

**STANFORD UNIVERSITY BULLETIN**

**SIXTH SERIES, No. 74**

**DECEMBER 31, 1938**

**ANNUAL REPORT OF THE PRESIDENT  
OF STANFORD UNIVERSITY**

**FOR THE FORTY-SEVENTH ACADEMIC YEAR  
ENDING AUGUST 31, 1938**

**THIS BEING THE THIRTY-FIFTH REPORT SUBMITTED, TO  
WHICH ARE APPENDED ANNUAL REPORTS OF THE  
COMPTROLLER, DEPARTMENTS, COMMITTEES,  
AND PUBLICATIONS OF THE FACULTY**

**STANFORD UNIVERSITY, CALIFORNIA  
PUBLISHED BY THE UNIVERSITY  
1938**

## STUDENTS

## ATTENDANCE

The total number of students registered for the year 1937-38 was 5,103, an increase of 226 over that of the preceding year. There was an increase of 55 in the number of new students entering the University. The number of degrees granted was 1,144, as against 1,128 last year. Of these, 324 were advanced degrees. The following table gives a summary of the enrolment in schools and departments:

Biological Sciences, School of .....	92	Romanic Languages .....	
Anatomy .....	7	French .....	41
Bacteriology .....	14	Spanish .....	45
Basic Medical Sciences .....	190	Lower Division (including 8 special students) .....	1,761
Physiology .....	8	Medicine, School of .....	208
Business, Graduate School of .....	195	Basic Medical Sciences ( <i>see</i> School of Biological Sciences) .....	(28)
Education, School of .....		Nursing .....	3
Education .....	549	Physical Sciences, School of .....	2
Graphic Art .....	34	Chemistry .....	116
Physical Education .....	30	Geology .....	51
Engineering, School of .....	168	Mathematics .....	24
Civil .....	20	Physics .....	19
Electrical .....	29	Social Sciences, School of .....	325
Mechanical .....	18	Economics .....	252
Mining .....	19	Accountancy .....	12
Hygiene and Physical Education ( <i>see</i> School of Education) .....	(30)	Sociology .....	1
Law, School of .....	167	History .....	160
Pre-Legal .....	15	Journalism .....	42
Letters, School of .....	13	Philosophy .....	14
Classics .....	7	Political Science .....	151
English .....	117	Psychology .....	54
Speech and Drama .....	68	Sociology .....	41
Germanic Languages .....	21		
		Total .....	5,103

## ENROLMENT TRENDS

Since the opening of Stanford in 1891 the enrolment of the University has grown from 559 to 5,103. In terms of students enrolled the institution is now approximately nine times its original size. Gradual growth over a period of twenty-five years produced a total of 2,221 in 1916-17, just before the war years. Following a one-year decrease, the next eleven years of relatively rapid growth raised the total in 1928-29 to 4,674, over twice the pre-war maximum. The "depression" brought a decrease to 3,858 in 1932-33, which, in turn, has been followed by renewed growth to the highest total as reached in 1937-38.

To indicate the trends, Table I gives the enrolments and pro-

of the Emotions to the Mental Hygiene of the Child"; \$300.00 for Fellowship in Psychology, 1938-39.

National Research Council, Committee for Research in Problems of Sex, Washington, D.C., \$800.00 for Professor C. P. Stone's research on the psychobiology of sex in man and other mammals, and a grant of \$1,100.00 for 1938-39 (\$620.00 received); \$2,450.00 for Professor L. M. Terman's research on psychobiological characteristics of sex, and a grant of \$2,600.00 for 1938-39 (\$675.00 received).

National Research Council, "National Intelligence Tests, 1921," \$300.00 for Dr. Quinn McNemar's study of individual Binet tests; grant of \$300.00 from "Research Aid Fund" for 1938-39.

#### JOURNALISM

Mr. Clarence R. Lindner, San Francisco, 105 volumes and pamphlets.

#### FOOD RESEARCH INSTITUTE

Canned Salmon Industry, \$3,000.00 for survey of spoilage in canned fish, under the direction of Dr. C. L. Alsberg.

#### COMMITTEE ON PUBLIC EXERCISES

Contributions, from the following, totaling \$350.00 to cover cost of presentation of Ernst Bloch's *Sabbath Service*: John C. Altman, Paul Bissinger, Harry Camp, Lloyd Dinkelspiel, Mortimer Fleishhacker, Jr., A. S. Glikbarg, Mrs. M. A. Gunst, Mrs. A. Haas, Mrs. E. S. Heller, George L. Levison, Mrs. J. B. Levison, Robert M. Levison, Leon G. Levy, Mrs. J. W. Lilienthal, Jr., Philip N. Lilienthal, Jr., A. J. Schragge, Leon Sloss, Jr., Louis Sloss, Mrs. John I. Walter, J. D. Zellerbach.

Stanford Alumni Association, \$300.00 for honorarium of Assembly speaker.

The departmental and other special reports follow.

Respectfully submitted,

RAY LYMAN WILBUR, *President*

November 30, 1938

## SCHEDULE I—Continued

## ANALYSIS OF EXPENDITURES, YEAR ENDED AUGUST 31, 1938

INSTRUCTION AND RESEARCH, SCHOOLS AND DEPARTMENTS (Continued)	Total	Expense	Equipment to Capital
<b>School of Social Sciences</b>			
History .....	\$ 75,468.29	\$ 75,330.62	\$ 3,137.67
Economics .....	69,949.94	69,489.54	460.40
Political Science .....	32,037.39	31,588.01	449.38
Journalism .....	15,782.20	15,471.20	311.00
Philosophy .....	13,151.43	13,126.16	25.27
Psychology .....	42,778.19	42,626.06	152.13
Introduction to Social Problems.....	662.96	361.28	301.68
<b>Total</b> .....	<b>\$252,830.40</b>	<b>\$247,992.87</b>	<b>\$ 4,837.53</b>
<b>School of Physical Sciences</b>			
Physical Sciences, Book Fund and Expense...	\$ 1,238.90	\$ 1,238.90	.....
Geology .....	46,034.11	44,295.98	\$ 1,738.13
Mathematics .....	34,884.90	34,109.49	775.41
Physics .....	47,576.65	47,383.41	193.24
Chemistry .....	92,177.26	89,862.09	2,315.17
<b>Total</b> .....	<b>\$ 221,911.82</b>	<b>\$ 216,889.87</b>	<b>\$ 5,021.95</b>
<b>School of Fine Arts</b> .....	<b>\$ 55,297.79</b>	<b>\$ 55,066.33</b>	<b>\$ 231.46</b>
<b>Food Research Institute</b> .....	<b>\$ 53,494.09</b>	<b>\$ 53,212.05</b>	<b>\$ 282.04</b>
<b>Endowment Lecture Funds</b> .....	<b>\$ 976.67</b>	<b>\$ 976.67</b>	<b>.....</b>
<b>Special Contributions for Specific Research</b>			
Physiology .....	\$ 1,418.28	\$ 1,418.28	.....
Anatomy .....	1,538.80	1,538.80	.....
Education .....	38,344.21	37,087.58	\$ 1,256.63
Psychology .....	6,851.52	6,786.01	65.51
Chemistry .....	3,130.29	2,798.64	331.65
Mechanical Engineering .....	22,767.33	21,781.89	985.44
History .....	20,605.57	20,605.57	.....
Economics .....	1,154.71	1,154.71	.....
Biology .....	13,110.51	12,505.08	605.43
Food Research .....	2,783.70	2,783.70	.....
Political Science .....	1,132.16	1,132.16	.....
Law .....	3,602.16	3,602.16	.....
School of Business Administration.....	14,190.07	14,190.07	.....
Mining Engineering .....	30.15	30.15	.....
Bacteriology .....	16,768.65	16,148.49	620.16
Physics .....	10,629.55	10,269.60	359.95
Physical Education .....	465.41	465.41	.....
Friends of Music .....	6,016.23	6,016.23	.....
Hoover War Library.....	12,677.03	12,627.33	49.70
<b>Total</b> .....	<b>\$ 177,216.33</b>	<b>\$ 172,941.86</b>	<b>\$ 4,274.47</b>
<b>Total Instruction and Research</b> .....	<b>\$1,837,556.19</b>	<b>\$1,813,413.74</b>	<b>\$ 24,142.45</b>

## SCHOOL OF SOCIAL SCIENCES

The Executive Committee of the School of Social Sciences consisted of Harold Chapman Brown, Philip W. Buck (secretary), Chilton Rowlette Bush, Edwin Angell Cottrell (chairman), Bernard Francis Haley, Charles Nathan Reynolds (adviser of students), Edward Kellogg Strong, and Payson Jackson Treat. Mr. Brand acted on the committee in Mr. Treat's absence during the autumn quarter. During Mr. Cottrell's absence, Mr. Haley was acting chairman in the autumn quarter, and Mr. Reynolds in the summer quarter, respectively.

During the year, 380 students were registered as majors in the School, of whom 9 were graduate students. This total is a very slight increase over the number of major students in 1936-37. The Bachelor of Arts degree was granted to 158 students, of whom 4 graduated with great distinction and 16 with distinction. One graduating student had been registered under the Independent Study Plan. For information regarding the divisions of Journalism and Sociology, please refer to their individual reports, which will be found below.

Three courses were offered during the year under the auspices of the School. In the autumn quarter two students were registered for "The Economics of Public Health and Medical Care," in which they worked in the materials in the Ray Lyman Wilbur Collection on Social Problems, under the direction of President Wilbur and Mrs. Inez Richardson.

In the winter quarter a course entitled "Personal Problems in Modern Society" was offered to a selected group of about fifty seniors. The course was under the direction of a committee of the School, with Miss Anastasia Doyle as administrator. It was decided by the faculty of the School that this course should be continued in the year 1938-39, under the same committee; Miss Doyle will not be able to administer the course next year, and will be replaced by Mr. Joel V. Berreman.

The course, "Introduction to Social Problems," was offered again through the three quarters, with the same staff as the year before. On Mr. Erb's departure in the spring quarter, a committee of the School consisting of Mr. Reynolds, chairman, Mr. Haley, and Mr. Thompson, was appointed to supervise the course. There were 114 students registered in the autumn quarter, 104 in the winter, and 97 in the spring. It is to be continued in the same manner next year.

The Social Science Seminar was carried on during the year, though it was not active in the spring quarter. It was decided to continue it in 1938-39.

The Division of Sociology has drawn up a new set of graduation requirements for its majors. After this year no new students will be accepted under the direction of the Executive Committee of the School; they will now meet the Economics-Sociology requirements instead. The Division of Journalism is also working out new requirements leading to a graduate degree, but for the time being the undergraduate requirements will remain unchanged.

The Food Research Institute was voted a member of the School of Social Sciences at the time of the annual School meeting. The courses offered by members of the Institute are to be included as economics electives for School majors.

## DIVISION OF JOURNALISM

The staff of the Division of Journalism for the year 1937-38 consisted of Chilton R. Bush, professor; Robert W. Desmond (Northwestern University), acting associate professor (spring); Clifford F. Weigle, assistant professor; Berton J. Ballard, acting assistant professor; Walter L. Doty (autumn), James Nute (spring), Richard A. Russell (autumn and spring), and Neal Van Sooy (winter), lecturers.

Class enrolment, exclusive of practice courses, was 541. The number of majors was 42. Nineteen received the Bachelor's degree at the annual Commencement, and one the Master's degree. Forty-five per cent of those graduated were registered from outside the state of California.

During the year 1937-38 the newspapers encountered severe economic conditions, costs being advanced in payroll, newsprint, and taxes, with drastic reductions in advertising revenue. This situation resulted in several suspensions of metropolitan newspapers and reduced editorial staffs universally. Despite these conditions, however, Stanford men were in demand for editorial positions, all men having positions on daily newspapers or press associations by the end of the summer of 1937. Likewise, at the end of August 1938, only two men of the 1938 class did not have positions.

In November the Stanford Chapter of Sigma Delta Chi, professional journalism society, was awarded the Kenneth C. Hogate Professional Achievement Award, which is given annually to the chapter which has the largest percentage of its members employed in newspaper work during the past five years; this award was won in competition with forty-two other chapters. While the award did not take into account qualitative conditions, it was a source of gratification that all Stanford men, except a few publishers of weekly newspapers, were employed either on daily newspapers or by press associations. This situation contrasts strongly with the general situation. It was also gratifying to note the numerous promotions of recent graduates.

The division during the year sponsored four conferences on the campus. The California Newspaper Publishers Association met in September. In June the division sponsored the first Editorial Conference of the Association. The editors voted to meet annually at Stanford and appointed Mr. Bush chairman of the 1939 Program Committee. The feature of this meeting which most pleased the editors was the participation of several faculty members who supplied data for the formulation of editorial policies.

The division, in October, was host to the fourteenth annual convention of the Central California Scholastic Press Association, and, in January, sponsored a meeting of junior college teachers of journalistic writing.

Mr. Bush during the year served on three research bodies, viz., the National Council on Research of the American Association of Schools and Departments of Journalism, the National Research Committee of Sigma Delta Chi, and a research committee of the Institute of Pacific Relations.

At the annual meeting of the Association of Schools and Departments of Journalism, Mr. Bush conducted a round table discussion on professional newspaper associations. He addressed the Advertising Managers Association in San Francisco in September and the Stanford Editorial Conference in

June. With Mr. Weigle, he participated in a regional meeting of teachers of journalism at the University of Oregon in November. Mr. Bush was director of publicity in the autumn, winter, and spring quarters, and assisted the program of Stanford Associates and the Stanford Fund throughout the year. He again served on the special Committee on Degrees. During the year he completed a revision and enlargement of his *Newspaper Reporting of Public Affairs*.

Mr. Weigle was acting director of publicity in the summer and was chairman of the University Radio Committee during the latter part of the year. He was in charge of the Central California Scholastic Press Association convention. In June he addressed the Stanford Editorial Conference and gave the Commencement address to the San Mateo Union High School. In collaboration with Mr. Bush, he was engaged during the year in the preparation of a textbook for junior colleges.

Mr. Ballard devoted half of his time to publicity work in the autumn and spring quarters, and in the winter was on the editorial staff of the *Fresno Bee*.

Mr. Van Sooy was elected second vice-president of the California Newspaper Publishers Association, the election putting him in customary line for the presidency in 1940.

Mr. Russell in the winter quarter directed a class project in co-operation with Safeway Stores, Incorporated, which was widely publicized in leading trade journals.

Dr. Desmond, of the *Christian Science Monitor*, Boston, a visiting associate professor in the spring quarter, was appointed to a professorship in the Medill School of Journalism at Northwestern University.

The division announced during the year the new curriculum which looks toward the substitution of the Master's degree for the Bachelor's degree as the standard of preparation for journalism. Without increasing the amount of technical course work, the plan requires the completion of five different fields in the social sciences, thus supplying the student with a degree of specialization. Inquiries received during the year forecast the enrolment in 1938-39 of a considerable number of candidates for the degree, chiefly Stanford graduates of previous years who have demonstrated in practical newspaper experience their aptitude for journalism.

CHILTON R. BUSH  
*Professor of Journalism*



TABLE IX (*Continued*)

Ph.D. M.D. LL.M. LL.B. Ed.D. Engr. Ed.M. M.B.A. A.M. A.B.

School of Physical Sci-									
ences .. .. .	..	..	..	..	..	..	..	..	1
Chemistry .. . . .	2	..	..	..	..	..	..	10	31
Geology .. . . .	1	..	..	..	..	..	..	1	7
Mathematics .. . . .	..	..	..	..	..	..	..	3	6
School of Social Sci-									
ences .. . . .	..	..	..	..	..	..	..	..	158
Economics .. . . .	..	..	..	..	..	..	..	..	111
Economics: Account-									
ancy .. . . .	..	..	..	..	..	..	..	..	11
Economics: Sociology ..	..	..	..	..	..	..	..	..	1
History .. . . .	3	..	..	..	..	..	..	6	52
Journalism .. . . .	..	..	..	..	..	..	..	1	19
Philosophy .. . . .	..	..	..	..	..	..	..	2	7
Political Science .. . .	1	..	..	..	..	..	..	9	75
Psychology .. . . .	1	..	..	..	..	..	..	3	15
Sociology .. . . .	1	..	..	..	..	..	..	1	18
Total .. . . .	23	63	1	32	6	25	1	66	107
									820

TABLE X

SUMMARY OF DEGREES GRANTED, 1937-38

	October	January	April	June	Total	Men	Women
Bachelor of Arts .. . . .	65	57	56	642	820	548	272
Master of Arts .. . . .	49	9	6	43	107	67	40
Master of Business Administration	4	1	15	46	66	66	..
Master of Education .. . . .	1	..	..	..	1	..	1
Engineer .. . . .	..	3	4	18	25	25	..
Doctor of Education .. . . .	3	1	..	2	6	5	1
Bachelor of Laws .. . . .	1	1	9	21	32	31	1
Master of Laws .. . . .	..	..	..	1	1	1	..
Doctor of Medicine .. . . .	..	..	..	63	63	61	2
Doctor of Philosophy .. . . .	6	2	3	12	23	19	4
Total .. . . .	129	74	93	848	1,144	823	321

JOHN PEARCE MITCHELL, *Registrar*

## MAXWELL SAVELLE:

*Review of:* Bemis, S. F. A diplomatic history of the United States. 1936: *Political science quarterly*, vol. 53, p. 146-148, March, 1938.

*Review of:* Foreman, Grant. The adventures of James Collier, first collector of the port of San Francisco. 1937: *Pacific historical review*, vol. 6, p. 384-385, December, 1937.

## HAROLD WHITMAN BRADLEY:

*Review of:* Bienstock, Gregory. The struggle for the Pacific. 1937: *Pacific historical review*, vol. 6, p. 372-373, December, 1937.

## LYNN T. WHITE:

Latin monasticism in Norman Sicily. Cambridge, Mass. Medieval academy of America. 1938. 337 p.

*Review of:* Baldwin, S. Business in the middle ages. 1937: *American academy of political and social sciences. Annals*, vol. 193, p. 192, September, 1937.

*Review of:* Van Cleve, T. C. Markward of Anweiler and the Sicilian regency. 1937: *American historical review*, vol. 43, p. 681-682, April, 1938.

## ALBERT RUSSELL BUCHANAN:

Theodore Roosevelt and American neutrality, 1914-1917: *American historical review*, vol. 43, p. 775-790, July, 1938.

## HENRY MILLER MADDEN:

National and international developments in Europe since 1925. Stanford university press. 1938. 28 p.

*Review of:* Corti, Count Egon Caesar. Unter Zaren und gekrönten Frauen: *Books abroad*, vol. 12, p. 80-81, Winter, 1938.

*Review of:* Harris, David. A diplomatic history of the Balkan crisis of 1875-1878: the first year. (Hoover war library publications no. 11, 1936): *Szádok*, vol. 71, p. 382-383, September-October, 1937.

## JOURNALISM

## CHILTON ROWLETTE BUSH:

*Review of:* Carlson, Oliver. Brisbane, a candid biography. 1937: *Journalism quarterly*, vol. 15, p. 52-53, March, 1938.

*Review of:* Lee, A. M. The daily newspaper in America. 1937: *Ibid.*, vol. 14, p. 270-271, September, 1937.

*Review of:* MacDougall, C. D. Interpretative reporting. 1938: *Public opinion quarterly*, vol. 2, p. 511-512, July, 1938.

*Review of:* Tupper, E., and McReynolds, G. E. Japan in American public opinion. 1937: *Pacific affairs*, vol. 11, p. 394-396, September, 1938.

## CLIFFORD FRANCIS WEIGLE:

California and Idaho press associations pledge support to highway safety campaigns: *Publisher's auxiliary*, vol. 72, p. 1, 5, September 25, 1937.

California newspapers: brief story of the earliest development of state's press: *Western advertising*, vol. 31, p. 64-66, October, 1937.

California's pioneer newspapers: *Pony express courier*, vol. 4, p. 2, 12, October, 1937.

Pioneer newspapers had start with "Californian": *Azusa (Calif.) Herald and pomotropic*, October 20, 1937, p. 30-31.

Want ad value to press freedom cited at meet: *California publisher*, vol. 17, p. 13, 21, October, 1937.

BERTON JOSEPH BALLARD:

An experiment in social science: *Social studies*, vol. 28, p. 359-360, December, 1937.

A grading system for secondary school journalism: *California journal of secondary education*, vol. 13, p. 112-113, February, 1938.

Why the problem teacher: *American school board journal*, vol. 95, p. 31-33, November, 1937.

### PHILOSOPHY

HENRY WALDGRAVE STUART, Emeritus:

Knowledge and self-consciousness. (Annual Howison lecture for 1936, University of California): *Philosophical review*, vol. 46, p. 609-643, November, 1937.

The metaphysic of experience. (Discussion of Patou, H. J. Kant's Metaphysic of experience. 1936): *Ibid.*, vol. 47, p. 420-433, July, 1938.

JOHN ROBERT REID:

A theory of value. New York. Charles Scribner's sons. 1938. 304 p.

### POLITICAL SCIENCE

THOMAS S. BARCLAY:

The split session of the California legislature: *Debate handbook*, vol. 11, 1937/38, vol. 1, p. 127-135.

GRAHAM HENRY STUART:

Europe—1914 and today: *Institute of world affairs. Proceedings*, vol. 15, p. 57-59, 1937.

Foreword: *Student institute of Pacific relations. Proceedings of the 12th annual conference . . . 1937.* p. vii.

Latin America and the United States. Edition 3 revised. New York. D. Appleton-Century company, Inc. [c'22-'38]. 520 p. (*Century political science series*).

The new division of the American republics: *World affairs*, vol. 100, p. 255-256, December, 1937.

United States relations with Latin America: *American yearbook*, 1938, p. 73-78.

Review of: Handbook of Latin American studies, 1936. 1937: *American political science review*, vol. 32, p. 395, April, 1938.

Review of: Knight, M. M. Morocco as a French economic venture; a study of open door imperialism. 1937: *Ibid.*, vol. 32, p. 582-583, June, 1938.