

SEVENTIETH ANNUAL COMMENCEMENT

# Graduation Exercises

MONDAY MORNING, MAY TWENTY-NINTH

MEN'S GYMNASIUM, TEN O'CLOCK

M C M X X X I X



Oregon State  
College



# PROGRAM

PRELUDE—Selection from “Blossom Time”.....*Sigmund Romberg*

Exaltation ..... *Cicone*

Presidential Polonaise .....*John Philip Sousa*

The R. O. T. C. Band  
H. L. Beard—Director

PROCESSIONAL—March “La Reine de Saba”.....*Charles Gounod*

The audience will remain seated throughout the processional, but will rise for the National Anthem and remain standing during the Invocation.

THE STAR SPANGLED BANNER

The R. O. T. C. Band

INVOCATION—The Reverend Daniel W. Stevens

Minister of the First Methodist Church

Duet from Aida: “Morir! si pura e bella”.....*Giuseppe Verdi*

Marjorie Kinnear, '39, Soprano  
Dixon Long, '39, Tenor  
Paul Petri, Accompanist

GREETINGS TO THE CLASS OF 1939—

The Honorable Willard L. Marks, B.S.  
President of the State Board of Higher Education  
Frederick Maurice Hunter, Ed.D., LL.D.  
Chancellor of the Oregon State System of  
Higher Education

DUET—Morning ..... *Oley Speaks*

Miss Kinnear and Mr. Long

CONFERRING OF DEGREES—George W. Peavy, M.S.F., Sc.D., LL.D.

President of Oregon State College

ALMA MATER

RECESSIONAL—March “The University”.....*Edwin Franko Goldman*

The R. O. T. C. Band

The audience will remain seated until faculty and graduates have left the auditorium.



# Senior Honor Students

Elections for 1939

Senior honors are conferred by the faculty Administrative Council upon those members of the graduating class, candidates for a bachelor's degree, who throughout their entire college course have maintained the highest scholastic standing in their respective schools. A student to be eligible to such honor must have made a grade-point average of 3.25 or higher. Election is limited to ten per cent of the graduating members of a school.

## SCIENCE

EDMOND CLAR CALAVAN  
ROBERT LOYALL RUGH  
EDITH BAKER

WALLACE DEAN LOWRY  
JOHN LUTHER HULT  
SAM GOODNOW WILDMAN

## AGRICULTURE

EARL RAYMOND FRANKLIN  
CLOUDSLY FRENCH  
DONALD ROBERT JOHNSON  
ALICE FRANCES STILES  
ARTHUR ELBERT HUTCHINSON  
CAL GRAHAM MONROE

THEODORE TIMOTHY KIRSCH  
SAMUEL JOHN STREBIN  
JAY LONG  
JOE BONNER JOHNSON  
DONALD WALTER MOORE  
JAMES ANDERTON BLODGETT

## EDUCATION

CAROL ELIZABETH CARNES  
DELBERT WALTER BURKE

GLEN FAXON  
ANNA AGNES RUCH

## ENGINEERING

WILLIAM JOHN BARCLAY  
JOHN WINFIELD ALLEN  
DAVID WARREN (COX) BEECHER  
KENNETH WILSON LANGE  
RAYMOND CHARLES AUNGST

MILOSH POPOVICH  
BURNETE PAUL CHAUSSE  
FRANK WILLIAM WOODFIELD, JR.  
HAROLD RICHARD BARTEL  
HAROLD ALFRED KIDBY

ALLEN LEMUEL TWEEDDALE

## FORESTRY

LOUIS LISLE WALKER  
HERBERT CONRAD SAMPERT

JOHN ARCHIBALD CARNEGIE  
GENE DAVID KNUDSON

## HOME ECONOMICS

LAURA PHILBRICK WELLS  
MARGARET LOUISE WEST  
DOROTHY LOUISE HARSTAD  
BETTY MILDRED CHANDLER

KATHLEEN GENIEVE HOUGLUM  
RUTH MARGARET OLESON  
MARJORIE TYRON TOWER  
DOROTHY COOK

## PHARMACY

FRANK ROBINS HENRY

RONALD GILLETTE ESSON

Senior Honor Students—*Continued*

SECRETARIAL SCIENCE

ROXANNE ELIZABETH PHOENIX  
HILDA MILDRED MEIUS  
RUTH ANNE CRAWFORD

MARGARET VIRGINIA SCHELL  
VIRGINIA STOUT  
BERNHARDINE BUSSE

HONOR GRADUATES, MILITARY DEPARTMENT

Under the regulations of the War Department, each college or university maintaining a Reserve Officers' Training Corps unit may designate at the close of the academic year as honor graduates five per cent of the total number of students enrolled in each unit. The students designated must be graduates of the institution and of the Reserve Officers' Training Corps, selected on the basis of character, academic grades, and demonstrated efficiency in military work.

INFANTRY

BOYD OSMAN WHITNEY

FIELD ARTILLERY

DONALD WILLIAM COONS

FRANK WILLIAM MCPHERSON

ENGINEERS

DONALD CARL WIMBERLY

*military commissions — 106*

# Baccalaureate Degrees

## School of Science

Francois Archibald Gilfillan, Dean

The School of Science in the Oregon State System of Higher Education, located at the State College, provides major curricula in science for students whose objective is a liberal education, and professional preparation for students planning to enter some scholarly occupation in the realm of science. Students major in general science and in the special sciences of bacteriology, botany, chemistry, entomology, geology, mathematics, physics, and zoology.

### BACHELORS OF ARTS

HARRY FUKUZO ABE Portland	MARTHA JANE MCCULLY MILLER Corvallis
EDITH BAKER Home	ROBERT DONALD NEIKES Portland
NED BRADBURY BAKER Brownsville	GEOFFREY FRANK OSLER Portland
ERNEST ELDON BANFIELD, JR. Portland	JAMES JOSEPH RAHN O'Brien
NATHAN NORMAN DIRECTOR Portland	RAY MURTON REICHLÉ Portland
IVAN FLOYD KEENEY Ashland	FRANK GILBERT SWANSON Troutdale
JOHN FLEMING LARSELL Portland	SAM GOODNOW WILDMAN Corvallis

### BACHELORS OF SCIENCE

HUBERT WATERBURY ANDERSON Corvallis	WILFRED HAROLD FITZGERALD Astoria
FLORA JEAN BOWMAN Prineville	JOSEPH EDWARD FOWELLS Portland
JOHN MICHAEL BOYER Portland	HOWARD JEROME FRIEDMAN Los Angeles, California
CHARLES WETZEL BROWNING Portland	ROY EDWIN MAURICE GEKELER La Grande
JOHN STUART BURNS, JR. Corvallis	EDNA GRAY Eugene
ROBLEY ALLEN BUTLER Bull Run	ARLIE LAURENCE HATFIELD Corvallis
EDMOND CLAIR CALAVAN Corvallis	JOHN LUTHER HULT Portland
LEONARD CHRISTENSEN Corvallis	CARL LEON LINDEKEN Woodburn
TERENCE HENRY COCHRAN Oregon City	EDWIN HERBERT LOFQUIST Portland
ALONZO BERT COLBURN Spokane, Washington	CARL ALBYN LORON Silverton
WALTER HAYES COLLINS Portland	ROBERT JOSEPH LOVIN Portland
WARREN RICHARD COLEMAN Portland	WALLACE DEAN LOWRY Medford
MAXWELL STANFORD DOTY Eugene	JOHN TELFER MAC TARNAGHAN Portland
BRUCE LLOYD ELLE Portland	ALEX OSANIK Astoria
CHARLES JOHN EMERICK, JR. Portland	WILLIAM GOODELL PARMELEE, JR. Hood River
FRANK WECK FALES Palo Alto, California	LEONARD TWYMAN RACKSTRAW Palo Alto, California
WILLIAM ALEXANDER FAUCETTE Corvallis	DONALD REARDEN Corvallis
REUBEN RAYMOND FISCHER Portland	MAYNARD LESLEY RINGHAM Milwaukie
ROBERT LOYALL RUGH Eugene	

## School of Science—*Continued*

JAMES DALLAS SETZER Portland	DARREL LEON SYRON Sheridan
WILLIAM FREDRICK SHEETS Medford	ELDRIDGE KIRKWOOD TURNER Sacramento, California
EDWARD DONALD SMITH Portland	CLIFFORD HENRY VOELKER Hillsboro
RICHARD DALE STAYNER Portland	FRED BENEDICT VOIT Multnomah
CLIFFORD ALVIN STOCKER Parkdale	RUTH WHITTIER WARD Salem
JULIUS FOOYEE SUE Portland	LOUIS EUGENE WHITAKER Corvallis
JOHN HARPER WINNIFORD Corvallis	

## School of Agriculture

William Alfred Schoenfeld, Dean

The School of Agriculture offers major curricula in general agriculture; in agricultural economics and in farm management; in animal industries, including animal husbandry, dairy production, dairy manufacturing, fish and game management, and poultry husbandry; in plant industries, including farm crops, horticulture (landscape construction and maintenance, pomology, vegetable crops), and soils; in agricultural education; in agricultural engineering; in food industries; and in agricultural technology.

### BACHELORS OF SCIENCE

ROGNAR ANDERSON Colton	SCOTT PHILIP CLEVINGER Terrebonne
JOE BARBER The Dalles	HARRY GUSS COCKRUM Portland
REE HENDERSON BARRON Corvallis	LESLIE WILLIAM COLE Haines
FRANK JOSEPH BARTOS Woodburn	ROSCOE IMRIE CONN Roseburg
DALE ARTHUR BEAMER Eugene	ROBERT ERNEST CONYERS Clatskanie
ROBERT MELVILLE BEARDSLEY Corvallis	WAYNE CHARLES COOK West Salem
SHERWIN STEPHEN BLACKWELL Lebanon	DONALD WILLIAM COONS Salem
JAMES ANDERTON BLODGETT Blodgett	ELGIN MAC CORNETT Prineville
HAROLD SAMUEL BOEHI Milwaukie	JOSEPH REW COX Corvallis
WILL LINDSAY BOGESS Canoga Park, California	EUGENE DANNEN Corvallis
CHARLES BOGNER Lakeview	RICHARD HECTOR DAVIDSON Alhambra, California
CARL ARTHUR BOLLER, JR. Hinsdale, Illinois	GEORGE BALFOUR DAVIS Ontario
LEWIS ANGELL BOWEN Portland	DON EUGENE DEVLIN Portland
FRED HOWARD BOWLEY Cotnelius	LOUIS MCKISIC DICKSON Albany
ARTHUR WILLIAM BRUGGER Portland	HARVEY FLETCHER DIETZMAN Salem
RAYMOND CECIL BUCKLEY Newberg	JOHN DIMICK Hubbard
CLARA ANN BUDLONG Whittier, California	LAWRENCE PHILIP DOHERTY Lexington
ROBERT ORLAND BULLIS Corvallis	RANDOLPH DORRAN Helix
BERNARD LEE BUTCHER Canoga Park, California	JOY BAINBRIDGE DUNN Klamath Falls
DON BUXTON Corvallis	JOHN FREDRICK EILERS Aurora
JOHN JAMES CAHILL Adel	OTIS NEWELL ELLIOTT Hereford
MANTON ARTHUR CARL Hubbard	ARLYN WAYNE EVANS Mosier
ALVIN BOYD CLAGGETT Salem	WAYNE NORRIS FISK Prairie City
HARRY EDWIN CLARK Dayton	CARL GUSTAVE FLOTEN, JR. Coquille
WILLIAM IRVING CLARK Burbank, California	ROBERT GREY FOWLER Medford



School of Agriculture—Continued

EARL RAYMOND FRANKLIN  
Corvallis

GORDON OMAR FRASER  
Moro

CLOUDSLY FRENCH  
Corvallis

THOMAS LYNN GALLAGHER  
Corvallis

JOSEPH GRAY  
Portland

LOUIE HENRY GROSS  
Philomath

DONALD STUART HAMPSON  
Bend

CHARLES E HANSEN, JR.  
Eugene

IRVING BILLY HAZELTINE  
Canyon City

RODERICK KIRKLAND HENDRY  
Multnomah

ELBERT NEIL HOFFMAN  
Ontario

ROBERT GRANELL HULQUIST  
Los Angeles, California

ARTHUR ELBERG HUTCHINSON  
Pendleton

ROBERT WILLIAM IRISH  
Corvallis

EDWIN LOUIS IVERSON  
Burlingame, California

HAROLD NORMAN JACOBSEN  
Astoria

CHRISTOPHER JENSEN  
Salem

ROBERT WINKLER JENSEN  
Portland

STANLEY GORDON JEWETT, JR.  
Portland

DONALD ROBERT JOHNSON  
Portland

JOE BONNER JOHNSON  
Wallowa

WILLIAM JOHN JOWDY  
Rainier

JACK KELLY  
Cottage Grove

RALPH WENDELL KIRBY  
Hood River

THEODORE TIMOTHY KIRSCH  
Maupin

FRANKLIN EDWIN KNIGHT  
Nehalem

ELMER FRANK KOLBERG  
Portland

REINO OLIVER KOSKI  
Portland

DONALD KUDRNA  
Lafayette

JAMES LLOYD LILLY  
Caldwell, Idaho

JAY LONG  
Corvallis

HEROLD VERNON LOUGHEAD  
Ontario, California

TERRENCE McCORNACK  
Eugene

LOYD McEWEN  
Nyssa

ORVILLE SCOTT McEWEN  
Nyssa

FREDRICK MAHAN  
Tillamook

GERALD ELLIS MASON  
Salem

LEONARD MARTIN MATHISEN  
Hillsdale

ROBERT DARWIN MILLAR  
Portland

HOMER CARL MILLARD  
Scotts Mills

KENNETH CLAYTON MINNICK  
Union

CAL GRAHAM MONROE  
Mulino

DONALD WALTER MOORE  
Milwaukie

GERALD TITUS NEWCOMB  
Casa Grande, Arizona

HANS NICOLAISON  
McMinnville

EDWIN RICHARD OLSON  
Corvallis

FRANCIS EUGENE PEEBLER  
Pendleton

WILLIS PIERCE  
Falls City

HARLAND LEO PRATT  
Corvallis

HAROLD PRINDLE  
Corvallis

ALFRED NATHAN ROBERTS  
Corvallis

JOHN SCOTT ROBERTS  
San Dimas, California

FRANK ROOD  
Marshfield

EUGENE LEROY RUSSELL  
Eugene

CHARLES KENNETH RUTHERFORD  
Corvallis

CARL RUTSCHMAN  
Monmouth

CARL WILLIAM SCHAAD  
Newberg

RICHARD HENRY SCHOENBORN  
Mulino

FRED LOUIS SCHUMACHER, JR.  
Portland

DANIEL WILLIAM SLATER  
Tigard

GEORGE ELMER SMILEY  
Freewater

CHRIS HELMER STARR  
Amity

WALTER HAROLD STASTNY  
Malin

ALICE FRANCES STILES  
Corvallis

ARTHUR STRAUS  
Gold Hill

SAMUEL JOHN STREBIN  
Troutdale

MITSUO TAKASUMI  
Hood River

KEMBLE HERSHNER TELLEFSON  
Portland

STARLEIGH DOUGLAS THOMAS  
Corvallis

WILLIAM WALLACE THOMPSON  
Klamath Falls

CHARLES ALLEN TOM  
Rufus

ADRIAN VANMOOCK  
Corvallis

GILBERT NORMAN WEAVER  
Dallas

LESTER RALPH WEAVER  
Myrtle Creek

GEORGE HOWARD WELDON  
Ontario

FRANK VERNER WESTERSUND  
Pendleton

BOYD OSMAN WHITNEY  
Portland

ROBERT WITHYCOMBE  
Union

DONALD HAROLD ZUMWALT  
Sixes

LESLIE CARL ZUMWALT  
Sixes

# School of Education

James Ralph Jewell, Dean

Carl Walter Salser, Assistant Dean

The School of Education at the State College offers major curricula preparing for teaching the biological and physical sciences, mathematics, agriculture, home economics, industrial arts, secretarial science, and approved combinations of subjects, and for educational and vocational guidance.

## BACHELORS OF ARTS

CAROL ELIZABETH CARNES  
Roseburg

ENID CLAUDINE CLIFFORD  
Portland

RUTH WALRAD  
Newport

## BACHELORS OF SCIENCE

INEZ ELIZABETH ALT  
Portland  
RUTH SOPHIE ANDERSON  
Portland  
BERTHA JANE ARNSPIGER  
Medford  
HOWARD CLARENCE AYLESWORTH  
Corvallis  
GLENN ROBERT BEISNER  
Philomath  
ROBERT LYLE BELIEU  
Portland  
BONNIE JANE BOLTON  
Corvallis  
EILEEN GRACE BRANTON  
Corvallis  
BETTE ANN BROWN  
Corvallis  
JEANNETTE DAVIS BROWNING  
Kaanakakai, Hawaii  
EDWARD BURCHELL  
Lexington  
DELBERT WALTER BURKE  
Beaverton  
BERNARD DALE CLARK  
Corvallis  
ETHEL ANITA CLINE  
Troutdale  
JOHN ROBERT CUNLIFFE  
La Grande  
DONALD JAMES DAWSON  
Joseph  
FRED EDWARD DOMNISSE  
Portland  
WILBER VICTOR DRAKE  
Medford  
HUGH WILSON EDWARDS  
Portland  
BERNICE RUTH ELLE  
Dallas  
CARLYLE BERTRAM FAIRLEY  
Portland  
GLEN FAXON  
Albany  
BLANCHE ELIZABETH FINEGAN  
Cornelius  
NATALIE LEONA FRANZKE  
Newport  
HELEN FRENCH  
Corvallis  
HAROLD CHRISTIAN GREEN  
Central Valley, California  
CHARLES HUGH GUSTAFSON  
Portland

DORIS ELIZABETH HAGEMAN  
Marion  
LEEROY HANSON  
Independence  
MARY ELIZABETH HOLADAY  
Corvallis  
MILDRED MARGARITE HOLMES  
Corvallis  
RUTH EDWARDS HORNEY  
Corvallis  
OTTO HOUDEK  
Corvallis  
FRANK MARTIN JANZEN  
Corvallis  
ARNOLD JAMES JOHANNSON  
Portland  
LYLE HERBERT JOHNSON  
Portland  
MIKIE KAGEYAMA  
Hood River  
JOHN GEORGE KAPUТОF  
Portland  
JOHN WILLIAM KERR  
Corvallis  
WALTER WILLIAM KINNEY  
Portland  
MILDRED EVA LARSON  
Canby  
WALTER DIXON LONG  
Corvallis  
WILMA MACKENZIE  
Portland  
MARY ALICE MARQUIS  
Portland  
WALTER HENRY PALMBERG  
Portland  
LEONARD ARCHIE PATTERSON  
Portland  
GORDON EUGENE PATTON  
Portland  
EMERSON TREFREN PRATT  
Ashland  
HAROLD FRANK RAMSEY  
Aberdeen, Washington  
LEONARD RICHARDSON  
Fairview  
ANNA AGNES RUCH  
Vallejo, California  
DOROTHY LOUISE SANDERS  
Albany  
RICHARD PARK SUTHERLAND  
Hillsboro  
KENNETH TONER  
Yoncalla

ALICE WARD  
Portland

# School of Engineering

Richard Harold Dearborn, Dean

The School of Engineering and Industrial Arts offers major curricula in chemical engineering with an option in industrial chemistry; in civil engineering with an option in highway engineering; in electrical engineering with an option in communications; in mechanical engineering with an option in aeronautical engineering; in industrial arts education and in industrial administration; with business minors in various engineering curricula.

## BACHELORS OF SCIENCE

JOHN ALEXANDER ADAMS Portland	J AL HEAD Salem
HAROLD WEILER AGER Portland	JOHN LAWRENCE HETER Salem
JOHN WINFIELD ALLEN Mill City	DONALD EARLE HEYM Portland
ALTON EMANUAL ALSPAUGH Myrtle Creek	DONALD BLAINE HIGGINS Corvallis
NEIL EDWARD ANDERSEN Bend	KENNETH PARKINSON HILL Corvallis
DARWIN KEENE ANDERSON Grants Pass	RONALD FRED HUTCHENS Corvallis
JAMES ROBBIE ANDERSON Corvallis	JOHN RYAL HUTCHINS Albany
ROBERT ARCHIBALD KENNETH ANDERSON Portland	WILBUR WILLIAM JONES Klamath Falls
JOHN MCKELLAR ANSLEY Portland	VINCENT DONALD KEMP Klamath Falls
DAVID SHIRESS ARNOTT Corvallis	HAROLD ALFRED KIDBY Lebanon
RAYMOND CHARLES AUNGST Baker	CHARLES EDWIN KOCH Tillamook
BURT MAURICE BAILEY Portland	HAROLD JOSEPH KROGSTAD Corvallis
WILLIAM JOHN BARCLAY Portland	KEITH CORNELIUS KRUCHEK Hillsboro
HAROLD RICHARD BARTEL Portland	KENNETH WILSON LANGE Salem
ROBERT OLDS BATHIANY Klamath Falls	ELWOOD ARTHUR LAWRENCE Cutler City
DARRELL WILLIAM BEAUMONT Marshfield	DAVID JORDAN LEWIS Corvallis
DAVID WARREN BEECHER Portland	BEN YIM LIU Portland
HAROLD BENNETT Condon	RICHARD HARRY LORD Portland
GEORGE GALE BENTZ Lakeview	ROBERT WAYNE LOWRY Medford
RAY BORGER Portland	HENRY HARDING MCKINNEY Baker
THOMAS GERALD BRONLEEWEE Hillsboro	JOSEPH BRITON MACDONALD Corvallis
DONALD RAYMOND BROWN Healdsburg, California	HARRY FRASER MACKAY Portland
ROBERT JOHN CAMPBELL, JR. Enterprise	CHARLES WILLIAM MARTIN Portland
BURNETTE PAUL CHAUSSE Pocatello, Idaho	WILLIAM BUDD MATLOCK Tillamook
GERALD DALE CLARK Corvallis	GILBERT THOMAS MICKEL Mt. Angel
MORRIS CLARE CROKER Salem	JOHN FARWELL MITCHELL Portland
HAROLD ALEX DANIELS Portland	EDWARD HARRY MOORE The Dalles
EVERETT RAYMOND DENTON Eugene	HARRY CHARLES MUNSON Corvallis
FREDERIC HAROLD DICKSON Albany	RICHARD JOSEPH NEWMAN Long Island, New York
GEORGE THOMAS DRAKELEY Salem	GAIL STUART NEWSOM Halsey
WILLIAM HENRY FARROW Corvallis	ALFRED AXEL OLSEN Glendale, California
JACK ELGIN FINKBEINER Portland	EDGAR HOWARD OLSEN Portland
RAYMOND FUGIT Pendleton	JOHN WILLIAM OLSEN Baker
HENRY WEST GIBBS Lakeview	HARVEY WILLIAM OSTROM Seaside
WAYNE CHARLES GRUBB Corvallis	WILLIAM CLAIRE PHELAN Heppner

## School of Engineering—Continued

CARL NASH PLETCHER Portland	DAN LEE SMITH Milwaukie
MILOSH POPOVICH Portland	ALVA VANCE SNIDER Portland
ROBERT RAISIG Portland	CLARENCE MEIER SORVAAG Portland
DONALD DEAN REYNOLDS Corvallis	WILLIAM HENRY STEWART Albany
LEONARD LEROY RICE McMinnville	LOUIS NELSON STONE Molalla
EDWARD NORMAN RICKERT, JR. Newberg	ARTHUR ERICK STORM Portland
VERLIN CLARE ROBERTS Corvallis	GUSSIE CARL SWANSON Salmon, Idaho
ASA AUSTIN ROBLEY Corvallis	CLAIRE GORDON TITTLE Tillamook
DAVID MURDOCK ROCKWOOD Portland	ROBERT STUART TROUTON Portland
JOHN BOUGHER ROWLAND Corvallis	ALLEN LEMUEL TWEEDDALE Portland
ROBERT EMMANUEL ROY Portland	WESLEY LEROY VAUGHAN Mitchell
JACK RUTH Eugene	VERN WISNER VOSS Albany
HARRY WELLINGTON RUTHERFORD Terrebonne	WILLIAM MAHLER WACHTER Mill City
JOHN ALFRED RUTHERGLEN Portland	WILLIAM MACNELLEY WEDDELL Portland
EMILE HENRY SANDOZ Corvallis	HENRY ARTHUR WHITE, JR. Portland
MELVIN HENRY SCHMOKEL Portland	DONALD CARL WIMBERLY Roseburg
MILTON CONWELL SHEELY Corvallis	FRANK WILLIAM WOODFIELD, JR. Astoria
MARION NICHOLAS SIGOVICH Portland	FREDERICK WILTON YOUNGER Medford

## School of Forestry

George Wilcox Peavy, Dean

Earl George Mason, Assistant Dean

The School of Forestry offers major curricula in the following fields: technical forestry (with an option in forest recreation), logging engineering, and wood products.

### BACHELORS OF SCIENCE

GRAYDON MOORE ADCOCK Yamhill	FLOYD EDMISTON Willamina
GRANT WILLIAM ALLISON Portland	JAMES MEDLEY ELLIS Portland
WALLACE EDWARD ANDERSON Eugene	WILLIAM HENRY ESCHWIG Whitefish, Montana
WORTH BLACKER Corvallis	WILLIAM LOUIS FLIEDNER, JR. Portland
LOUIS BLACKERBY Oak Grove	CHARLES LAUREN FOSTER Corvallis
GILBERT MENDENHALL BOWE Portland	RICHARD CHARLES FRY Portland
BARTON HOYT BROWN Roseburg	LEE GABIE Portland
JOHN ARCHIBALD CARNEGIE Albany	LAWRENCE CHRISTIAN GANGLE Sherwood
JAMES HAROLD CROCKETT Baker	RAY IRWIN GLASGOW Prineville
WOODROW LINEOL DAMERELL La Grande	RUDOLF FERDINAND GRAH, JR. San Diego, California
RUSSELL BENJAMIN DAVEY Salem	JOHN BOOTH HALVERSON Eugene
SAM JAMES DAVIS Arcata, California	FRANK LOWELL HAMILTON Gold Beach
RICHARD EDWARD DECAMP Elkton	HERBERT LEON HAMMOND, JR. Portland
HOWARD RUSSELL DELANO Oregon City	GEORGE MATHEW HANSEN Portland
JAMES WILLIAM DEYOUNG, JR. Portland	MYRL HAYGOOD Chitwood

## School of Forestry—Continued

MERTON FREDERICK HAYMAN Portland	MARCELLUS PALMER Corvallis
MARVIN LEROY HELLAND Yoncalla	GLENN BRICE PARSONS Prairie City
JIMMIE ANDERS HENRY Anaheim, California	JOHN CLARK PLANKINTON Portland
HAROLD HERBERT HESSIG Corvallis	FREDERICK JAMES PRATT Paisley
FRANCIS HICOK Corvallis	JOHN ARTHUR PRIDEAUX Portland
JAMES EDWARD HILL Portland	ROBERT GEORGE RUEGG Boring
OLIVER KEITH HUTCHISON Pilot Rock	HERBERT CONRAD SAMPERT Portland
CURTIS JESTER Portland	FRANK PARRY SCHRIVER Sheridan, Wyoming
GENE DAVID KNUDSON Weston	ANDREW DANIEL SHOEMAKE Baker
JOE MARION LEBE Toledo	RICHARD KENT SKYLES Astoria
GEORGE ADALORD LESLIE Portland	JOHN BENJAMIN SMITH Tiller
CHARLES GAILLORD LOOMIS Klamath Falls	FAYE HILL STEWART Cottage Grove
STANTON EDMUR LYON Portland	BYRON HENRY STODDARD Butte Falls
FRANK WILLIAM MCPHERSON Astoria	LESLIE SULLIVAN Hilgard
EDWARD LOUIS MINOGGIE Portland	NORMAN ROBERT SUMNER Salem
VANCE LESLIE MORRISON La Grande	ELMER LEONARD SURDAM Eugene
ARTHUR JOEL NEWBERG Portland	DARROW THOMPSON Eugene
STANLEY OSCAR NORMAN Portland	LOUIS LISLE WALKER Beaverton
BERNARD LEO ORELL Portland	ANGUS WARE Corvallis

JAMES WILLIAM WATTS  
Madras

## School of Home Economics

Ava B. Milam, Dean

Jessamine Chapman Williams, Acting Dean

The School of Home Economics offers instruction in the arts and sciences, particularly as applied in the home and family life, through departments of clothing, textiles, and related arts; foods and nutrition; home economics education; household administration, including child development and parent education; and institutional management. Two types of major curricula in home economics are offered, one emphasizing the liberal, the other the professional phases.

### BACHELORS OF ARTS

DOROTHY COOK Portland	ELSIE NOMURA Portland
MARY LUCILLE FERGUSON Corvallis	ELISEBETH RUTH STANLEY Oceanside
MARGARET ARMSTRONG JACKSON Corvallis	VIVIAN MARIE WIDMER Portland

### BACHELORS OF SCIENCE

FRANCES ELIZABETH ARNSPIGER Medford	ZORA ELNORA BERRY Monmouth
RUTH ADELENE BECKMAN Portland	ERMA BLACK Portland

School of Home Economics—Continued

DOROTHY IRENE BRANDON Corvallis	HARRIET BAZLEY KLEINSORGE Silverton
JANICE ANNE CARPENTER Salem	JEAN LANGILLE Salem
BETTY MILDRED CHANDLER Eugene	MARJORIE LEWIS Portland
JUNE JOAN CLARK Portland	JEAN ELIZABETH McELHINNY Salem
ELLEN LAVON COX Grass Valley	BETTY QUEEN MACDANIELS Portland
NANCY JANE COX Heppner	HELEN MARIE MASSEY Portland
CAROL GENEVE DASCH Salem	MARGARET FAYE MENIG Portland
JANET ANDERSON DAWSON Corvallis	MILDRED MORAN Tulare, California
MURIEL LANE DAWSON Hayward, California	RHETA HOPE MORRISON Mulino
JEAN ELIZABETH DEWITT Portland	EDITH JEAN MUNSON Corvallis
MARIAN MAY DONALDSON Corvallis	GETRUDE KAREN NELSEN Corvallis
MARY LOIS DRIGGS Salem	ADREEN NICHOLS Lebanon
LAVERNA BENNETT DRUMMOND Corvallis	SARA MARGARET NYE Coquille
MARIAN LUCILLE DUNNE Portland	RUTH MARGARET OLESON Portland
HELEN MARION EDMONDS Portland	ELIZABETH CORNELIA PARSONS Burlingame, California
BARBARA HELEN EMILY Portland	MARIE ELIZABETH PELL Pendleton
MARIAN JANE FARRELL Portland	MARY LEE PENNOYER Eugene
BETTY FELKER Portland	IRENE FRUITT Springfield
PAULINE MARGARET FISCHER Hillsboro	ELNOR LEVINA PURCHASE Pendleton
ESTHER PETREA FROST Portland	MARY ASHBY RAUCH Portland
HARRIET ELEANOR FULLENWIDER Carlton	BETTY RAY Alhambra, California
ELEANOR JANE GIBBON Hines	ELIZABETH ABBOTT REDELINGS San Diego, California
BETTY ANN GOLDSMITH San Diego, California	EMMALENE CLARA REDEZKE Forest Grove
BETTY JANE GRANNIS Clatskanie	MARJORIE PATRICIA REILLY Parkdale
RITA ADELE HARMER Portland	DOROTHEA ROLFSNESS Portland
DOROTHY LOUISE HARSTAD Freewater	HELEN MAE RUZIC Eureka, California
JENNIE JUNE HATCH Falls City	HAZEL ARLINE SAREMAL Milwaukie
FLORENCE ALTA HAYDEN Portland	GRETCHEN LOUISE SEMON Klamath Falls
ROBERTA JANE HEIDRICH Sprague River	VIOLA BRAINERD SHAFFER Corvallis
YVONNE HOLLENBECK Corvallis	JESSIE MARGARET SMALL Silverton
KATHLEEN GENIEVE HOUGLUM Eugene	EILEEN SMITH Portland
KATHLEEN ROBERTSON HOYT Portland	MARJORIE TRYON TOWER Salem
LUCILE HUNTINGTON Yoncalla	EDITH MILDRED TOWNER Portland
JEAN INGLIS Stayton	ORALEA VANNICE Klamath Falls
JENNIE ELINOR JACKSON Corvallis	ANNE VANSCOY Salem
BARBARA ANN JOHNSON Arcata, California	THERESA MAE VARNEY Fresno, California
MARGARET SEARGEANT JOHNSON Salem	DOROTHY ELIZABETH WALKER Portland
LILA DORIS KARVONEN Portland	LAURA PHILBRICK WELLS Corvallis
MARJORIE GLENADINE KINNEAR Milton	MARGARET LOUISE WEST Portland

## School of Home Economics—*Continued*

MARGARET ANN WIESE  
Portland  
FRANCES SARAH WILLIAMS  
Eugene  
ARDYTHE MARGARET WILSON  
Hood River  
HILDA THELMA WINOGRAD  
Portland

JACQUELIN WOLFER  
Portland  
EVELYN LUCILLE YOCUM  
Estacada  
BARBARA JEAN YOUNG  
Twin Falls, Idaho  
DOROTHY JEAN YOUNG  
Sherwood

## Nursing Education

Richard Benjamin Dillehunt, Dean  
University of Oregon Medical School

Students in nursing education who have taken their freshman and sophomore work on this campus receive their degrees from the State College after completing their curriculum at the University of Oregon Medical School, Portland.

### BACHELORS OF ARTS

LOIS ADELINE ROSE  
Parkdale

MARGARET ELIZABETH YOUNGER  
Medford

### BACHELORS OF SCIENCE

CATHARINE ANNE BARRY  
Lakeview

VERA GLENROSE WHITNEY  
Albany

## School of Pharmacy

Adolph Zieffe, Dean

The School of Pharmacy offers major curricula in practical pharmacy and professional pharmacy.

### BACHELORS OF SCIENCE

ROBERT KENNETH BERMAN  
Corvallis  
JESSE NICHOLS BUTLER  
Corvallis  
RONALD GILLETTE ESSON  
Corvallis  
WILLIAM DONALD FOWLER  
Portland  
EDWARD JOHN GREYERBIEHL  
Corvallis  
FRANK ROBINS HENRY  
Bandon  
GERALD HOMAN  
Enterprise  
JACK KADAU  
Aumsville

RICHARD EDMUND LUEHRS  
Ontario  
JOHN DEE MCPHERSON  
Albany  
EVERETT HOWARD NEWHOUSE  
Portland  
LILLIAN MARGARET POLSON  
Portland  
MAX SHAPIRO  
Brooklyn, New York  
R DEAN L SMITH  
Fort Collins, Colorado  
JACOB WADE STUART  
Corvallis  
ALBERTA IMOGENE WILSON  
Sutherlin

# Secretarial Science

Victor Pierpont Morris, Dean

Secretarial Science, a four-year major curriculum, is allocated at the State College under the administration of the Dean and Director of Business Administration in the Oregon State System of Higher Education.

## BACHELORS OF SECRETARIAL SCIENCE

BEATRICE ORCELIA AGNEW Portland	HILDA MILDRED MEIUS Dundee
EDITH MONTANA BOWMAN Scio	NEDRA FRANCES MERCER Condon
LOIS ELIZABETH BROWN Corvallis	JANE EVELYN MILLER Portland
ISABEL MARIE BURKE Portland	MARJORIE ANN MILLS Corvallis
FRANK ROBERTS BURR Portland	JOSEPH DONALD MITCHELL Corvallis
BERNHARDINE BUSSE Corvallis	HELEN MYERS Scio
VERNA MILDRED CONE Bend	ARTHUR HERBERT NELSON Portland
VERNITA MAE COON Shedd	ROXANNE ELIZABETH PHOENIX Jerome, Idaho
WILLIAM MARCUS CORWIN Bend	DON ROBERT PIATT Forest Grove
RUTH ANNE CRAWFORD Butte Falls	MARION ISOBEL PROUTY Warrenton
RUTH CHARLOTTE DUNNING Pendleton	ELOISE EMILY RAU St. Helens
CATHRYN MAY EATON Salem	EVERETT JOSEPH REYNOLDS La Grande
JAMES CALVIN EDWARDS Corvallis	IAN FINDLAY ROBERTSON Portland
DOROTHY MAY FREAR Roseburg	DOROTHY TENNESSEE SAMSEL Hillsboro
MARY PRISCILLA GALLAGHER Sacramento, California	MARGARET VIRGINIA SCHELL Corvallis
VERA EVELYN GARRISON Nyssa	ROBERT DONALD SCHULZ Portland
GRACE ARVILLA HATHAWAY Corvallis	CHARLES HARRY SHORT Portland
OLGER GUNNAR HELLAND Yoncalla	STELLA REGENIA SHUCK Klamath Falls
JANET ELIZABETH HINKLE Portland	LOUISE AMEJORG SLAGSVOLD Bend
CATHRIN HOFFMAN Vernonia	CORNELIA ERLEAN SMILEY Freewater
JAMES VIRGIL JOHNSTON, JR. Portland	CATHERINE SMITH Albany
CLIFFORD FREDERICK KIDBY Lebanon	VIRGINIA STOUT Glenns Ferry, Idaho
MARY AGNES LABERTEW Portland	LUCILLE THOMPSON La Grande
RUTH ELIZABETH LANGE Portland	BETTY THORNDIKE Medford
ELEANOR EDITH MCKEE Portland	JESSIE JANET VOIT Corvallis
BARBARA MACKE Shelton, Washington	FLOYD MARCUS WALTZ Salem
HAROLD ARTHUR MACKIN Cottage Grove	JAMES THOMAS WELSH Portland
VIOLET IDA MARTIN Westport	MURIEL MAE WHITTAKER Bend



# Advanced Degrees

*The audience is requested not to applaud the awarding of individual degrees but to reserve all demonstrations of approval until the group of advanced degrees has been conferred.*

## Graduate Division

Olof Larsell, Dean

Willibald Weniger, Assistant Dean

The Graduate Division in the Oregon State System of Higher Education has jurisdiction over all graduate work throughout the System leading to other than strictly professional degrees. At the State College is centered all graduate study in the biological sciences, the physical sciences including mathematics, and the professional fields of agriculture, education (phases allocated at State College), engineering, forestry, home economics, and pharmacy.

### MASTERS OF ARTS

CLAUDINE VIRGINIA DAVOLT

Kelso, Washington

B.A., 1935, Oregon State College.

Major: Education. Minor: Business Administration.

Thesis: A Study of the Reactions of Students at Oregon State College to their Curricula and Instruction.

WILLIAM GRAF

Independence

B.S., 1938, Oregon State College.

Major: Zoology. Minor: Fish and Game Management.

Thesis: The Distribution of Amphibia and Reptiles in Lincoln, Benton, and Linn Counties.

KATHERINE WHIPPLE HUGHES

Corvallis

B.S., 1928, University of Washington.

Major: Botany. Minor: Geology.

Thesis: A Contribution toward a Bibliography of Oregon Botany with Notes on the Botanical Explorers of the State.

CAROLYN ETMO JOHNSON

McMinnville

B.S., 1937, Oregon State College.

Major: Chemistry. Minor: General Science.

Thesis: Determination and Recovery of the Platinum Metals from Dilute Solution.

HOWARD WENDELL KRUSE

Hood River

B.A., 1937, Oregon State College.

Major: Chemistry. Minor: Bacteriology.

Thesis: Studies on the Bactericidal Action of the Noble Metals.

WILLIAM MYRON MCKEE

St. Paul, Minnesota

B.S., 1937, College of St. Thomas, St. Paul, Minnesota.

Major: Physical Chemistry. Minor: General Chemistry.

Thesis: Differential Heat Capacity Curves for Salts of Hydrazine.

SUE ROBBINS STANBERY

Portland

B.S., 1937, Oregon State College.

Major: Chemistry. Minor: Bacteriology.

Thesis: The Effect of Pantothenic Acid on the Growth of Various Genera of Bacteria.

### MASTERS OF SCIENCE

HERBERT CHRISTIE AITKEN

Kentville, Nova Scotia, Canada.

B.S.A., 1934, Ontario Agricultural College, Canada.

Major: Food Industries. Minor: Chemistry and Horticulture.

Thesis: Some Factors Affecting the Use of Sterilamp Radiation for Sterilizing Apple Juice.

## Advanced Degrees—Continued

- ALFRED THOMAS ALLEN  
Corvallis  
B.S., 1935, Oregon State College.  
Major: Industrial Education. Minor: Education.  
Thesis: Interstate Certification of Industrial Arts Teachers for Secondary Schools.
- DANA PRESTON BERGHUIS  
Auburn, Washington  
B.S., 1937, State College of Washington.  
Major: Fish and Game Management. Minor: Animal Husbandry.  
Thesis: Mule Deer Problem of the Malheur National Forest, Oregon.
- A BURR BLACK  
Corvallis  
B.S., 1916, Oregon State College.  
Major: Entomology. Minor: Botany.  
Thesis: History and Distribution of Bee Diseases in Oregon.
- JOHN CURTIS BLEVINS  
Monmouth  
B.S., 1931, Oregon State College.  
Major: Education. Minor: Psychology.  
Thesis: The Machine Reporter: Its History, Description, and Keyboard Validation.
- LAVERNE BRANDSTATT  
Chico, California  
A.B., 1935, Chico State College.  
Major: Industrial Education. Minor: Education.  
Thesis: The Status of Practical Electricity in the High Schools of Northern California: A Proposed Program.
- ELIZABETH ALICE CAMERON  
State College, California  
B.S., 1937, Oregon State College.  
Major: Household Administration. Minor: Education.  
Thesis: Recommendations for Planning a Home Management House at Oregon State College Based on a Study of Needs.
- ALFRED BERNARD CARTER  
Portland  
B. S., 1926, Oregon State College.  
Major: Education. Minor: Mathematics.  
Thesis: The Construction and Use of Simple Instruments in Secondary School Mathematics.
- VERNON HENDRUM CHELDELIN  
Corvallis  
B.A., 1937, Reed College.  
Major: Organic Chemistry. Minor: Chemical Engineering and Physical Chemistry.  
Thesis: The Determination of Ethylene in the Internal Atmosphere of Plant Tissues.
- RUTH CHINDGREN  
Colton  
B.S., 1928, Oregon State College.  
Major: Household Administration. Minor: Home Economics Education.  
Thesis: A Study of Housing Needs of Renting Families and Available Renting Facilities in Ontario, Oregon.
- GUS JOHN CHOHLIS  
Corvallis  
B.S., 1937, University of Idaho.  
Major: Animal Husbandry. Minor: Fish and Game Management.  
Thesis: A Survey and Analysis of the Range Forage Inventory Methods.
- YEU WING CHOW  
Hongkong, China  
B.S., 1936, Sun Yet-Sen University, China.  
Major: Horticulture. Minor: Food Industries and Vegetable Crops.  
Thesis: Experimental Studies Relating to the Storage and Ripening of Some Oriental and Hybrid Pears, with Variety Descriptions.
- JAMES FREDERICK COOK  
Myrtle Creek  
B.S., 1938, Oregon State College.  
Major: Physical Chemistry. Minor: Analytical Chemistry.  
Thesis: Electrolytic Dissociation Contents of Substituted Hydrazines.
- WILLIAM BRIDGE COOKE  
Mount Shasta, California  
B.A., 1937, University of Cincinnati.  
Major: Mycology and Plant Pathology. Minor: Plant Taxonomy.  
Thesis: Resupinate Pore Fungi in Oregon.
- ARTHUR KENDRICK CREWS  
Roseburg  
B.S., 1934, State College of Washington.  
Major: Fish and Game Management. Minor: Animal Husbandry.  
Thesis: A Study of the Oregon White-tailed Deer, *Odocoileus virginianus leucurus* (Douglas).

## Advanced Degrees—Continued

- EPHRAIM ALFRED DANIELSON  
 North Platte, Nebraska.  
 B.S., 1931, University of Nebraska.  
 Major: Fish and Game Management. Minor: Farm Management.  
 Thesis: An Analysis of Farmer-Sportsmen Relationships as a Guide to Upland Game Management in the Willamette Valley, Oregon.
- JOHN EMERSON DAVIS  
 Corvallis  
 B.S., 1932, Albany College.  
 Major: Entomology. Minor: Botany.  
 Thesis: Pterophoridae of Oregon (Plume Moths of Order Lepidoptera).
- AMO DEBERNARDIS  
 Portland  
 B.S., 1937, Oregon State College.  
 Major: Education. Minor: Industrial Arts.  
 Thesis: The Organization and Construction of Film Slides as an Aid to Instruction in the General Shop.
- KEENE PAUL DIMICK  
 Palo Alto, California  
 A. B., 1937, San Jose State College.  
 Major: Chemistry. Minor: Chemical Engineering and Physical Chemistry.  
 Thesis: Analysis of Essential Oils from Certain Coniferous Woods.
- JAMES VICTOR DIXON  
 Corvallis  
 B.S., 1931, Oregon State College.  
 Major: Education. Minor: Educational Psychology.  
 Thesis: An Evaluation of the Intramural Athletic Program for Men at Oregon State College.
- ROBERT EDWARD EAKIN  
 La Grande  
 B.S., 1937, Oregon State College.  
 Major: Organic Chemistry. Minor: Physical Chemistry.  
 Thesis: Biotic Acid, A New Growth Principle.
- DONALD LINDSEY ERICKSON  
 Longview, Washington  
 A.B., 1935, Willamette University.  
 Major: Chemistry. Minor: Chemical Engineering.  
 Thesis: Solvent Fractionation of Lignin Prepared from Western Hemlock by Extraction with Benzyl Alcohol.
- GEORGE RAY FERGUSON  
 Corvallis  
 B.S., 1936, Oregon State College.  
 Major: Entomology. Minor: Zoology.  
 Thesis: Laboratory Studies on the Effectiveness of Insecticidal Materials against *Diabrotica soror* Leconte.
- DOROTHY CHAFFEE FITZPATRICK  
 Calexico, California  
 B.S., 1925, University of Washington.  
 Major: Clothing, Textiles, and Related Arts. Minor: Foods and Nutrition, and Education.  
 Thesis: Mexican Crafts in Relation to Related Arts in the Calexico Public Schools.
- FREDERICK FUHRMAN  
 Coquille  
 B.S., 1937, Oregon State College.  
 Major: Pharmacy. Minor: Physiology.  
 Thesis: A Study of the Effects of Some Medicinal Agents on Breeding Problems of Fur-Bearing Animals.
- PAUL GIDDINGS  
 Tehachapi, California  
 B.S., 1924, Oregon State College.  
 Major: Education. Minor: Industrial Education.  
 Thesis: A Study of Position Improvement Among Teachers.
- THEODORA MARIE GUSTAFSON  
 Richland  
 A.B., 1931, Willamette University.  
 Major: Plant Biology. Minor: Education.  
 Thesis: The Flowering Plants of Dry Creek Fall Trail (Columbia Gorge).
- LEROY ROBERT HANSEN  
 Norman, Nebraska  
 B.S., 1937, University of Nebraska.  
 Major: Farm Crops. Minor: Soils.  
 Thesis: An Ecological and Taxonomic Study of the Root Development and the Vegetative Characters of Certain Economic Bent Grasses, *Agrostis* Species.

## Advanced Degrees—*Continued*

- JESSIE AUDREY HARPER  
Junction City  
B.S., 1935, Oregon State College.  
Major: Institution Economics. Minor: Foods and Nutrition.  
Thesis: A Comparative Study of Quantities of Food Consumed by Men and Women Students at Oregon State College.
- BAYARD WALTER HILLWAY  
Corvallis  
B.S., 1938, Oregon State College.  
Major: Dairy Manufacturing. Minor: Chemistry and Bacteriology.  
Thesis: The Vaccration of Cream for Butter.
- ELLIOTT CHARLES HUTTON  
Marion, Iowa  
B.A., 1936, Iowa State Teachers College.  
Major: Industrial Education. Minor: Education.  
Thesis: A Suggested Plan of Evaluation for Departments of Industrial Arts Teacher Education.
- KARL RICHARD JOHNSON  
La Grande  
B.S., 1937, Oregon State College.  
Major: Analytical Chemistry. Minor: Inorganic Chemistry.  
Thesis: A Cerometric Method of Determining Sulfates.
- HERBERT RAYMOND JOHNSTON  
Corvallis  
B.S., 1931, University of Illinois.  
Major: Electrical Engineering. Minor: Mathematics, Physics.  
Thesis: The Calculation and Measurement of Phase Shift in Wide-Band Amplifiers.
- GEORGE HAGOP KALOOSTIAN  
Fowler, California  
A.B., 1935, Fresno State College.  
Major: Entomology. Minor: Botany.  
Thesis: Life History and Control of the Grape Leaf Folder in the San Joaquin Valley, California.
- ESTHER ELIZABETH KAMMERER  
Lebanon  
B.S., 1932, Oregon State College.  
Major: Household Administration. Minor: Home Economics Education.  
Thesis: Arrangements Needed for the Home Storage of Pre-school Children's Play Materials.
- JOSEPH JAY KILPATRICK  
Palo Alto, California  
A.B., 1924, Santa Barbara State College.  
Major: Industrial Education. Minor: Education.  
Thesis: Fundamental Factors in the Evolution of Nonvocational Auto-Mechanics.
- RICHARD BRYANT KNOTTS  
Albany  
A.B., 1933, Albany College.  
Major: Education. Minor: Chemistry.  
Thesis: Analysis of Studies on Formal Discipline.
- JAMES CLEMENT LEWIS  
Lewisville, Minnesota.  
Bachelor of Chemistry, 1936, University of Minnesota.  
Major: Soils and Agricultural Chemistry. Minor: Physical Chemistry.  
Thesis: Iodine in Relation to Plant Growth and Composition.
- LEON BIRD LOSEY  
India  
B.A., 1921, Walla Walla College.  
Major: Poultry Husbandry. Minor: Dairy Husbandry.  
Thesis: Influence of Egg-Laying Contests.
- GENE HAROLD McCLAIN  
La Grande  
B.S., 1937, Oregon State College.  
Major: Food Industries. Minor: Chemistry.  
Thesis: Factors Causing Shrinkage of Brined Cherries.
- ANN ELIZABETH McCLEW  
Eugene  
B.S., 1929, Oregon State College.  
Major: Household Administration. Minor: Home Economics Education.  
Thesis: Attitudes of One Hundred Twelve Married Men and Women toward Adjustment in Family Living.

## Advanced Degrees—Continued

- BUENA MARGASON MARIS**  
Corvallis  
B.A., 1936, College of Puget Sound.  
Major: Household Administration. Minor: Home Economics Education.  
Thesis: An Analysis of One Hundred Fifty College Students' Attitudes Towards Content of Course in Family Relationships.
- BANNER BILL MORGAN**  
Newberg  
B.S., 1937, Oregon State College.  
Major: Animal Industries. Minor: Zoology.  
Thesis: Survey of Internal Parasites of Poultry and Game Birds in Oregon.
- HARRY STONE MOSHER**  
Salem  
A.B., 1937, Willamette University.  
Major: Organic Chemistry. Minor: Physical Chemistry.  
Thesis: Studies in the Pinacol-Pinacolone Rearrangement.
- MAURICE JOHN MUNDORFF**  
Corvallis  
B.S., 1938, Oregon State College.  
Major: Geology. Minor: Mining Engineering.  
Thesis: Geology of the Salem Quadrangle, Oregon.
- THOMAS FRANCIS O'NEILL**  
Forest Grove  
B.S., 1938, Oregon State College.  
Major: Geology. Minor: Chemistry.  
Thesis: The Geology of the Stayton Quadrangle, Oregon.
- HENDRIK JACOB OORTHUYNS**  
Corvallis  
B.S., 1934, Oregon State College.  
Major: Electrical Engineering. Minor: Mechanical Engineering and Mathematics.  
Thesis: A Study of Direct-Current Corona on Parallel Wires in Air.
- DENNIS WILMER PATCH**  
Redmond  
B.S., 1932, Oregon State College.  
Major: Education. Minor: Measurements and Educational Psychology.  
Thesis: An Analysis of the Rules and Regulations of State Athletic Associations in the United States.
- RUTH ELLEN PORTER**  
Albany  
B.A., 1918, University of Montana; M.A., 1929, University of Oregon.  
Major: Mathematics. Minor: Physics.  
Thesis: Fourier's Series for Practical Use.
- ERNEST FAY PRATT**  
Corvallis  
B.A., 1937, University of Redlands.  
Major: Organic Chemistry. Minor: Chemical Engineering and Physical Chemistry.  
Thesis: The Effects of Pantothenic Acid on Respiration Activity.
- HOWARD WILLIAM RAABE**  
Portland  
B.S., 1935, Oregon State College.  
Major: Education. Minor: Physical Education.  
Thesis: A Scale for Grading the Physical Education Performance of College First-Year Men.
- STANLEY CORNELIUS ROLFSNESS**  
Portland  
B.S., 1937, Oregon State College.  
Major: Food Industries. Minor: Chemistry.  
Thesis: An Improved Method of Concentrating Fruit Juices, with Special Reference to Apple Juice.
- ROBERT GEORGE ROSENSTIEL**  
Portland  
B.S., Science, 1937, Oregon State College; B.S., Education, 1938, Oregon State College.  
Major: Entomology. Minor: Plant Ecology.  
Thesis: Life History and Morphology of *Cremona cotoneastri* Busck (Cotoneaster Webworm) Order Lepidoptera.
- PHYLLIS ROSS**  
Tupman, California  
B.A., 1932, San Jose State College.  
Major: Household Administration. Minor: Education.  
Thesis: An Analysis of Parent Practices in the Selection and Use of Books Found in Home Libraries of 48 Pre-school Children.

## Advanced Degrees—*Continued*

- LOYD OTTO SCHAAD  
Newberg  
B.S., 1938, Oregon State College.  
Major: Horticulture. Minor: Entomology and Plant Pathology.  
Thesis: The Use of Hormones in the Rooting of Cuttings.
- ARLESS ASMAN SPIELMAN  
Corvallis  
B.S., 1937, University of Minnesota.  
Major: Dairy Husbandry. Minor: Veterinary Medicine.  
Thesis: The Inheritance of Fertility in Dairy Cattle.
- MARY ELIZABETH STAYTON  
Sebastopol, California  
B.S., 1936, Oregon State College.  
Major: Household Administration. Minor: Clothing and Textiles.  
Thesis: Heights for High School Clothing Laboratory Tables Based on Measurements of 100 Girls.
- HAROLD LEANDER STILES  
Nogales, Arizona  
B.A., 1932, University of Arizona.  
Major: Industrial Education. Minor: Education.  
Thesis: A Study of Industrial Arts Supervision in Schools not Employing Special Supervisors.
- ROY EDGAR STOUT  
Corvallis  
B.S., 1938, Oregon State College.  
Major: Dairy Manufacturing. Minor: Chemistry.  
Thesis: Chemical and Physical Characteristics of the Milk Fat Produced in the Alfalfa Producing Sections of Eastern and Southern Oregon.
- MALCOLM WINSTON STRANSKY  
Milwaukie  
B.S., 1938, Oregon State College.  
Major: Mechanical Engineering. Minor: Chemical Engineering.  
Thesis: Heats of Hydration of Pacific Coast Cements.
- TSENG-MIN SUN  
Shanghai, China  
B.A., 1931, Yenching University, China.  
Major: Household Administration. Minor: Education and Psychology.  
Thesis: The Development of a Controlled Observational Method for Measuring Selected Personality Traits of Pre-school Children.
- MAURICE STEINMETZ TARSHIS  
Portland  
B.A., 1936, Reed College.  
Major: Zoology. Minor: Bacteriology.  
Thesis: The Culture of Surgical Maggots and Clinical Aspects of Maggot Therapy.
- BERNARD ILIFF VALENTINE  
Boise, Idaho  
B.S., 1935, University of Idaho.  
Major: Electrical Engineering. Minor: Mechanical Engineering.  
Thesis: Interconnection of Electric Power Systems in the Northwest.
- LLOYD EUGENE VAN BLARICOM  
Corvallis  
B.S., 1937, Oregon State College.  
Major: Chemistry. Minor: Mathematics.  
Thesis: Studies on Dielectric Polarization: (1) The Amino Benzoic Acids; (2) Carbon Disulfide-Chloroform Mixtures; (3) Para Dichlorobenzene and Para Toluene.
- WILLIAM JAMES JENNINGS WALSH  
Palo Alto, California  
B.S., 1936, Oregon State College.  
Major: Electrical Engineering. Minor: Mathematics.  
Thesis: A Study of Direct-Current Corona on Parallel Wires in Air.
- LAURA PHILBRICK WELLS  
Corvallis  
B.S., 1939, Oregon State College.  
Major: Foods and Nutrition. Minor: Education.  
Thesis: Food Consumption of Fourteen Children at the W.P.A. Nursery School, Corvallis, Oregon.
- HSI HSUAN YU  
Peiping, China  
B.S., 1934, Yenching University, China.  
Major: Foods and Nutrition. Minor: Institution Economics and General Home Economics.  
Thesis: The Calcium and Phosphorus Losses of Cooking Vegetables in Fat.

## Advanced Degrees—*Continued*

### MASTERS OF EDUCATION

- TROY WALKER  
Portland  
B.A., 1927, State College of Washington.  
Major: Education. Minor: Guidance.  
Thesis: A Study of Secondary-School Libraries in Oregon, with Special Reference to Housing Facilities and Equipment.
- LAURANCE ALBA WALWORTH  
Honolulu  
B.A., 1923, University of Kansas.  
Major: Education. Minor: Industrial Arts.  
Thesis: An Analytical Study of Papers on Leadership and Leaders.
- FRANCES LUCILLE WELCH  
Salem  
B.S., 1928, Oregon State College.  
Major: Education. Minor: Mental Hygiene and Household Administration.  
Thesis: Adjustment Problems of Girls in a Special High School.

### MASTERS OF FORESTRY

- ALVA BLACKERBY  
Oak Grove  
B.S., 1937, University of Oregon.  
Major: Forestry. Minor: Education.  
Thesis: A Method of Rating Forest Service Employees.
- GUILLERMO PONCE  
Philippines  
B.S.F., 1936, University of Philippines.  
Major: Logging Engineering. Minor: Wood Products.  
Thesis: A Study of Motor Truck Log Transportation in the Douglas Fir Region and its Application to the Philippine Logging Industry.

### ELECTRICAL ENGINEER

- ARTHUR LEMUEL ALBERT  
Corvallis  
B.S., 1923, Oregon State College; M.S., 1926, Oregon State College.  
Thesis: Fundamental Electronics and Vacuum Tubes.

### MECHANICAL ENGINEER

- WILFRID ESTILL JOHNSON  
Fort Wayne, Indiana  
B.S., 1930, Oregon State College.  
Thesis: Balancing the Connecting Rod Linkage.

### FOREST ENGINEERS

- DONALD NAVARRE MATTHEWS  
Portland  
B.S., 1920, Oregon State College.  
Thesis: What Can Research Contribute to the Prevention of Forest Fires?
- SINCLAIR ALBERT WILSON  
Portland  
B.S., 1910, Oregon State College; M.S., 1930, Oregon State College.  
Thesis: Mapping the Status of Tax-Delinquent Private Lands and the Location of Public Lands in the Rural Areas of Oregon.

### DOCTORS OF PHILOSOPHY

- VERNON CLIFFORD BUSHNELL  
Corvallis  
A.B., 1934, Willamette University; M.S., 1936, Oregon State College.  
Major: Agricultural Chemistry and Soils. Minor: Physical Chemistry.  
Thesis: Potassium Availability in Some Oregon Soils.
- KENNETH NEIL McLEOD  
Corvallis  
B.S., 1932, Montana State College; M.S., 1935, Oregon State College.  
Major: Chemistry. Minor: Metallurgy.  
Thesis: Alkaline Sulfide Leach of Cinnabar Ore and Electrolytic Deposition of Mercury from the Leach Solution.
- WILLIAM ROY VARNER  
Corvallis  
B.S., 1912, Oregon State College; M.S., 1932, Oregon State College.  
Major: Physics. Minor: Electrical Engineering and Mathematics.  
Thesis: The Rotating Sector Disk as Used in an Optical Pyrometer.

# Honorary Degrees

## MASTER OF AGRICULTURE

ALBIN DUNLAP MOLOHON

Chief of range management for 110,000,000 acres of western grazing lands, including 18,000,000 acres in Oregon; supervisor for the Division of Grazing, United States Department of the Interior, of range surveys and wildlife restoration for the ten western states.

## DOCTOR OF CERAMICS

GLEN LUKENS

B.S., 1920, Oregon State College; creative artist and craftsman; head of the Department of Ceramics, University of Southern California; recognized as one of the world's foremost exhibitors and authorities in ceramics.

## DOCTORS OF SCIENCE

PAUL HUGH EMMETT

Native son of Oregon; B.S., 1922, Oregon State College; Ph.D., 1925, California Institute of Technology; for eleven years a member of the staff of the Federal Fixed Nitrogen Research Laboratory, Washington, D.C.; outstanding chemist; author of many scientific publications; now head of the Division of Chemical and Gas Engineering, the Johns Hopkins University.

JOHN CAMPBELL MERRIAM

B.S., 1887, Lenox College; Ph.D., 1893, University of Munich; for twenty-six years paleontologist at the University of California; for nineteen years president of the Carnegie Institution in Washington, D.C. Oregon is especially indebted to him for the remarkable work he has done in revealing the life of past ages as recorded in the rocks of eastern and central Oregon.

## DOCTOR OF LAWS

JULIUS ALONZO CHURCHILL

B.S., 1883, Ohio Northern University; M.A., 1921, University of Oregon; for forty-eight years a builder of the educational system of this state; organizer of the first high school in Oregon outside the city of Portland; for thirteen years state superintendent of public instruction; for six years president of the Southern Oregon College of Education; for the past seven years president of the Oregon College of Education and director of elementary teacher training in the Oregon State System of Higher Education.



# Phi Kappa Phi

Phi Kappa Phi, national scholastic honor society founded at the University of Maine in 1897, stands for the unity and democracy of learning, and seeks to recognize and promote scholarship in all fields, the liberal arts and sciences as well as professional education. The following list includes those seniors and graduate students who have been elected by Phi Kappa Phi in 1939 or who are already members, the latter being indicated by asterisks. Juniors whose selection by Phi Kappa Phi was announced May 17, 1939, will be eligible for initiation next fall.

## *Faculty elected 1939*

MINNIE DEMOTTE FRICK, B.S., Associate Professor of Secretarial Science  
FRANK LLEWELLYN BALLARD, B.S., Vice Director of the Federal Cooperative Extension Service, State County Agent Leader

## *Graduate Students*

*ARTHUR LEMUEL ALBERT, Engineering	*HOWARD WENDELL KRUSE, Science
ALVA BLACKERBY, Forestry	BUENA MARGASON MARIS, Home Economics
*JOHN CURTIS BLEVINS, Education	ERNEST FAY PRATT, Science
*ALFRED BERNARD CARTER, Education	*SUE ROBBINS STANBERY, Science
VERNON HENDRUM CHELDELIN, Science	ARLESS ASMAN SPIELMAN, Agriculture
*AMO DEBERNARDIS, Education	*LLOYD EUGENE VAN BLARICOM, Science
FREDERICK FUHRMAN, Pharmacy	*WILLIAM JAMES JENNINGS WALSH, Engineering
KATHERINE WHIPPLE HUGHES, Science	
*WILFRID ESTILL JOHNSON, Engineering	

## *Seniors*

*RAYMOND CHARLES AUNGST, Engineering	EMILY MILLER JOHNSON, Education
*EDITH BAKER, Science	JOE BONNER JOHNSON, Agriculture
*WILLIAM JOHN BARCLAY, Engineering	HAROLD ALFRED KIDBY, Engineering
*HAROLD RICHARD BARTEL, Engineering	HERBERT ARTHUR KIDD, Science
*DUIS BOLINGER, Science	*THEODORE TIMOTHY KIRSCH, Agriculture
*ROY C BRADY, Forestry	*GENE DAVID KNUDSON, Forestry
LOIS ELIZABETH BROWN, Secretarial Science	HELEN SHIRLEY LOCKREN, Education
DELBERT WALTER BURKE, Education	JAY LONG, Agriculture
*BERNHARDINE BUSSE, Secretarial Science	WALLACE DEAN LOWRY, Science
*EDMOND CLAIR CALAVAN, Science	CHUNG KWAI LUI, Science
*CAROL ELIZABETH CARNES, Education	*HILDA MILDRED MEIUS, Secretarial Science
*BETTY MILDRED CHANDLER, Home Economics	*CAL GRAHAM MONROE, Agriculture
*CLARA JANE CHAPMAN, Science	DONALD WALTER MOORE, Agriculture
DOROTHY COOK, Home Economics	*RUTH MARGARET OLESON, Home Economics
*RUTH ANNE CRAWFORD, Secretarial Science	JUNE POLLARD, Secretarial Science
IVAN JOHN DONALDSON, Agriculture	*MILOSH POPOVICH, Engineering
*DARLE WILLIAM DUDLEY, Engineering	*MAYNARD LESLEY RINGHAM, Science
BERNICE RUTH ELLE, Education	ROBERT LOYALL RUGH, Science
*RONALD GILLETTE ESSON, Pharmacy	*HERBERT CONRAD SAMPERT, Forestry
*JOHN KEPLINGER FISHER, Science	*MARGARET VIRGINIA SCHELL, Secretarial Science
*EARL RAYMOND FRANKLIN, Agriculture	IRJA SEPPANEN, Education
CLOUDBLY FRENCH, Agriculture	*ANSON HENRY SMITH, Education
*DOROTHY LOUISE HARSTAD, Home Economics	ALICE FRANCES STILES, Agriculture
*FRANK ROBINS HENRY, Pharmacy	*FRANK GILBERT SWANSON, Science
KATHLEEN GENIEVE HOUGLUM, Home Economics	*EARL HAVEN TRYON, Agriculture
JOHN LUTHER HULT, Science	CLYDE MARVIN WALKER, Forestry
*ARTHUR ELBERG HUTCHINSON, Agriculture	*LOUIS LISLE WALKER, Forestry
WILNA LEE IRELAND, Secretarial Science	MARGARET LOUISE WEST, Home Economics
DONALD ROBERT JOHNSON, Agriculture	SAM GOODNOW WILDMAN, Science
	DONALD CARL WIMBERLY, Engineering
	FRANK WILLIAM WOODFIELD, Engineering

# Sigma Xi

(Elections 1939)

The object of the Society of the Sigma Xi is to encourage original investigation in science, pure and applied. The society elects to membership original investigators of noteworthy achievement and students who show promise of research ability in the fields of mathematics, physics, chemistry, astronomy, sciences of the earth, biology in its various branches including psychology, anthropology, medicine in its various branches, engineering in its various branches, and other closely allied fields.

## *Faculty*

EDWARD CLEVELAND CALLAWAY, M.S., Instructor in Chemistry.

WILLIAM HOWARD PAUL, M.S., Assistant Professor of Mechanical Engineering

## *Alumni*

WILLIAM VINCENT HANLEY, Research Department, Standard Oil Company, Richmond, California

WILFRID ESTILL JOHNSON, Resident Engineer, General Electric Company, Fort Wayne, Indiana

## *Graduate Students: Members*

VERNON HENDRUM CHELDELIN, Chemistry  
ROBERT EDWARD EAKIN, Chemistry  
KENNETH NEIL McLEOD, Chemistry

ERNEST FAY PRATT, Chemistry  
MAURICE STEINMETZ TARSHIS, Zoology

## *Graduate Students: Associates*

ROBERT JOSEPH CURRUCINI, Chemistry  
JOHN EMERSON DAVIS, Entomology  
JOHN KEPLINGER FISHER, Mathematics  
FREDERICK FUHRMAN, Pharmacy  
HERBERT RAYMOND JOHNSTON, Electrical  
Engineering  
GEORGE H KALOOSTIEN, Entomology  
CAL GRAHAM MONROE, Farm Crops  
HARRY STONE MOSHER, Chemistry

RICHARD HODGES MOTE, Geology  
MAURICE JOHN MUNDORFF, Geology  
THOMAS FRANCIS O'NEILL, Geology  
DERROL ELWOOD PENNINGTON, Chemistry  
ROBERT ROSENSTIEL, Entomology  
ARLESS ASMAN SPIELMAN, Dairy Husbandry  
SUE ROBBINS STANBERY, Chemistry  
ROY EDGAR STOUT, Dairy Husbandry  
HSI-HSUAN YU, Foods and Nutrition

## *Seniors: Associates*

JOHN WINFIELD ALLEN, Civil Engineering  
DONALD ROBERT JOHNSON, Fish and Game  
Management  
KEITH CORNELIUS KRUCHEK, Mechanical  
Engineering (aeronautical option)

KENNETH WILSON LANGE, Civil Engineering  
ALLEN LEMUEL TWEEDDALE, Electrical  
Engineering

# Prizes and Awards

## THE CLARA H. WALDO PRIZES

The Clara H. Waldo Prizes, totaling \$70 annually, are awarded in the proportions of \$25, \$20, \$15, and \$10 respectively to the woman of highest standing registered as a regular student in the senior, junior, sophomore, and freshman year. The committee having charge of the award of these prizes is guided by the following points: (a) proficiency in scholarship, (b) success in student activities, (c) qualities of womanhood, and (d) qualities of leadership.

### *Senior:*

#### *First Honor—*

DOROTHY LOUISE HARSTAD  
(Home Economics)

#### *Honorable Mention—*

MARGARET LOUISE WEST  
(Home Economics)  
DOROTHY MAY FREAR  
(Secretarial Science)

### *Sophomore:*

#### *First Honor—*

JEANNE HARTMAN  
(Education)

#### *Honorable Mention—*

RAE ELAINE BOWMAN  
(Education)  
CORR BELLE ABBOTT  
(Home Economics)

### *Junior:*

#### *First Honor—*

LENORA MAE CALLAWAY  
(Home Economics)

#### *Honorable Mention—*

JULIA DUNCAN  
(Secretarial Science)  
WAUNETR LEON WILSON  
(Secretarial Science)

### *Freshman:*

#### *First Honor—*

JEAN MARIE MAUNULA  
(Secretarial Science)

#### *Honorable Mention—*

ADELE KNERR  
(Home Economics)  
ROSALIND MOORE  
(Lower Division)

## THE LIPMAN WOLFE PRIZES

The Lipman Wolfe Prizes, totaling \$100 annually, are awarded in the proportions of \$50, \$30, and \$20 respectively to the student of highest standing registered as a regular student in the senior, junior, and sophomore year. The committee having charge of the award of these prizes is guided by the following points: (a) proficiency in scholarship, (b) qualities of manhood or womanhood with special emphasis on unselfishness and kindness, (c) qualities of leadership, and (d) contribution to campus welfare.

### *Senior:*

#### *First Honor—*

DONALD CARL WIMBERLY  
(Engineering)  
CAL GRAHAM MONROE  
(Agriculture)

#### *Honorable Mention—*

DELBERT WALTER BURKE  
(Education)  
RONALD GILLETTE ESSION  
(Pharmacy)

### *Junior:*

#### *First Honor—*

HELYN LOUISE LONG  
(Pharmacy)

#### *Honorable Mention—*

LAWRENCE WILLIAM ZACH  
(Forestry)  
WILLIAM CARL WEIR  
(Agriculture)

### *Sophomore:*

#### *First Honor—*

JAMES ALLEN MARTIN  
(Secretarial Science)

#### *Honorable Mention—*

BERLAN LEMON  
(Lower Division)  
BARBARA CLAIRE JACOBY  
(Secretarial Science)

## Prizes and Awards—*Continued*

### THE CHI OMEGA PRIZE

An annual award of \$25 to the senior woman who is adjudged by a college committee on honors and awards to approach most nearly an ideal of intellect and spirituality and to have exerted the most wholesome influence upon her associates.

HELEN MYERS  
(Secretarial Science)

### THE E. D. RESSLER MEMORIAL

An award of \$50, given by the Oregon State Teachers Association, to the junior preparing to enter the teaching profession who in the judgment of the Education faculty, as approved by the committee on honors and awards, has made the best all-around record as an undergraduate.

HELEN LOE ELLE  
(Secretarial Science)

### PHI SIGMA SCHOLARSHIP AWARD

The Phi Sigma Scholarship Award, in the form of a sterling silver medal, is presented annually by the national organization of Phi Sigma, honor society in biological science, to the outstanding graduating senior student at Oregon State College who has shown creative interest in biology. The purpose of the award is to stimulate interest and application in science, especially in the biological sciences.

EDMOND CLAIR CALAVAN

### THE DRUCILLA SHEPARD SMITH PRIZE

The income from a gift of \$500 is awarded annually to the graduate or undergraduate student who during the year has had published the best article or series of articles dealing with the practical solution of problems that confront women in rural homes.

BETTY-SUE MCCREADY  
(Home Economics)

### LOCEY ATHLETIC AWARD

An award given annually to that senior student who, while maintaining a high standard in athletic participation, citizenship, sportsmanship, and inspirational leadership, has excelled in scholarship.

DON WILLIAM COONS  
(Agriculture)

### THE LAMPLIGHTER AWARD

An award of \$15 and a certificate of achievement to the member of the senior class who during his or her years in college has by example and effort contributed most to the success of *The Lamplighter*.

LOUIS LISLE WALKER  
(Forestry)

### TAU BETA PI LOCAL AWARD

Two awards of \$5.00 each are made annually by the local chapter of Tau Beta Pi for the best papers presented by initiates of the chapter. Certificates of merit also were awarded to six freshmen in Engineering having the highest scholastic standing during the first two terms of this year.

#### *Cash Awards—*

ROBERT STUART TROUTON  
WAYNE WIESNER

#### *Certificates of Merit—*

WILLIAM RUPERT CRANFORD  
CLARK DEHAVEN  
JOHN WALTER DUFFY  
GEORGE EVERED DUVAL  
MELVIN BENARD NELSON  
KENNETH LYLE STRAWN

## Prizes and Awards—*Continued*

### SIGMA TAU AWARD

A medal is awarded each year to the sophomore student in engineering who during his freshman year was the most outstanding student.

WILLIAM BARKER WOOTTON

### ETA KAPPA NU AWARD

A certificate of merit is awarded annually to the outstanding student in the sophomore electrical engineering class. A permanent record of this award is kept on a bronze plaque in Apperson Hall.

WILLIAM HUBBARD HUGGINS

### EPSILON PI TAU AWARD

A certificate of merit is awarded annually to the sophomore in industrial arts who during his freshman year made the greatest progress in scholarship and development of fellowship.

LOUIS AUSTIN DELAPP

### SIGMA XI AWARD

The Oregon State College chapter of The Society of Sigma Xi has established an annual award of \$25 for the best master's thesis in science or related fields. The society reserves the right of nonaward in case no thesis of exceptional merit is submitted.

HERBERT RAYMOND JOHNSTON  
(Electrical Engineering)

### THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS AWARDS

The American Institute of Chemical Engineers (national organization) awards a pin each year to the junior member of the chapter who made the highest record during his freshman and sophomore years.

FRED CARL WOOD

The local student chapter of the American Institute of Chemical Engineers awards annual prizes for the best technical papers submitted by student members.

*First Prize (\$10.00)—*

FRANK ALEXANDER YETT

*Second Prize (\$5.00)—*

JAMES HAROLD McCLAIN

*Third Prize (Merchandise)—*

ALFRED TROMMERSHAUSEN

### THE AMERICAN SOCIETY OF CIVIL ENGINEERS AWARDS

The Oregon Section of the American Society of Civil Engineers awarded two prizes of \$10 each for the best technical papers presented by Oregon State College students in civil engineering.

*First Prize—*

JOHN WINFIELD ALLEN

*Second Prize—*

KENNETH WILSON LANGE

### THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS AWARDS

The Portland Section of the American Institute of Electrical Engineers makes an annual award of one year's associate membership (\$10) in the Institute for the best technical paper presented by an Oregon State College student in electrical engineering.

ALLEN LEMUEL TWEEDDALE

## Prizes and Awards—*Continued*

### THE SOCIETY OF AUTOMOTIVE ENGINEERS PRIZES

The Oregon Section of the Society of Automotive Engineers awards annual prizes for the best technical papers submitted by student members of the Society from institutions in Oregon.

*First Prize (\$25 in cash)—*

HAROLD WEILER AGER

*Second Prize (\$15 in cash)—*

RINALDO BRUN

*Third Prize (\$10 in cash)—*

JOHN ALFRED RUTHERGLEN

*Fourth Prize (merchandise \$18)—*

IRVIN LYLE BYERS

### THE KAPPA DELTA PI AWARD

An award of \$25 is made annually to the sophomore enrolled in education who as a freshman in that school made the highest scholastic average.

JEANNE HARTMAN

### THE WOMEN'S AUXILIARY O.S.P.A. PRIZE

The Women's Auxiliary of the Oregon State Pharmaceutical Association contributes a prize of \$25 annually to be awarded to the outstanding woman student in pharmacy.

ALBERTA IMOGENE WILSON

### THE LEHN & FINK MEDAL

This medal is awarded annually to the senior student in pharmacy who is adjudged the most outstanding in scholarship, leadership, and character.

FRANK ROBINS HENRY

### DAUGHTERS OF THE AMERICAN REVOLUTION AWARD

A prize of \$25.00 is awarded to the senior woman in the State College whose attainments and example distinguish her as an exponent of good American citizenship.

INEZ ELIZABETH ALT

### ALTRUSA AWARD

An award of \$50 given by the Altrusa Club of Portland to a senior woman whose performance during her college years has shown the qualities of integrity, loyalty, and firmness of purpose in making the most of her opportunities.

RHETA HOPE MORRISON

### MORTAR BOARD SENIOR AWARD

An award of \$50, provided by Mortar Board, is presented to the woman who, in adversity as well as good fortune, has demonstrated the qualities of fortitude, confidence, and resourcefulness that make for progress. The award was divided equally between two winners.

MARGARET JACKSON

JEAN DEWITT

### NORTH PACIFIC BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION AWARD

This award, consisting of a year's membership in the American Pharmaceutical Association and a scholarship certificate, is made annually to the outstanding junior in pharmacy.

HELYN LOUISE LONG

## Prizes and Awards—*Continued*

### THE ALPHA ZETA SCHOLARSHIP CUP

The Alpha Zeta Scholarship Cup is awarded during the first term of the sophomore year to the student in agriculture receiving the highest grade average in the freshman class.

MAC LEE FLEMING

### J. A. HANSON SCHOLARSHIP

The J. A. Hanson Scholarship of \$75.00 is awarded annually to the outstanding junior student majoring in poultry husbandry.

JIM ARTHUR HARPER

### SWIFT & COMPANY ESSAY AWARD

An award of \$130 is given to the student registered in agriculture who submits the best essay on any phase of the methods employed by the meat-packing business in marketing meats, poultry, eggs, butter, and cheese. The award is used for traveling and other expenses in making a trip to Chicago to attend the International Livestock Exposition and participate while there in a market study program under the direction of Swift & Company.

HARVEY FLETCHER DIETZMAN

### THE CHARLES LATHROP PACK FORESTRY PRIZE

Through the generosity of Mr. Charles Lathrop Pack, of New Jersey, the income from a gift of \$2,000 is awarded annually to students in forestry who produce the most interesting, logical, and technically significant papers for publication.

*First Prize—*

BRUNO BERFELLI

LAWRENCE CHRISTIAN GANGLE

*Second Prize—*

BRUCE STARKER

### THE LEE SCHOLARSHIP

This award, derived from the annual income from a fund of \$1,000 bequeathed as a memorial to J. B. and Minnie E. Lee, is awarded annually to a junior in home economics in recognition of meritorious record in scholarship, activities, and general all-round worthiness.

LORRAINE BARBARA CLAMPITT

### THE OMICRON NU PLAQUE

This plaque is awarded each year to the senior woman who has best lived the teachings of home economics throughout her college career.

MARGARET LOUISE WEST

### THE HOME ECONOMICS FRESHMAN AWARD

An award of \$10 is offered to the freshman girl with the highest scholastic average.

ADELE KNERR

### THE A. GRACE JOHNSON MEMORIAL SCHOLARSHIP

This scholarship, consisting of units of \$100 or less, is awarded to an upperclass student in home economics whose scholastic average is equal to or above that of the student body and who is in need of financial aid.

CLARE FRANCES ALEXANDER

### THE INTERNATIONAL FRIENDSHIP SCHOLARSHIP

The International Friendship Scholarship of \$500 is awarded annually by the Home Economics Club to a graduate foreign student to study home economics at Oregon State College.

VONG-KYIH NYI MEI

## Prizes and Awards—*Continued*

### THE OREGON HOME ECONOMICS ASSOCIATION AWARD

An award of \$25 is made annually by the Oregon Home Economics Association to an Oregon girl majoring in home economics who is a sophomore and needs financial aid to continue her education.

ALICE PAULINE CUNNINGHAM

### THE OREGON HOME ECONOMICS EXTENSION COUNCIL SCHOLARSHIP

The Oregon Home Economics Extension Council awards \$25 annually to the junior or senior girl who shows sincere interest in and promise of leadership in extension work, who stands high in scholarship, is active in school affairs, and is in need of assistance.

MARIAN JANE FARRELL

### THE DANFORTH SUMMER FELLOWSHIP

The four-weeks' Danforth Summer Fellowship is awarded to a junior woman in home economics for the purpose of helping her broaden her experiences and develop leadership.

JUNE ELIZABETH MORSE

### THE BLUMAUER-FRANK SCHOLARSHIP

This prize of \$50, contributed by McKesson and Robbins, Inc., of Portland, is awarded annually to the junior student in pharmacy who makes the highest average in a competitive examination.

RONALD GILLETTE ESSON

### THE ROTANA CLUB SCHOLARSHIP

An award of \$25 made annually by the Rotana Club of Portland to a sophomore student in home economics on a basis of scholastic promise, qualities of personality, and leadership, coupled with need for financial assistance.

MARY DELPHINE DALLAIRE

## DISTRICT AWARDS

### THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS NORTHWEST DISTRICT AWARDS

The American Society of Mechanical Engineers conducts an annual technical paper contest for the student members from the colleges of the Pacific Northwest. This year students from Oregon State College won two of the four awards.

*First Prize (\$50)*—

FRANK F CREWS

*Third Prize (\$10)*—

EDWARD HARRY MOORE

### THE HARLEY W. DRAKE AWARDS

Prizes were awarded by Mr. Harley W. Drake for the best technical papers prepared by student members of the Society of Automotive Engineers in Oregon and Washington.

*First Prize (\$60)*—

HAROLD WEILER AGER

*Second Prize (\$40)*—

IRWIN LYLE BYERS

### NORTHWEST SOCIETY OF HIGHWAY ENGINEERS PRIZES

Three cash prizes are awarded annually by the Northwest Society of Highway Engineers for the best research papers relating to highway engineering submitted by students from state universities and colleges of the Northwest.

*First Prize (\$15)*—

WILLIAM CHIPMAN HOLLEY



# Gifts

Oregon State College makes grateful acknowledgement of many evidences of good will toward the institution and examples of constructive support of its educational program, by individual citizens and by both private and public organizations. Such evidences often denote intangible benefits that are of deep significance, but are not readily reducible to concrete terms. The following list of gifts, which cannot, of course, include all individual gifts or donors, is indicative of the scope of donations made to the State College during the past year.

STATE COLLEGE AND STUDENT WELFARE	<i>Value</i>
From the Oregon State Mothers of Portland, scholarships to men and women students.....	\$ 375.00
From the Oregon State College Mothers Club of Corvallis, for Home Interest Conference scholarships, Beavers for Oregon high schools, and for women's cooperative houses.....	206.25
From the Oregon State Dames Club for aid to individual students and contribution to emergency loan fund.....	37.55
Through efforts of Mrs. Stanley Chin, of Portland, for assistance to Chinese students at Oregon State College.....	100.00
From the Oregon Technical Council, Portland, Oregon, loan fund for worthy students in engineering.....	700.00
From parents, friends, and faculty, for work in Religion on the campus.....	1,730.00

## STATE COLLEGE CAMPUS

From the Class of 1907, Sculptured Bedford Stone plaque of former President Thomas M. Gatch, installed over the east fireplace in the Memorial Union lounge.....	300.00
From the Class of 1908, Sculptured Bedford Stone plaque of President and Chancellor Emeritus William Jasper Kerr installed over the west fireplace in the Memorial Union lounge.....	300.00
From WPA Art Center, Portland, two hand-wrought art iron panels installed on the main floor corridor, Memorial Union.....	200.00
From the classes of 1926, 1928, 1929, and 1931 gift funds for materials used in the construction of the <i>Memorial Wrought Iron Gates</i> at the Madison Street entrance to the campus. All the labor and some of the materials are supplied through WPA from Federal sources. Contributions toward the cost of materials received thus far are as follows:	
Class of 1926.....	\$ 71.89
Class of 1928.....	31.76
Class of 1929.....	100.00
Class of 1931.....	64.45
The gates when installed will have an approximate value of.....	15,000.00

## STATE COLLEGE LIBRARY

- From Sidney Z. Bartley, Portland, "Shrine of the Constitution of the United States," metal stand and frames containing facsimile of the Declaration of Independence and the Constitution, with portraits of the signers of the Constitution. Prepared and distributed under auspices of the Constitution Commission of the United States.
- From Charles H. Ernst, Jr., Eugene, files of "Proceedings and Transactions of the American Society of Civil Engineers," and other documents.
- From Mrs. F. S. Francis (formerly Dorothea Nash), of England, "The Botanical Register," with designs by Sydenham Edwards, London, 1815-1818.
- From Miss Pauline McElvain, Portland, periodicals on business education, stenography, and typewriting.
- From Multnomah College, Portland, professional papers from the library of Dr. David C. Henny, including several hundred printed bulletins and reports on engineering topics and numerous typed, mimeographed, and manuscript reports on western irrigation and hydraulic projects.
- From Dr. John Henry Nash, Eugene, 14 books and brochures, illustrations of his own printing.
- From S. D. Williams, Portland, unbound periodicals on bees.
- From other donors as follows: H. C. Aitken, duplicate copies of "Time"; The Honorable Alex G. Barry, miscellaneous government documents relating to the Northwest; Chicago University Press, "Projects in Design," by S. Szukalski; George W. Churchill, textbooks on botany; Samuel French, Inc., 29 plays (received through Home Economics Extension Office); General Electric Company, leaflets and catalogs on electrical equipment; Portland General Electric Company, periodicals and bulletins on engineering subjects; Dr. George Rebec, "Poems of Mary Lowell Rebec"; J. F. Santee, Thesis (Ph.D., Washington) "The History and Status of Public

## Gifts—Continued

Elementary Teacher Training in Oregon"; Colonel F. C. Test, "New Gallery of British Art," 2 vols., and "American Scenery," by N. P. Willis, vol. 2, 1840; Westinghouse Electric and Manufacturing Company, "Book of Record of the Time Capsule of Cupaloy," also leaflets and catalogs on electrical equipment; and many other individual gifts, including textbooks, unbound periodicals, and documents, too numerous to record in detail, received from faculty and friends, or anonymously through campus delivery.

The gifts to the Library have an estimated total value of.....\$ 750.00

### THE HORNER MUSEUM OF THE OREGON COUNTRY

From Mrs. Floribel Brubacher and C. H. Arkwright, Corvallis, and Mrs. Alice E. King, Portland, Indian relics; R. H. Bain, Newport, pioneer articles, including historical sketches, diaries, biographies, obituaries, and miscellaneous statistics concerning the Bain family and other pioneers; Mrs. Mark D. McCallister, Corvallis, old-type organ and costumes of early days; The Oregon Journal, Portland, collection of 48 color prints of masterpieces; oil painting from England, copy of head of the Christ; Ida M. Matsen, Corvallis, Currier print; Mrs. Henry Voss, Albany, steel engraving; Mrs. Floribel Brubacher, Corvallis, Peruvian pottery; J. W. Riley and Lloyd Callis, Corvallis, old coins; Mrs. J. B. Horner, Corvallis, metal articles from Mt. Lebanon; Mrs. Rose Crutchley, Eugene, large lace center piece (Austrian); Douglas Johnson, Port Orford, and J. Lewis Renton, Portland, agate collections; Christine and Ann Zorn, Champoege, bones of prehistoric animals; Dr. E. L. Packard, Corvallis, Whale skull and large collection of bones of prehistoric animals; and many other smaller collections and single specimens.

In addition to gifts, there have been many loans, including among the more outstanding: the Oregon Society of the Daughters of the American Revolution, old costumes of the 1700 and early 1800 periods; Mrs. William F. Keady, Waldport, wedding dress of Mrs. James A. Cauthorn; Mrs. Alfred A. Hull, Corvallis, old costume and old pictures; Mrs. W. S. Gardner, Corvallis, very old handmade Swiss coverlet (to the D.A.R. Collection); George W. Conner, Corvallis, homespun and other pioneer articles; Elizabeth Barnes, Corvallis, Paisley shawl; Mrs. M. C. Kielsmeier, Corvallis, very old printed shawl from Scotland; the Dr. I. D. Driver heirs, collection of heirlooms; A. R. Chase, Eurata, Washington, and Fred W. Durbin, Corvallis, tools and guns of pioneer days; Annie Laurie Taylor, Philomath, historical documents; James S. Witzig, Mrs. David Arnott, Mrs. Rollo McKinney, E. E. Boord, Corvallis, and Mrs. E. E. Gallatin, Blodgett, old china; Mrs. Emma Reid, Corvallis, Seth Thomas clock of the 1850's; Mrs. Beatrice Beebe, Corvallis, clock that had belonged to Joaquin Miller; Virginia Moore, Corvallis, antique clock; Mrs. Eric Youngren, Corvallis, Swedish national costume; Mrs. Jay Cooper, Corvallis, ecclesiastical embroidery and altar linens from the Philippines; Ben H. Nichols, Corvallis, oil portraits of his great-grandparents; J. Leo Fairbanks, Corvallis, oil paintings; and many other articles of interest.

### SCHOOL OF SCIENCE

To Research:	
From Dr. Lyle B. Kingery, Portland, Oregon, to Dr. Roger J. Williams.....	300.00
"Studies of Pathogenic Yeast."	
From the Rockefeller Foundation, New York City, to Dr. Roger J. Williams..	6,500.00
"Pantothenic Acid Studies on Yeast."	
From Standard Brands Company, Inc., New York City, to Dr. Roger J. Williams .....	1,200.00
"Pantothenic Acid Studies on Yeast."	
From the Standard Oil Company of California to Professor John Fulton and Dr. E. C. Gilbert .....	750.00
"Heats of Combustion."	
From the Standard Oil Company of California to Professor John Fulton and Dr. E. C. Gilbert, three specially purified hydrocarbons.....	75.00
"Heats of Combustion."	
From the Parr Instrument Company, Molene, Illinois, to Dr. E. C. Gilbert, Ilium Crucible .....	15.00
Special Electrode Assembly .....	5.00
From the Weyerhaeuser Lumber Company, Longview, Washington, to Dr. Leo Friedman, waste liquor for research in Pulp and Paper.	
To Department of Botany—Herbarium:	
From William Bridge Cooke, B. F. Dana, Mrs. Ross Farnham, Mrs. H. E. Beach, F. A. Gilfillan, Theadora Gustafson, Mrs. H. B. Looff, E. A. Meola, Mrs. Daisy Overlander, R. Sprague, and T. J. Starker, large collections, or particularly rare plants. From various persons, many valuable specimens.	

## Gifts—Continued

To Department of Physics:	
From the S and S Auto Wrecking Company, Portland, Oregon—Generators, motors, magnetos, induction coils, and other automotive equipment (museum pieces) .....	\$ 200.00
From Walter Haynes, Oregon Institute of Technology, Portland, Oregon—A high-voltage induction coil used on the first X-Ray machine in Portland	150.00
From Western Electric Company—Electron tubes, relays, amplifiers, condensers, meters, and other radio equipment.....	500.00
To Department of Zoology:	
From the Mountain View Dairy, milk for research.....	15.00
SCHOOL OF AGRICULTURE, AGRICULTURAL EXPERIMENT STATION	
To Department of Agricultural Engineering:	
From the Agricultural Engineering Research Foundation, for research in the use of electricity in agriculture.....	4,800.00
To Department of Dairy Husbandry:	
From Agricultural Research Foundation, for research to determine the accuracy of certain methods and procedures in the sampling, preserving, and testing of milk.....	2,050.00
To Department of Fish and Game Management:	
From the Oregon State Game Commission for research in fish and game management problems in cooperation with the "Oregon Research Unit," United States Biological Survey.....	6,000.00
From the Oregon State Game Commission, for research in special fish propagation, production, distribution, and handling problems.....	600.00
From American Wild Life Institute, for research in fish and game management problems in cooperation with the "Oregon Research Unit," United States Biological Survey.....	3,000.00
To Department of Food Industries:	
From Agricultural Research Foundation, for research in freezing fruits with corn sugar .....	3,342.00
From Agricultural Research Foundation, for research in the freezing of fruits and vegetables and in the manufacture of fruit juices.....	356.00
From Agricultural Research Foundation, for research to improve the manufacture of apple products.....	334.00
From Agricultural Research Foundation, for research in the manufacture and preserving of baked pears.....	259.00
To Department of Horticulture:	
From the Oregon-Washington-California Pear Bureau for research in the handling and marketing of pears.....	250.00
To Department of Soils:	
From the Clatsop County Court, for conducting soil-survey work.....	287.00
From the Agricultural Research Foundation, for research in the use of potash in agriculture .....	1,535.00
From the Agricultural Research Foundation, for research in the use of sulphur in agriculture .....	145.00
To Southern Oregon Branch Experiment Station:	
From the Agricultural Research Foundation, for research in sugar beet seed production .....	150.00
To Department of Veterinary Medicine:	
From the Oregon State Game Commission, for research in fish and game diseases .....	300.00
To Klamath Experimental Area—Nematode Problem:	
From the Klamath County Court for purchase of equipment in conducting research dealing with the nematode problem.....	300.00
SCHOOL OF ENGINEERING	
To Department of Electrical Engineering:	
From the Western Electric Company, New York, miscellaneous telephone and radio equipment .....	500.00
From the General Electric X-Ray Corporation, Chicago, Illinois, (through the direct efforts of one of our graduates, Mr. Zed Atlee, manager of the Vacuum Tube Department) two Type KR5 High-Vacuum Kenotron Rectifiers, rated at 225 kv.....	520.00
To Department of Mechanical Engineering:	
From the Iron Fireman Manufacturing Company, Portland, Oregon, one automatic oil burner with accessories.....	175.00
From the Chrysler Corporation, Detroit, Michigan, Plymouth sectioned display chassis .....	600.00
From the Army Air Corps, Wright Field, Dayton, Ohio, used motor parts with magnaflux indications .....	50.00
From the Electro Products Company, New York, one air fuel ratio meter.....	39.50
One electrical "Trouble Shooter," .....	29.50
From the Standard Oil Company of California, San Francisco, California, 150 gallons Diesel oil for engine tests.....	9.50
From the Pacific Machinery and Tool Steel Co., Portland, Oregon, special steel samples for testing.....	2.50
From the Clar-o-fier Company, Kingston, New York, one C-100 Clar-o-fier.....	8.50
Six special Clar-o-fier cartridges.....	5.00

*Gifts—Continued*

From Mr. H. W. Drake, Seattle, Washington, miscellaneous motor parts and supplies .....	\$ 200.00
Two horse power motor-generator battery charger sets.....	250.00
From the Briggs & Stratton Corporation, Milwaukee, Wisconsin, one Model WM1 Motor .....	50.00
From the Armstrong Machine Works, Three Rivers, Michigan, educational display panel .....	3.00
From the Foster Wheeler Corporation, New York, section of 2-inch economizer tubing .....	5.00
From the Northwest Baker Ice Machine Company, Portland, Oregon, evaporator coil .....	25.00
From the Control Equipment Company, Portland, Oregon, two Mercury switches .....	3.00
From the Standard X-Ray Sales Company, Seattle, Washington, fluoroscope for X-ray films .....	25.00
From Wentworth and Irwin, Inc., Portland, Oregon, Nash-Lafayette chassis sectioned for exhibition .....	800.00
From the Conco Engineering Company, Mendota, Illinois, one "Field Draft Control" .....	10.00
From The Trane Company, Portland, Oregon, one air conditioner.....	175.00
From the Northwest Stove Works, Portland, Oregon, one Wesco Air Conditioner .....	225.00
The following items are loans, rather than outright gifts, but the service they render the institution is essentially the same as from a gift.	
To Department of Mechanical Engineering:	
From the Army Air Corps, Dayton, Ohio, one No. 31-400 Compass Assembly, Type Bx B-6A.....	27.77
One AV-32-230 Controller Assembly, Type A-1, compass.....	60.00
Two 084098-3 Gage Unit, engine, type A-3, 12½' tube .....	
Two An-5725 Inclinator Assembly, type A-3.....	8.00
Two AV-32-210 Motor Assembly, compass, type A-1.....	46.60
One 32D6068 Motor and Generator Assembly, type A-11, induction compass .....	110.37
Five 030045-2 Thermometer Assembly, type A-4, 8' cap.....	44.50
Ten 030045-3 Thermometer Assembly, type A-4, 12½' cap.....	93.00
Five 030045-5 Thermometer Assembly, type A-4, 28' cap.....	54.50
One 30-377 Tube Assembly, bank and turn indicator, Type A-2.....	5.30
From the Fleming Manufacturing Company, East Providence, R. I., Framm demonstration oil filter test apparatus.....	750.00
From Chevrolet-Oakland, Oakland, California, one Master de luxe 1939 Chevrolet motor .....	400.00
From the Vaughan Motor Company, Portland, Vaughan portable gasoline motor .....	150.00
<b>SCHOOL OF FORESTRY</b>	
From Portland Garden Club, collection of Kalmiopsis Leachiana plants for Peavy Arboretum .....	12.00
From Harold Dahl, twenty-five cascara posts for School of Forestry "Post-Farm" .....	20.00
From O. V. Matthews, unusual wood specimens for wood collection of Forest School Museum .....	50.00
From Herbert Yocum, collection of wood burls of Oregon for Forest School Museum .....	15.00
From Walsh & Rainwater, Marshfield, Oregon, supply of Oregon Myrtle for experimental dry kiln.....	100.00
From Mary J. L. McDonald Estate, allowance for purchase of additional land for Peavy Arboretum .....	3,759.00
From Mary J. L. McDonald Estate, allowance for purchase of additional land for McDonald Forest .....	9,612.36
From Hammond Lumber Co., "Study of Black Stain in Kiln-Dried Redwood" .....	45.00
From Portland Gas & Coke Company, "Study of Toxicity of Creosote Oil for Use in Wood Preservation".....	400.00
From Potlatch Forests, Inc., Western White Pine lumber.....	30.00
To Forest School Museum	
From Crown-Willamette Pulp & Paper Co., section of "largest Douglas fir"; Ali and Fred Sandoz, collection of fossil leaves; O. V. Matthews, wood specimens; Firestone Tire & Rubber Co. and Edw. W. Schultz, rubber exhibit; M. A. Phinney, hand-split lath from Philomath College.....	50.00
<b>SCHOOL OF HOME ECONOMICS</b>	
From the Rotana Club of Portland provision for an annual award to a sophomore student in Home Economics on a basis of scholastic promise, qualities of personality, and leadership, coupled with need for financial assistance .....	25.00
From Edith Rhyne, victrola.....	10.00

Gifts—Continued

SCHOOL OF PHARMACY

Bequest under the terms of the will of the late Lynn B. Ferguson, proprietor of Ferguson Drug Store at Newberg, Oregon, to the Oregon State Pharmaceutical Association Educational Fund .....	\$ 1,000.00
From alumni and friends, gifts and installments toward the completion of the fund of \$11,500 subscribed for the Oregon State Pharmaceutical Association Educational Fund.....	237.29
From various manufacturing firms, drugs for the Model Drug Store.....	1,250.00

# Federal Emergency Cooperation

Oregon State College has cooperated with the Federal Government in various programs of emergency relief. Some of these have been developed on the State College campus or farms; others, state-wide in scope or significance, have been administered by State College specialists or departments. The object of these projects has been primarily to provide employment, but also to carry out needed public works, and to assemble and analyze useful data as a basis for future development of industrial, civic, and welfare programs.

## INSTITUTIONAL PROJECTS

### National Youth Administration:

Employment for needy students, the institution receiving the benefit of the work performed. Federal contribution.....\$41,985.00

### Works Progress Administration:

General farm and campus improvement..... 8,630.00

#### MCDONALD RARE BOOK ROOM—

The Mary J. L. McDonald Collection of fine books in Room 301, Library, is open to visitors this afternoon from 2:00 to 5:00.

#### ART EXHIBITS—

Student work in the arts will be on exhibition in the lobby of Kidder Hall from 2:00 to 5:00 this afternoon. During the same hours paintings and sculpture by Professor J. Leo Fairbanks will be on display in Rooms 107 and 111.

#### INDUSTRIAL ARTS EXHIBIT—

Work of students in industrial arts will be on display in the shops of the Industrial Arts Building from 2:00 to 5:00 this afternoon.

#### SPEECH DEPARTMENT EXHIBIT—

Trophies won by students in the various forensic contests are on display in the main corridor of the Memorial Union.

#### HORNER MUSEUM OF THE OREGON COUNTRY—

The Horner Museum will be open to visitors this afternoon from 2:00 to 5:00. In addition to the regular collections, a special exhibition of forty paintings and lithographs by members of the Professional Artists' League will be shown in the Museum Art Room.

#### NURSERY SERVICE—

Very young children are not admitted to the Baccalaureate or Commencement exercises. For the care of infants and young children of out-of-town parents who desire to attend these exercises, a Nursery is provided at the Nursery School, corner of Twenty-Sixth and Orchard Streets. Parents should present their children in person and register them with the attendants. The Nursery hours on Monday are from 9:30 to 12:30. A charge of fifty cents is made to cover the necessary expenses, including the time of the trained attendants.

