

STANFORD UNIVERSITY BULLETIN

SIXTH SERIES, No. 2

DECEMBER 31, 1934

ANNUAL REPORT OF THE PRESIDENT OF STANFORD UNIVERSITY

FOR THE FORTY-THIRD ACADEMIC YEAR
ENDING AUGUST 31, 1934

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

SCHOOL OF JOURNALISM

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JUN 24 1935

STANFORD UNIVERSITY

STANFORD UNIVERSITY, CALIFORNIA

PUBLISHED BY THE UNIVERSITY

1934

ALLIED INSTITUTIONS

The report of the Comptroller that, in accordance with authorization granted by resolution of the Board on November 9, 1933, a lease was entered into with the United States Department of Agriculture on the 1st day of October, 1933, said lease running to June 30, 1934, with a provision that successive annual renewals be reserved to the Department of Agriculture for successive periods not to exceed twenty years, was approved.

STUDENTS

ATTENDANCE

The total number of students registered for the year 1933-34 was 3,975, an increase of 117 from that of the preceding year. There was an increase of 289 in the number of new students entering the University. The number of degrees granted was 971, as against 1,042 last year. Of these, 359 were advanced degrees. The following table gives a summary of the enrolment in schools and departments:

School of Biological Sciences..	44	Germanic Languages	29
Anatomy	4	Romanic Languages	
Bacteriology	28	French	43
Botany	10	Spanish	46
Physiology	23	Lower Division	1,273
Pre-Medical	70	School of Medicine.....	169
Pre-Nursing	4	Pre-Clinical	39
Zoölogy	34	School of Physical Sciences....	2
Graduate School of Business...	74	Chemistry	107
School of Education		Geology	41
Education	290	Mathematics	38
Graphic Art	12	Physics	19
School of Engineering.....	175	School of Social Sciences.....	183
Civil	20	Economics	263
Electrical	31	Accountancy	14
Mechanical	24	Sociology	28
Mining	7	History	154
School of Hygiene and Physi-		Journalism	37
cal Education	3	Philosophy	19
School of Law	184	Political Science	138
Pre-Legal	23	Psychology	62
School of Letters.....	4	Sociology	8
Classical Literature	21		
English	144	Total	3,975
Public Speaking	34		

FACULTY

ABSENCES

Sabbatical leaves for the academic year 1934-35 have been granted to the following: Lee Emerson Bassett, professor of English (public speaking); Royce Reed Long, professor of physical education and hygiene (autumn quarter); Walter Thompson, professor of political science (one quarter); Joseph Stancliffe Davis, director, Food Research Institute; Holbrook Working, economist, Food Research Institute; Harold Helvenston, assistant professor of English (public speaking), and director of dramatics.

James Gordon Emerson, associate professor of English (public speaking), and James Bernard McNaught, instructor in pathology, were granted leaves of absence for the academic year 1934-35.

RESIGNATIONS

The following members of the instructing and administrative staff resigned during the year or at its close: Bertha Stuart Dymont, medical adviser of women, and director of physical education for women; Dora C. Saunby, professor of nursing; Carl Burton Robbins, associate professor of economics; Harford Holmes Hays and David Lyall Patrick, instructors in English; Isabel H. Dill, instructor in practice of nursing; Sallie Louise Mernin, instructor in nursing, and supervisor of advanced and graduate courses; Kenneth N. Stewart, instructor in journalism; Helen Marshall, instructor in psychology and psychiatry; Francis Price, lecturer in law; Edna L. Goss, bibliographer, Library.

PROMOTIONS

The following promotions take effect with the beginning of the academic year 1934-35: Associate Professors Percy Erwin Davidson (in Education), Raymond Davis Harriman (in Classical Literature), Frederick Anderson (in Romanic Languages), Bernard Francis Haley, Elmer D. Fagan, and Charles Nathan Reynolds (in Economics), to the rank of professor. Assistant Professors Francis William Bergstrom (in Chemistry), James Murray Luck (in Biochemistry), Aaron Clement Waters (in Geology), and Lecturer Harold Henry Fisher (in History), to the rank of associate professor. Acting Assistant Professors Gertrude Hawley and Ruth

Olaf Pitt Jenkins, in Geology (winter); Chester Harvey Rowell, in Political Science (International Relations) (spring). As examining physician, Men Students' Health Service: Gloyd Gage Wetherill (autumn).

NEW APPOINTMENTS

The following have been appointed as members of the faculty beginning with the academic year 1934-35: As professors: Bayard Quincy Morgan, in German; Chilton Rowlette Bush, in Journalism (beginning summer, 1934). As superintendent of nurses: Edith Howard Smith. As director of physical education for women, and medical adviser of women: Dorothy Henderson Heilman. As acting professor: Ellery C. Stowell, in Political Science (autumn). As associate professors: Verna Adeline Carley, in Education; Neils Peter Neilson, in Physical Education and Hygiene (beginning summer, 1934); John F. Bird, Haydon Y. Grubbs, and Leland A. Miller, in Military Science and Tactics; Donald Eliot King, in Surgery (Orthopedics). As acting associate professor: Felix Bloch, in Physics (beginning spring, 1934). As assistant professors: Norris E. Bradbury and William Webster Hansen, in Physics. As acting assistant professors: Walter Vincent Kaulfers and Holland D. Roberts, in Education; Edward Z. Rowell, in English (Public Speaking); John Armstrong Sellards, in Romanic Languages; Robert Balk, in Geology (autumn). As instructors: Kendall Brooks Corbin, in Anatomy; Leona Hadley McCully, in Education; Margaret Barr and Marie Manchec, in Hygiene and Physical Education for Women; E. Bagby Atwood and Virgil Keeble Whitaker, in English; William Murray Timmons, in English (Public Speaking); Angus Wright, in Pathology; Kathleen M. Leahy and Muriel MacDougall, in Nursing; Joel V. Berreman, in Citizenship; Francis E. McIntyre, in Economics; Philip Wallenstein Buck, in Political Science; Albert Walton, in Psychology; Clifford Francis Weigle, in Journalism. As acting instructors: Daniel M. Mendelowitz, in Education (Graphic Art) (autumn and spring); George Darwin Peavy, in Physical Education; Archibald W. Allen, in Classical Literature; Ernest William Talbert and William Wells, in English; Max A. Heaslet, in Mathematics. As research associates: Hans M. Cassel, in Chemistry; E. Wayne Galliher, in Geology. As lecturer: Louis Olsen, in Public Health and Preventive Medicine.

DEATHS

The University was saddened by the loss by death of three members of the faculty.

Everett Wallace Smith, professor of journalism and director of publicity, died at Stanford University on September 24, 1933. The following resolution was adopted by the Academic Council on October 5, 1933:

The Academic Council notes with deep regret the sudden and unexpected death, on September 24, of Professor Everett Wallace Smith.

Professor Smith was born in New Bedford, Massachusetts, in 1876. He graduated from Stanford in 1899, and for seven years did active newspaper work in San Francisco and in New York City. In 1906 he joined the editorial department of the United States Forest Service, by which he was loaned to the Conservation Commission during the presidency of Theodore Roosevelt.

Returning to Stanford in 1910, he was a member of the official family of the University for twenty-three years, except for the period of the World War, when he served as chief of the copy desk in the Food Administration and the American Relief Administration under Herbert Hoover.

Entering Stanford as the Pioneer Class graduated, Professor Smith had the keenest personal interest in the men and women of the University and in everything pertaining to the institution. This gave a unique value to his work, both as director of publicity and as a teacher of journalism.

His simple spirit, his respect for the truth, his high professional ideals, and his fellowship with faculty and students, all combined to make "Evie" a quiet, effective, and wholesome leader.

Be It Resolved, That the Academic Council place on official record its appreciation of the service of Professor Smith, and requests the Academic Secretary to transmit a copy of this resolution to Mrs. Smith.

Henry Anthon Lewis Ryfkogel, clinical professor of surgery, died in San Francisco on June 11, 1934. On October 5, 1934, the Academic Council passed the following resolution:

Henry Anthon Lewis Ryfkogel, clinical professor of surgery, was born in Nova Scotia in 1873, and died in San Francisco on June 11, 1934. He received his medical education at the University of California School of Medicine, where he graduated in 1894. During an active medical life of over forty years, Dr. Ryfkogel was always closely identified with the teaching of students. He served as instructor in anatomy at the University of California until 1898; followed by two years as instructor in clinical pathology. He then served as instructor in the Department of Bacteriology for six years, and as instructor in surgical pathology for one year. At the time of the San Francisco fire he was bacteriologist for the Board of Health and did more than one man's share of work during that great disaster. In 1904 he was made chief of the Polyclinic Service at the San Francisco Hospital, which, in 1919,

Various donors, \$913.00 to establish a loan fund for students in the Law School.

Various donors, \$319.90 to establish the Everett W. Smith Memorial Loan Fund for students in Journalism.

Estate of Agnes Walker, \$12,000.00 to establish the Agnes Walker Scholarship Fund for a woman student in the Medical School.

GIFTS TO THE UNIVERSITY

Grateful acknowledgment is hereby made of the many and valuable gifts which it has been our privilege to receive during the year.

GENERAL

Carnegie Corporation of New York, \$20,000.00 toward support of the Food Research Institute.

Carnegie Corporation of New York, \$5,000.00 toward publication of report on education in Alaska.

Emergency Committee in Aid of Displaced German Scholars, \$2,000.00 received on grant of \$4,000.00.

General Education Board, of New York City, \$7,500.00 for work in the biological sciences.

General Education Board, of New York City, \$22,307.17 for support of a project on independent study.

The Rockefeller Foundation, of New York City, \$51,250.00 for research in the social sciences.

The Rockefeller Foundation, of New York City, \$1,000.00 received on grant of \$4,000.00 for salary of displaced German scholar.

The Rockefeller Foundation, of New York City, grant of \$10,000.00 for Professor C. V. Taylor's research on effects of irradiation.

Alumni University Fund, \$558.54, as follows:

Class of 1927, \$77.04.

Class of 1928, \$120.00.

Class of 1929, \$147.00.

Class of 1930, \$58.00.

Class of 1931, \$59.00.

Class of 1932, \$20.00.

Class of 1933, \$66.50.

Class of 1934, \$11.00.

Mrs. Rosa J. Ross, of Los Angeles, \$108.00 for rent of the W. Herrmann G. Ross Memorial Room in Toyon Hall.

Mrs. Beach Thompson, of Palo Alto, \$150.00 to the Beach Thompson Memorial Gift, for the salary of a secretary to the President of the Associated Women Students.

GEOLOGY

California State Chamber of Commerce, loan of large relief map of the state, formerly on exhibition in the Ferry Building, San Francisco.

Dr. J. Ernhold Hede, of Stockholm, Sweden, collection of Silurian fossils from Gotland.

Idaho Maryland Mines Company, specimen of gold ore, valued at \$120.00.

Mr. H. N. Lowe, of Long Beach, 373 specimens of shells.

MATHEMATICS

Dr. Harold Maile Bacon, of Stanford University, copy of *The Elements of Non-Euclidean Geometry and Trigonometry*, by H. S. Carlslaw.

PHYSICS

National Research Council, Committee on Grants-in-Aid, \$600.00 for Professor P. A. Ross's study of the Compton effect.

SCHOOL OF SOCIAL SCIENCES

HISTORY

Mrs. Meyer Lissner, of Los Angeles, the Meyer Lissner letters and papers for the Borel Collection in California History.

Mr. Arthur B. Saunders, '05, of San Francisco, the original journal of John R. Bell, Captain U.S. Light Artillery, of an expedition "to the foot of the Rocky Mountains, near the head waters of the La Platte and Arkansas rivers, under the command of Major S. H. Long, U.S. Engineer, made during the year 1820."

POLITICAL SCIENCE

Former students, \$869.62, principal and interest, to establish the Victor J. West Memorial Fund, interest to be used annually for purchase of books in the fields of legislation and political parties.

Pi Sigma Alpha, \$89.38 to purchase the *Encyclopaedia of Social Sciences* for the Victor J. West Memorial Library.

DIVISION OF JOURNALISM

Sigma Delta Chi (journalism fraternity), plaque, framed pictures, and books to the value of \$50.00, to the Everett W. Smith Memorial Library.

To establish the Everett W. Smith Memorial Loan Fund for students in Journalism, \$319.90 from the following:

Central California Scholastic Press Association, \$100.00

Alfred Haslacher, \$5.00

R. W. Kenny, \$5.00

Hal Rorke, \$10.00

William Parmer Fuller, Jr., \$25.00

L. W. Dinkelspiel, \$10.00

William and Katherine Wright, \$25.00

Kenneth N. Stewart, \$5.00
Hal R. Terwilliger, \$10.00
John B. Isaacs, \$5.00
Wylie Kilpatrick, \$10.00
Stanford Daily, \$10.00
Stanford Quad, \$15.00
Stanford Chaparral, \$10.00
Mrs. May Hurlburt Smith, \$10.00
Press Club, \$64.90

PSYCHOLOGY

Carnegie Corporation of New York, \$6,000.00 received on grant of \$18,000.00 for Professor E. K. Strong's research in occupational interests.
National Research Council, Sex Research Fund, \$5,200.00 for researches of Professor Terman and Professor Stone, and \$1,100.00 on grant of \$6,500.00 for 1934-35.

The departmental and other special reports follow.

Respectfully submitted,

RAY LYMAN WILBUR, *President*

December 1, 1934

SCHEDULE I—Continued

ANALYSIS OF EXPENDITURES, YEAR ENDED AUGUST 31, 1934

INSTRUCTION AND RESEARCH, SCHOOLS AND DEPARTMENTS (Continued)	Total	Expense	Equipment to Capital
School of Law	\$ 77,254.98	\$ 77,254.98
School of Business Administration.....	\$ 56,404.18	\$ 55,616.50	\$ 787.68
School of Education	\$ 64,958.52	\$ 64,264.36	\$ 694.16
Journalism	\$ 10,460.00	\$ 10,447.08	\$ 12.97
Engineering Group			
Dean's Office	\$ 2,131.02	\$ 2,075.54	\$ 55.48
Civil Engineering	44,230.82	43,855.30	375.52
Electrical Engineering	25,711.85	24,804.25	907.60
Mechanical Engineering	50,872.96	50,028.99	843.97
Military Tactics and Science.....	5,824.82	5,671.07	153.75
Mining and Metallurgy	30,914.70	29,664.66	1,250.04
Geology	37,055.54	36,631.93	423.61
Total	\$ 196,741.71	\$ 192,731.74	\$ 4,009.97
Biological Group			
Bacteriology	\$ 29,377.01	\$ 29,104.56	\$ 272.45
Bacteriophage Research	2,083.83	2,083.83
Botany	21,826.41	21,655.68	170.73
Biology	19,741.69	19,010.67	731.02
Hopkins Marine Station, Pacific Grove.....	22,668.23	22,296.03	372.20
Zoology	29,771.17	29,764.17	7.00
Natural Sciences Museum	6,377.02	6,377.02
Anatomy	40,186.63	40,113.14	73.49
Physiology	28,225.36	28,049.88	175.48
Total	\$ 200,257.35	\$ 198,454.98	\$ 1,802.37
Languages, Ancient and Modern			
English	\$ 55,550.55	\$ 55,293.45	\$ 257.10
German	22,428.71	22,310.85	117.86
Classical Literature	19,007.02	18,997.45	9.57
Public Speaking	21,481.18	21,426.90	54.28
Romanic	32,902.31	32,900.53	1.78
Slavic	3,891.41	3,891.41
Total	\$ 155,261.18	\$ 154,820.59	\$ 440.59
History, Economics, and Political Science			
History	\$ 54,502.72	\$ 53,956.44	\$ 546.28
Economics	59,677.27	59,494.72	182.55
Political Science	26,859.68	26,859.68
Citizenship	15,192.90	14,865.20	327.70
Total	\$ 156,232.57	\$ 155,176.04	\$ 1,066.53

Three researches by Dr. Hilgard were published in professional journals and another was accepted for publication. Reports of research were given before the psychology seminar of the University of California and before the Science Association of the Stanford faculty.

Under the direction of Dr. Hilgard, and with the technical assistance of Dr. Walton, the following additions have been made to the laboratory equipment: A Dodge pendulum-photochronograph, a new galvanometric apparatus for studying electrical phenomena of the skin, an automatic memory-drum of modified McGeoch pattern, and several stimulating and recording devices for the study of motor processes. A Hull recorder for suggestion experiments and a modified oscillogram were developed by Mr. Berreman.

Mr. William Danner, under the direction of Dr. Terman and with the technical assistance of Dr. Walton, inaugurated an extensive study of eye movements in relation to speed of reading, and of the improbability of slow readers.

At the end of the year, and after eight years of valuable service, Miss Marshall resigned her position as instructor in psychology to accept an appointment as psychologist with the Samuel Fels Foundation at Antioch College.

Dr. McNemar was absent on leave during the year while holding a social science research fellowship. He devoted the year to advanced study at Columbia University, Chicago University, and the University of Michigan in the field of mathematical statistics.

Grateful acknowledgment is made of the valuable co-operation of Dr. Victor Hall and other members of the physiology faculty in connection with a number of researches, particularly those of Mrs. Ruth Storey and Miss Dorothy Katzin.

LEWIS MADISON TERMAN

Professor of Psychology

DIVISION OF JOURNALISM

The staff of the Division of Journalism consisted of Chilton R. Bush, professor; Buford O. Brown, associate professor; and Kenneth N. Stewart, instructor. Professor Bush, formerly at the University of Wisconsin, was appointed to succeed the late Everett W. Smith, and began his duties with the opening of the summer quarter.

Professor Brown attended the meeting of the American Association of Schools and Departments of Journalism, and served on its Auditing Committee. He is also a member of the Research Committee of this body, is a member of its Council on Education for Journalism, and is a member of the Executive Committee of the American Association of Teachers of Journalism. During the year he contributed articles concerning newspaper publication to various technical publications.

Mr. Stewart resigned in August to become associate editor of the *Literary Digest*.

During the autumn quarter the division was host to the annual meeting of the Central California Scholastic Press Association.

In the winter quarter practical work for two classes took the form of a mock trial. The class in Law for the Journalist worked out the legal details and acted as defendant, lawyers, and witnesses; while members of the class in News Writing reported the trial. Robert Cathcart, Law School graduate, acted as judge. In addition to reporting routine public affairs, such as City Council meetings, the advanced class in News Writing covered a murder trial in Redwood City.

During the spring quarter journalism students organized a staff under supervision of an instructor and put out issues of the *Redwood City Tribune* and the *Gilroy Dispatch*. Students in the Newspaper Management class spent two afternoons each week with various Peninsula newspapers as a laboratory exercise. Thanks are extended to the publishers of the *San Mateo Times*, *Redwood City Tribune*, *Palo Alto Times*, *Mountain View Register-Leader*, and *Gilroy Dispatch* for this co-operation.

The division also undertook a study of reader preferences as between newspapers and as to newspaper content in co-operation with the *San Francisco Chronicle*, and with the assistance of the San Mateo, Santa Rosa, and Modesto Junior colleges.

Obligation is acknowledged by the division to the men and women actively engaged in newspaper and advertising work who spoke to various classes during the year, as follows: William Leiser, sports writer for the *San Francisco Chronicle*; Mrs. William Leiser, formerly "Cynthia Gray" and "Prudence Penny" of the *News* and the *Examiner*; William Mason, formerly crime reporter for the *Examiner*; Lloyd S. Thompson, dramatic editor of the *Examiner*; Paul Edwards, associate editor of the *San Francisco News*; Dr. Rudolph Langer, physicist of the California Institute of Technology, on the relations of the press and the scientist; Hal Rorke, managing editor of the *Los Angeles Illustrated Daily News*; R. L. Burgess and Lillian Symes, well-known contributors to national publications. Also Mrs. Beatrice Woerner, advertising manager, The White House; Miss Eleanor Lyons, general advertising manager, Roos Bros.; John Cuddy, Californians, Inc.; Charles W. Collier, editor, *The Recorder*; Ted Krough, account executive, Lord and Thomas; C. F. Ohlinger, director of research, McCann-Errierson Advertising Agency, all of San Francisco; Hartley Jackson, typographic consultant of Stanford University Press; and Paul Moore, advertising manager, *Palo Alto Times*.

BUFORD OTIS BROWN
Associate Professor of Journalism

	No. of Students 1931-34	Percentage Satis- factory	Grade- Point Rating	Percentile Rank
<i>France</i>				
Cannes: College de Cannes	1	100	2.87	..
Paris: American High School.....	1	100	3.51	..
<i>Japan</i>				
Tokyo: American School in Japan	2	100	2.40	..
<i>Nicaragua</i>				
Granada: School of Central America	1	100	3.46	..
<i>South Africa</i>				
Durban Girls' School.....	1	100	2.30	..

[illegible]

González, M. de. Las tablas de la conquista de México en las colecciones de Madrid . . . 1933: *Ibid.*, vol. 14, p. 222-223, May, 1934.

Editor: *Notes and comments*. Hispanic American historical review.

CARL FREMONT BRAND:

Proceedings of the twenty-ninth annual meeting of the Pacific coast branch of the American historical association. Secretary's report: *Pacific historical review*, vol. 3, p. 109-112, June, 1934.

THOMAS ANDREW BAILEY:

The United States and the blacklist during the great war: *Journal of modern history*, vol. 6, p. 14-35, March, 1934.

Why the United States purchased Alaska: *Pacific historical review*, vol. 3, p. 29-49, March, 1934.

Review of:

Dulles, F. R. America in the Pacific: a century of expansion: *Political science quarterly*, vol. 48, p. 471-473, September, 1933.

Perkins, Dexter. The Monroe doctrine, 1826-1867. Johns Hopkins press. 1933: *Ibid.*, vol. 49, p. 294-296, June, 1934.

Ryden, G. H. The foreign policy of the United States in relation to Samoa. 1933: *Pacific historical review*, vol. 2, p. 455-457, December, 1933.

MAXWELL SAVELLE:

George Morgan: *Dictionary of American biography*, vol. 13, p. 169-170, 1934.

HAROLD HENRY FISHER:

The Bolshevik revolution, 1917-1918. Documents and materials. (With James Bunyan): *Hooover War library publications*, no. 3. Stanford university press. 1934. 735 p.

International implications of communism: *Institute of world affairs. Proceedings*, vol. 11, p. 213-218, 1933.

JOURNALISM

BUFORD OTIS BROWN:

Classified advertising, an undeveloped revenue producer: *Publisher's auxiliary*, vol. 68, p. 5, November 25, 1933.

Developing classified advertising for more revenue: *National printer journalist*, vol. 52, p. 67-68, January, 1934.

Finding new sources of newspaper income: *Publisher's auxiliary*, vol. 68, p. 5, November 25, 1933.

KENNETH N. STEWART:

Upton Sinclair and his EPIC plan for California: *Literary digest*, vol. 118, p. 10, August 25, 1934.

PHILOSOPHY

HENRY WALDGRAVE STUART:

The emergence of morality: *College of the Pacific. Publications in philosophy*, vol. 3, p. 138-153, 1934.

A preface to ethics: *Ibid.*, vol. 3, p. 89-100, 1934.