

CALIFORNIA INSTITUTE OF
TECHNOLOGY

ANNUAL COMMENCEMENT

June 13th, 1941 . . . 4:00 p. m.



PROGRAM

PROCESSIONAL MARCH

Processional - - - - - *L. Ganne*

INVOCATION AND CHAPLAIN'S ADDRESS

REVEREND JOHN F. SCOTT, D.D.

COMMENCEMENT ADDRESS

THE SURVIVAL OF DEMOCRACY

RT. HON. RICHARD GARDINER CASEY, M.A., D.S.O., M.C.

Australian Minister to the United States

CONFERRING OF DEGREES

Candidates presented by

FREDERIC W. HINRICHS, JR., A.M., *Dean of Upper Classmen*

W. R. SMYTHE, PH.D., *Chairman of the Committee on the Course in Science*

W. W. MICHAEL, B.S., *Chairman of the Committee on the Course in Engineering*

WILLIAM V. HOUSTON, PH.D., *Acting Dean of the Graduate School*

Degrees conferred on behalf of the

Trustees and Faculty by

ROBERT ANDREWS MILLIKAN, PH.D., LL.D., Sc.D., *Chairman of the Executive Council*

FIFTY YEARS OF THE DEVELOPMENT OF AN IDEA

DR. MILLIKAN

BENEDICTION

CANDIDATES FOR DEGREES

DOCTOR OF PHILOSOPHY

- EDGAR L. ARMI (Physics), Diploma, Munich Institute of Technology, 1931; M.S., California Institute, 1939. *Thesis*: Electrical Conduction and Crystallization Phenomena in Thin Lead Films at Temperatures between 14°k and 500°k.
- HOWLAND HASKELL BAILEY (Physics), A.B., Raverford College, 1932. *Thesis*: A Study of the Short Wave-length Limit of the Continuous X-ray Spectrum.
- WERNER BAUMGARTEN (Chemistry), Diploma, University of Munich, 1937. *Thesis*: 1. The Deduction of Tartaric Acid. 2. The Heats of Combustion of Seven Organic Dicarboxylic Acids.
- ROBERT A. BECKER (Physics), B.S., College of Puget Sound, 1935; M.S., California Institute, 1937. *Thesis*: The Short-range Alpha Particles from the Disintegration of Fluorine by Protons.
- WILLIAM RAYMOND BERGEN (Biology), B.S., California Institute, 1932. *Thesis*: Studies upon the Isolation and Identification of Auxins in Plant Materials.
- HUGH BRADNER (Physics), A.B., Miami University, 1936. *Thesis*: Electron-optical Studies of the Photoelectric Effect.
- EMIL J. BURCIK (Chemistry), B.S., Carnegie Institute of Technology, 1937. *Thesis*: Heat Capacity of Gases by the Adiabatic Expansion Method.
- LEVERETT DAVIS, JR. (Physics), B.S., Oregon State College, 1936; M.S., California Institute, 1938. *Thesis*: Conduction Electrons in a Magnetic Field.
- LEO P. DELSASSO (Physics), A.B., University of California at Los Angeles, 1925. *Thesis*: The Measurement of Altitude and Inclination of Aircraft by the Echo Method.
- MARTIN JAMES GOULD (Geophysics), B.A., Rice Institute, 1935; M.A., 1936. *Thesis*: The Ground Roll Phenomenon of Applied Seismology.
- CHRIS GREGORY (Physics), B.S., California Institute, 1938; M.S., 1939. *Thesis*: Resonance Broadening of Homogeneous Caesium Vapor in Absorption.
- LEVAN GRIFFIS (Mechanical Engineering), B.S., California Institute, 1937; M.S., 1938. *Thesis*: The Influence of the Rate of Deformation on the Strength of Materials in Tension.
- FRANKLIN STEWART HARRIS, JR. (Physics), A.B., Brigham Young University, 1931; M.A., 1936. *Thesis*: Development of a Carbon Carrier for Oligodynamically Active Silver.
- GEORGE WILLIAM HOUSNER (Civil Engineering), B.S., University of Michigan, 1933; M.S., California Institute, 1934. *Thesis*: An Investigation of the Effects of Earthquakes on Buildings.
- I CHENG KUO (Physics), B.S., National University of Peking, 1928. *Thesis*: Cloud Chamber Study of Cosmic Ray Particles.
- JOSEPH PIERRE LASALLE (Mathematics), B.S., Louisiana State University, 1937. *Thesis*: Pseudonormed Linear Sets over Valued Rings.
- ROBERT SEVERIN RASMUSSEN (Chemistry), S.B., University of Chicago, 1938. *Thesis*: 1. Studies of Some Absorption Spectra in the Photographic Infra-red. 2. Studies of the Hydrogen Bond. 3. The Raman Spectra of $\text{CCl}_2\text{F}-\text{CClF}_2$ and $\text{CClF}_2-\text{CClF}_2$.
- MAX TOFIELD ROGERS (Chemistry), B.S., University of Alberta, 1937; M.S., 1938. *Thesis*: 1. The Crystal Structures of Sodium and Potassium Fluoriodate and a Redetermination of the Parameters in Ammonium Bifluoride and Potassium Bifluoride. 2. The Electron Diffraction Investigation of Fluorine and Tellurium Dibranide. 3. The Determination of Magnetic Anisotropy of Crystals.
- ROBERT EUGENE RUNDLE (Chemistry), B.S., University of Nebraska, 1937; M.S., 1938. *Thesis*: 1. The Crystal Structures of Trimethyl Platinum Chloride and Tetramethyl Platinum. 2. The Electron Diffraction Investigation of Dimethyl Sulfone, Dimethyl Sulfoxide, and Trimethyl Amine Oxide. 3. The Heat Capacity and Entropy of Arsenic Trifluoride.
- HORACE RUSSELL, JR. (Chemistry), B.S., Duke University, 1938. *Thesis*: Some Molecular Data from Raman Spectra, Electron Diffraction, and Low Temperature Calorimetry.
- MAURICE J. SCHLATTER (Chemistry), B.S., California Institute, 1938. *Thesis*: 1. The Isomeric 2,3-Epoxy pentanes and 2-Pentenes. The Extent to Which Mixtures of Diastereomers Are Found in Reactions of Some Pentane Compounds. 2. The Preparation of Cyclopropene. 3. The Thermal Decomposition of Trans-1,2-Cyclobutane-bis-(trimethylammonium) Hydroxide.
- RALPH WILLIAM SPITZER (Chemistry), A.B., Cornell University, 1938. *Thesis*: 1. Thermal Data on Some Cyclic Hydrocarbons. 2. The Electron Diffraction Investigation of the Molecular Structures of Silicon Tetrabromide, Tribromosilane, and Difluorodibromosilane.
- HORTON GUYFORD STEVER (Physics), B.A., Colgate University, 1938. *Thesis*: 1. The Discharge Mechanism of Geiger Counters. 2. The Mean Lifetime of the Mesotron from Electroscopie Data.
- WILLIAM THOMAS STEWART (Chemistry), B.S., University of Arizona, 1937; M.S., 1938. *Thesis*: The Rate of Hydration of Beta-methylcrotonaldehyde; the Equilibrium between Beta-methylcrotonaldehyde and Beta-hydroxyisovaleraldehyde in Dilute Aqueous Solution. Esters of Alginic Acid. Oxidation of Alginic Acid by Periodic Acid. A Chromatographic Study of Lignite.

JOHN FREDRICK STREIB, JR. (Physics), B.S., California Institute, 1936. *Thesis*: The Disintegration of Fluorine by Protons.

MARTIN SUMMERFIELD (Physics), B.S., Brooklyn College, 1936; M.S., California Institute, 1937. *Thesis*: 1. The Effect of Pressure on Infra-red Absorption of Ozone. 2. An "Ultra-spectrometer" Technique for Infra-red Bands.

AUSTIN LEVY WAHRHAFTIG (Chemistry), B.A., University of California, 1938. *Thesis*: The Absorption Spectrum of Chlorine Fluoride in the Region 4650-5200A; The Electron Diffraction Investigation of Chlorine Fluoride and Chlorine Trifluoride.

WILLIAM OWEN WETMORE (Mechanical Engineering), B.S., California Institute, 1937; M.S., 1939. *Thesis*: An Investigation of Some Silver Alloy Steels.

AERONAUTICAL ENGINEER

✓ THOMAS ASHWORTH, JR., B.S., United States Naval Academy, 1931.

✓ RICHARD WILLIAM BELL, B.A., Oberlin College, 1939.

✓ CARL FILLMORE DAMBERG, B.S., United States Military Academy, 1931.

PAUL HOWARD DANE, B.S., California Institute, 1934.

✓ JOHN ANDREW DILWORTH, B.S., Louisiana State University, 1939; B.S., in AE, California Institute, 1940.

✓ CHARLES FINK FISCHER, B.S., United States Naval Academy, 1934; B.S. in AE, California Institute, 1940.

✓ WILLIAM WALLACE HOLLISTER, B.S., United States Naval Academy, 1931.

✓ ELLIS LAPIN, B.S., Drexel Institute of Technology, 1939; B.S. in AE, California Institute, 1940.

HARLOWE JULIUS LONGFELDER, B.S., California Institute, 1939; B.S., in AE, 1940.

✓ HOWARD MONROE MCCOY, B.S., United States Military Academy, 1930; M.S., California Institute, 1935.

✓ HARRISON ALLEN STORMS, JR., B.S., Northwestern University, 1938; M.S., 1939; B.S., in AE, California Institute, 1940.

✓ CHARLES HOUSTON TERHUNE, JR., B.S.M.E., Purdue University, 1938.

✓ THOMAS DONALD TYRA, B.S., United States Naval Academy, 1931.

CHEMICAL ENGINEER

BERT VICTOR ROUDEBUSH, B.S., California Institute, 1939; B.S. in ChE, 1940.

MASTER OF SCIENCE IN SCIENCE

BIOLOGY

✓ HAROLD KENNETH FINK, A.B., Princeton University, 1938.

YUJI ALEXIS TAJIMA, B.S., California Institute, 1940.

CHEMISTRY

✓ JOHN PERCIVAL FARQUHAR, B.S., Harvard College, 1935.

✓ JAMES RODNEY FISCHER, B.A., Ohio State University, 1938.

CHEMICAL ENGINEERING

FREDERICK CALVERT BRUNNER, B.S., California Institute, 1940.

IRVINE FISK GERMAN, JR., B.S., California Institute, 1940.

PAUL ALAN LONGWELL, B.S., California Institute, 1940.

HAROLD SOMERS MICKLEY, B.S., California Institute, 1940.

ROBERT STANLEY RAY, JR., B.S., California Institute, 1940.

WILLIAM BERTRAM SCARBOROUGH, B.S., California Institute, 1940.

RANDLOW SMITH, B.S., California Institute, 1940.

GEOLOGICAL SCIENCES

ALAN JOHN GROBECKER, B.S., California Institute, 1937.

✓ JOHN THOMAS JORDAN, B.A., University of California at Los Angeles, 1938.

✓ PAUL LIEBER, Johns Hopkins University.

✓ LLOYD ALAN LEWIS, E.M., University of Minnesota, 1938.

MILLER WINTHROP QUARLES, JR., B.S., California Institute, 1940.

LOUIS JOHN REGAN, JR., B.S., California Institute, 1939.

✓ JOHN JOSEPH RUPNIK, Geological Engineer, Colorado School of Mines, 1933.

MATHEMATICS

✓ JOHN ROBERT WOOLSON, Ph.B., Gonzaga University, 1936; B.S., California Institute, 1938.

PHYSICS

LUDWIG EPSTEIN, B.S., California Institute, 1940.

✓ ALEX E. S. GREEN, B.S., College of the City of New York, 1940.

✓ ELDRED WILSON HOUGH, B.S., University of Illinois, 1939.

✓ LELAND GEORGE SWART, B.S., University of Michigan, 1940.

MASTER OF SCIENCE IN ENGINEERING

AERONAUTICS

- ✓ CHARLES LITTLE BLAKE, B.S., Louisiana State University, 1940.
- ✓ CHANG CHIEH-CHIEN, B.A., National Northeastern University, 1932.
- ✓ ERNEST GUNTHER CHILTON, B.S., Massachusetts Institute of Technology, 1940.
- ✓ BUCK-SAM CHU, B.S., National Sun Yat-sen University, 1938.
- ✓ FRANK GREENE DENISON, JR., S.B., Massachusetts Institute of Technology, 1940.
- ✓ WALTER E. FELLERS, B.A., College of the Pacific, 1940.
- ✓ JOHN EDWARD GOODE, JR., A.B., University of North Carolina, 1940.
- ✓ LLOYD T. GOODMANSON, B.S., California Institute, 1940.
- ✓ JAMES WILLIAM JONGENEEL, B.S., California Institute, 1940.
- ✓ DAVID WILLIAM NEPTUNE, B.S., University of California, 1940.
- ✓ CLINTON TOMS NEWBY, B.S., California Institute, 1940.
- ✓ GEORGE HENRY NICHOLSON, B.S., University of California, 1940.
- ✓ MARTIN SCHEINBERG, B.M.E., New York University, 1940.
- ✓ RICHARD S. SHEVELL, B.A., Columbia College, 1940.
- ✓ ALFRED LEON SLATER, B.S., California Institute, 1935.
- ✓ GEORGE FLOYD STEELE, B.A., University of Colorado, 1939.
- ✓ WILLIAM BRUCE STEPHENSON, B.S., Louisiana State University, 1940.
- ✓ LOUIS S. STIVERS, JR., B.A., George Pepperdine College, 1939.
- ✓ DON LOMBARD WALTER, B.S., California Institute, 1940.
- ✓ THOMAS H. WIANCKO, B.S., University of Oklahoma, 1937.
- ✓ COLMAN ZOLA, B.S., New York University, 1940.

CIVIL ENGINEERING

- ✓ CHARLES LEWIS COBB, B.S., University of Notre Dame, 1940.
- ✓ LEROY GRAM WAIGAND, B.C.E., Ohio State University, 1940.
- ✓ ROBERT H. WEIGHT, B.S., Utah State Agricultural College, 1940.

ELECTRICAL ENGINEERING

- ✓ DONALD EUGENE ALBERT, B.A., University of Redlands, 1937.
- ✓ NORMAN ZINKAN ALCOCK, B.Sc., Queens University, 1940.
- ✓ HOWARD BALLER, B.S., California Institute, 1940.
- ✓ DONALD BELL CARSON, B.S., California Institute, 1940.
- ✓ CHARLES STINSON MYERS, B.S., Alabama Polytechnic Institute, 1939.
- ✓ ALBERT PETRAITIS, B.S., Armour Institute of Technology, 1935.
- ✓ EDWARD ELMER SHELTON, B.S., University of Washington, 1939.
- ✓ CHARLES HAROLD WILTS, B.S., California Institute, 1940.
- ✓ EN-YING YUI, B.S., Chiao-Tung University, 1936.

MECHANICAL ENGINEERING

- ✓ ROBERT WARD BATES ALCOCK, B.S., California Institute, 1940.
- ✓ LEO JERÉ BRANDENBURGER, B.S., University of Utah, 1940.
- ✓ ROBERT CLARENCE BRUMFIELD, B.S., California Institute, 1940.
- ✓ JAMES VAILE CRAWFORD, B.S., California Institute, 1940.
- ✓ HERBERT BAILEY ELLIS, B.S., California Institute, 1938.
- ✓ FRANK PARKER LOCKARD, B.S., Northwestern University, 1940.
- ✓ JULES FREDERICK MAYER, B.S., California Institute, 1940.
- ✓ GEORGE KIYOSHI MORIKAWA, B.S., California Institute, 1939.
- ✓ GEORGE JUDSON TODD, B.S., California Institute, 1940.

METEOROLOGY

- ✓ JOHN KNOX ARNOLD, JR., B.S., United States Military Academy, 1936.
- ✓ JOHN ALLEN BATTLE, B.S., California Institute, 1939.
- ✓ SIDNEY CLYDE BRUCE, B.S., University of Colorado, 1940.
- ✓ NORMAN HUBERT CALDWELL, B.S., University of California, 1940.
- ✓ CARL WILBERT CARLMARK, B.S., United States Military Academy, 1931.
- ✓ DELMAR LESTER CROWSON, B.A., University of California at Los Angeles, 1940.
- ✓ GERRIT DAAMS, B.S., California Institute, 1940.
- ✓ DARRELL W. DIETER, B.S., State College of Washington, 1939; M.S., 1940.
- ✓ SAMUEL JAMES EASLEY, B.S., Agricultural and Mechanical College of Texas, 1936.
- ✓ ROBERT HOWARD EHRKE, B.S., Agricultural and Mechanical College of Texas, 1939.
- ✓ RICHARD ELMER ELLSWORTH, B.S., United States Military Academy, 1935.

- ROBERT ERNEST FLEMING, B.S., California Institute, 1940.
- ✓ JAMES VERN HALES, A.B., Brigham Young University, 1938.
- ✓ EDWARD ABBOTT HALL, A.B., University of California, 1939.
- ✓ DANIEL SAM HAMWAY, B.S., South Dakota State School of Mines, 1939.
- ✓ BENJAMIN WILLIAM HELMICK, B.S., Iowa State College, 1940.
- ✓ PRESTON LOUIS HILL, B.A., Pomona College, 1939.
- ✓ JACK M. HUBBARD, B.S., Washington State College, 1938; M.S., 1939; B.E., 1940.
- ✓ CHARLES BENJAMIN JOHNSON, B.S., Knox College, 1931; M.A., University of Illinois, 1933.
- LOUIS LAWRENCE KOLB, B.S., California Institute, 1939.
- GERALD BALFOUR LEVIN, B.S., California Institute, 1940.
- ✓ JOSEPH ALFRED MILLER, JR., B.S., United States Military Academy, 1937.
- YOSHINAO NAKADA, B.S., California Institute, 1940.
- FREDERIC CARL EMIL ODER, B.S., California Institute, 1940.
- ✓ GREENUP BIRD PATTERSON, JR., A.B., Occidental College, 1940.
- ✓ ISADORE IRVING PORUSH, B.A., University of California at Los Angeles, 1939.
- ✓ WILLIAM HERBERT REMPEL, B.A., Montana State University, 1939.
- ✓ VIRGIL E. SANDIFER, A.B., Occidental College, 1939.
- ✓ VON ROY SHORES, JR., B.S., United States Military Academy, 1936.
- ✓ HERMAN WALTON SMITH, JR., B.S., Oklahoma Agricultural and Mechanical College, 1938; A.B., 1939; M.A., University of Texas, 1940.
- ✓ NORMAN CALVERT SPENCER, JR., B.S., United States Military Academy, 1936.
- ✓ CLYDE TILDEN STANDRIDGE, B.S., University of Oklahoma, 1940.
- ✓ NEWTON C. STONE, B.Ed., Southern Illinois State Normal University, 1934; M.S., University of Illinois, 1935; B.S. in My, California Institute, 1940.
- WILLIAM WELCH STONE, JR., B.S., California Institute, 1940.
- ✓ CORDES FREDRICH TIEMANN, B.S., United States Military Academy, 1933.
- BERNARD M. TOBIN, B.S., California Institute, 1940.
- GILBERT RUSK VAN DYKE, JR., B.S., California Institute, 1940.
- ✓ JAMES JOHN VONK, B.S., Michigan College of Mining and Technology, 1938.
- ✓ ROBERT LEE WEAVER, B.A., University of Colorado, 1936.
- GORDON BRUCE WEIR, B.S., California Institute, 1940.
- ✓ HERVEY HAYDEN WHITFIELD, B.A., Texas Agricultural and Mechanical College, 1934.

BACHELOR OF SCIENCE (FIVE YEAR COURSE)

METEOROLOGY

- JAMES V. BASSETT, B.S., Nebraska State Teacher's College, 1940.
- WOODBURN ALLEN BROWN, B.A., Montana State University, 1939.
- MORRIS RICKERT CLARK, B.A., Whitman College, 1937; M.A., 1939.
- ROBERT WARREN DURRENBERGER, B.E., Moorhead State Teacher's College, 1940.
- JOHN MACGREGOR FEELEY, JR., E.M., Colorado School of Mines, 1938.
- JAMES RICHARD GARRETT, A.B., Lenoir Rhyne College, 1940.
- JACK TICHENOR GUERIN, A.B., Stanford University, 1940; M.S., in ME, California Institute, 1940.
- DONALD LLOYD HARVEY, B.S., Colorado University, 1939.
- CHARLES TALMAGE HIGHT, B.A., Iowa Wesleyan College, 1940.
- MARION ERNEST HINES, B.S., California Institute, 1940.
- OLIVER KENTON JONES, B.S., University of Texas, 1939.
- BLAINE RUPHUS NELSON, B.A., Luther College, 1934.
- DONALD SETH NICHOLSON, B.A., Pomona College, 1940.
- C. LEON RATCLIFF, B.A., Southwestern College, 1940.
- FREDERICK GEORGE ROBINSON, B.S., University of Colorado, 1940.
- FRANCIS ROBERT RYAN, B.S.C.E., Santa Clara University, 1939.
- PARKE PURDY STARKE, JR., B.S., University of Richmond, 1940.
- ROBERT WINSLOW WINCHELL, B.S., California Institute, 1939; M.S., in EE, 1940.
- SAMUEL WOLFE, B.S., University of Utah, 1939.

BACHELOR OF SCIENCE (FOUR YEAR COURSE)

SCIENCE

EDWARD KIRK ABBEY .	ROBERT CHARLES GEITZ	STANLEY JOHN MITCHELL
*WAYNE GORDON ABRAHAM	* JEROME MAURICE GREEN	CHARLES L. MOORE
GRICE AXTMAN	GEORGE ADAMS HARDENBERGH	LIVINGSTONE PORTER, JR.
NEWELL BALLREICH	JAMES TURNER HARLAN, JR.	* JOHN MEAD RICHARDSON
*†GLENN WAGNER BILLMAN	†GEORGE BOWMAN HARR	CHARLES BRANDT ROEN
FRED WALLACE BILLMEYER,	THOMAS JASON HASSARD	JOSEPH FRANKLIN ROMINGER
JR.	* WALLACE DEAN HAYES	ROBERT PATTERSON ROUTH
*†ROBERT RYLAND BOWLES	WILLIAM BENTON	†CLAUDE STANLEY RUPERT, JR.
ROBERT GLENHART BOWLUS	HEBENSTREIT	FRANK HAMILTON SKALECKY
CHARLES MALLORY BUCHZIK	KIM HILL, JR.	JOHN GILBERT SMALL
†ROBERT BUSS	KENYON BALES HOWARD	JOHN DANIEL SPIKES
†WILLIAM F. CHAPIN	* MIYOSHI IKAWA	DELBERT D. THOMAS
†ROBERT GEORGE COOPER	CAROL KAZUO IKEDA	JOSEPH WARREN TRINDLE
†WILLIAM HARRISON CORCORAN	* HOMER JACOBSON	* CLIFFORD AMBROSE
FRANK HOST DICKEY	†JEREMY ALDAN JONES	TRUESDELL, III
GEORGE MARTIN DORWART	JOHN W. JONES	DALE EDWARD TURNER
QUENTIN ELLIOTT	BRUCE ERNEST LAWRENCE	EDMUND FORREST TYLER
PAUL STEPHEN FARRINGTON	* LEO CHARLES LEVITT	*†CLYDE ADOLPH WAHRHAFTIG
PAUL HARRY FAUST	HARRY W. LEW	ROGER WALLACE
PAUL ROBINSON FREEHAFER	JOHN HAMILTON MAIN	†LAWRENCE CURTIS WIDDOES
ROBERT BENJAMIN GALESKI	RALPH CARROLL MANINGER	LINDLEY SOTHERN WILSON

ENGINEERING

* ROY MITCHELL ACKER	JOHN WILLIAM GILLINGS	WILLIAM SCHUBERT
ARTHUR SEARLE BENSON	FRANCIS GREENHALGH	RICHARD FREDERICK
ALFRED JOHN BERSBACH	JOHN BRODBY HIATT	SILBERSTEIN
†GEORGE HARDY BRAMHALL	TOM HUDSPETH	REUBEN SNODGRASS
* PHILIP DANIEL BROOKS	* WILLIAM LEE INGERSOLL	†STANLEY EDWARD SOHLER
DONALD CAMERON CAMPBELL	GILBERT ALLAN JONES	CLARENCE BERNHARD STADUM
CARL ARTHUR CARLSON	ROBERT EDMOND KINGSMILL	WILTON AELXANDER STEWART
JOHN H. CARR	EMERSON HOGUE LA BOMBARD	ROBERT FRANKLIN STRICKLER
FRANK GORDON CASSERLY	EUGENE ALEXANDER LAKOS	*†STANLEY GROVER STROUD
FREDERICK WEAVER CLARKE,	* ROBERT BENJAMIN LEIGHTON	C. VICTOR STURDEVANT, III
III	* BERL D. LEVENSON	NORMAN F. SVENDSEN
CHARLES LEE DAILEY	†JOSEPH WALTERS LEWIS, JR.	FREDERICK WILLIAM THIELE
WALTER Z. DAVIS	CALVIN WASHBURN LONG	ONICK VARTIKIAN
DONALD EDWIN DAWSON	DONALD FREDERICK JAMES	†RICHARD MCKOWN VAUGHAN
WILLIAM L. DENISTON	MCINTOSH	EBENEZER VEY
DOUGLAS GORDON DILL	†ROBERT FRANCIS MYERS	WILLIAM JOHN WAGNER
WILLIS E. DOBBINS	ROBERT LEROY NOLAND	EDWIN PRESCOTT WALD
GENE LLOYD EDWARDS	JOHN GORDON PALMER	DANA ERNEST WASHBURN
MERRITT VARNIS EUSEY, JR.	NEWELL THOMPSON PARTCH	JOSEPH WEISS
GRANT WALKER EWALD	JOHN GRAYDON PARTLOW	* JOHN ROBERTSON WHITE
ROBERT E. FISHER	JOHN JOSEPH PAULSON	THOMAS LEEMING WHITE‡
GLYN FRANK-JONES	RALPH PETERS	* DAVID S. WOOD
ARDEN HUGO FREDRICK	†GEORGE IRVING REIMERS	CECIL GILBERT YOUNG
SIDNEY KILBURNE GALLY	GEORGE CHITSUGI SAKAI	GEORGE KEIRN ZEBB
	ALFRED SCHAFF, JR.	

†Awarded the Honor Key by the Associated Student Body for participation in student activities.

*Graduated with honor in accordance with a vote of the Faculty.

‡Degree awarded posthumously.