechanic Arts in the University of Mississippi, and recently of the University of Michigan. While in Mississippi he had charge of the Geological and Agricultural Survey of the State. Mr. Hilgard's eminence as a man of science, his skill in applying his knowledge to agriculture and other industrial pursuits, and his long experience as a teacher, have qualified him in an uncommon degree to discharge with satisfaction the difficult duties devolved upon him. He is well known for the attention which he has given to the analysis of soils, and for the light he has thus thrown upon some of the most intricate problems in agricultural science. He came to Berkeley in the autumn of 1874, and delivered there two courses of lectures; one upon the General Principles of Agriculture (particularly upon the chemistry of soils) and the other on the Chemistry

of Household Life. The impression which he made by these lectures was so good that he was unanimously appointed permanent professor, and he is now about to enter upon his duties among us.

10. The Chair of Mining has been filled by the appointment of Mr. William Ashburner, mining engineer, of San Francisco, who will direct his attention to the organization of the College of Mines, as fast as the funds are provided for this purpose. Mr. Ashburner, having received a technical and scientific education in the East and in Europe, came early to the Pacific Coast, and was for a time engaged upon the Geological Survey of California. He has had ample opportunities for becoming acquainted with the mining industries of this and other countries, and he has already made his influence felt for good upon the students of this University. In entering upon his professorship, he delivered an introductory lecture on the Profession of Mining Engineering, which has been printed.

11. A Chair of Industrial Mechanics was instituted by the Board in the autumn of 1874, and was subsequently filled by the appointment of Mr. Frederick G. Hesse, of Oakland. Mr. Hesse was trained in a German polytechnic school, and was early engaged as a teacher in Brown University. He subsequently held a scientific appointment under the United States Government, but has resided for the last few years in Oakland, engaged in mechanical occupations, especially in the invention and improvement of some ingenious mechanical contrivances. It is rare to find a man qualified to fill the duties of a Chair of Industrial Mechanics, both by his scientific attainments, and by practical knowledge acquired in the shop, but Mr. Hesse is such a man. Upon assuming the duties of his post, he delivered a lecture on the Profession of Mechanical Engineering, which will be printed. He is now engaged in devising implements by which a thorough examination may be made of the strength of the timbers of the Pacific Coast, to which reference will be made in a later portion of this report.

12. The professorship of English was filled by the ap-