



Oregon State University

SUNDAY AFTERNOON, JUNE SEVENTH
NINETEEN HUNDRED SIXTY-FOUR
COLISEUM, TWO O'CLOCK

Ninety-Fifth Annual Commencement

The Order of the Academic Processions

E. D. Smith, Chief Marshal

Processional—

The President and Official Guests
The Administrative Council
The Faculties
The Candidates for Advanced Degrees
The Class of 1964

Recessional—

The order of the Recessional is the reverse of the Processional, the Class of 1964 marching first and the President of the University last.

The Colors Distinctive of the Schools

Tassels of caps of candidates for degrees are in colors distinctive of the schools according to the Academic Costume Code.

The Graduate School	Black
The School of Humanities and Social Sciences.....	White
The School of Science	Golden yellow
The School of Agriculture	Maize
The School of Business and Technology	Drab
The School of Education	Light blue
The School of Engineering	Orange
The School of Forestry	Russett
The School of Home Economics	Maroon
The School of Pharmacy	Olive green

Academic Dress

The cap and gown and colorful hood so prominent in commencement ceremonies resemble to some extent articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn closed. The master's gown has closed sleeves, square at the end, the arms coming through a slit at the elbow; it may be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

Hoods are normally black with a colorful lining rolled outward. Bachelor's hoods are three feet long, master's three and one-half feet, and doctor's four feet.

For all academic purposes, including trimmings for the doctor's gown, edgings of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

Agriculture	Maize	Library Science	Lemon
Arts, Letters, Humanities	White	Music	Pink
Business, Commerce	Drab	Pharmacy	Olive green
Education	Light blue	Philosophy	Dark blue
Engineering	Orange	Physical Education	Sage green
Forestry	Russet	Science	Golden yellow
Home Economics	Maroon	Theology	Scarlet
Law	Purple	Veterinary Science	Gray

The silk or satin lining of the hood is the color or colors of the university or college which conferred the degree. Some have a slash or chevron of contrasting color. For example:

<i>University granting degree</i>	<i>Lining</i>	<i>Slash or chevron</i>
University of Wisconsin	Bright red .....	.....
University of Minnesota	Old gold	Maroon
Yale University	Blue .....	.....
University of California	Gold	Yale blue
University of Washington	Purple above gold .....	.....
University of Oregon	Lemon yellow	Dark green
New York University	Violet .....	.....
Stanford University	Cardinal .....	.....
Columbia University	Light blue	White
University of Michigan	Maize	Blue
University of Texas	White above orange	Burnt orange
Duke University	Royal blue	White
Cornell University	Cardinal	Two white
Harvard University	Crimson .....	.....
Michigan State University	Greenish yellow .....	.....
Iowa State University	Gold above cardinal .....	.....
State University of Iowa	Old gold .....	.....
Oregon State University	Burnt orange .....	.....
Lewis and Clark College	Princeton orange	Black, orange
University of Denver	Cardinal	Gold

Program

PRELUDE

Prelude and Fugue in B Minor (Great) *Bach*
Thomas Edward Roberts, M.M., at the organ

PROCESSIONAL

Coronation March *Meyerbeer*
Pomp and Circumstance *Elgar*
Processional *Savino*
Marche Processional *Marcelli*

The Oregon State University Concert Band
Theodore Lawrence Mesang, M.Ed., Conductor

The audience will remain seated throughout the processional but will rise when the Colors enter the auditorium and will remain standing until after the posting of the Colors and the Invocation.

THE NATIONAL ANTHEM

INVOCATION

William A. Manning
President, Senior Class

GREETINGS

Mrs. Samuel S. Johnson, M.A.
Member, Oregon State Board of Higher Education

CONFERRING OF BACCALAUREATE DEGREES

James H. Jensen, Ph.D.
President of the University

ALMA MATER *Homer Maris, M.S., '18*

The audience is invited to rise and join in the singing of the Alma Mater

PRESENTATION OF BACCALAUREATE DIPLOMAS

CONFERRING OF ADVANCED DEGREES

President Jensen

OATH OF OFFICE

For newly commissioned officers of the U. S. Army, U. S. Navy,
U. S. Marine Corps, and U. S. Air Force in the graduating class.

RECESSIONAL

Host of Youth *Guentzel*
The Oregon State University Concert Band

After the Colors have been carried from the auditorium, the audience will be seated during the Recessional

CARILLON CONCERT . . . Professor Thomas Roberts at the Console

Senior Honors

June 1964

Senior honors are conferred by the Faculty Senate on 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. To be eligible for such honor, a student must have attended Oregon State University for two regular academic years and must have made a grade-point average of 3.25 or higher. Election is limited to ten percent of the graduating members of a school.

HUMANITIES AND SOCIAL SCIENCES

Richard Astro
Jan Marie Newton
Carolyn Grace Fitch
Lonalee Pugh Hamlin

Katharine Anne West
Sara Annabel Gustin
Kathleen Carroll McGregor
Richard Ralph Groseclose

Felizitas Margarete Bone
David Norman Farring
Linda Carol Driskill
Judy Carol Tower

SCIENCE

Karl Amour Drlica
Brian Tracy Paaso
Sarah Anthony Crawford
James Lee McElroy
Kent Lee Kirkland
Steven Phillip Ogard
Kristi Scott Hardin
James Walter York
Ronald Charles Tipper
Gary James Ford
Julie Ann Bauserman
Alice Arlene Thompson

Raymond Lloyd Dod
Barbara Jean Bauer
Nolan Norman Turner, Jr.
Jamie Karin Reudink
Gerald William Silke
Alan Robert Stoebig
Linda Kathleen Weaver
Kathryn Delinda Westover
Jean Marie Wick
Gil Drake Tolan
Lowell Edward Euhus

Albert Clarence Parr
Mary Anne Zimmerman
Terrance Lee Seethoff
William Roger Broyles
Dennis Grant Searcy
Michael Spencer Waterman
Carla Myers Wiese
William David Miller
Elaine Laura Kleiner
Barbara Cecile Kerr
Clark Eugene Elwell

AGRICULTURE

Dennis Harold Wood
Thomas Dale Case

Duane Emery McIntosh
James Boynton Johnson

Harry Lee Smith

BUSINESS AND TECHNOLOGY

James Elmer Tollefson
Judith Anne Saunders
Darlene Lucille Beyerly
William Allen Disher

Sandra Lynn McMurdo
William Utaka Sugahiro
David Joseph Yagelski

Linda Jeanne Brogdon
Illa Woodward Atwood
Perry Leon Giles

EDUCATION

Barbara Ann Bennett
Herschel Henri Boydston
Donald Gene Page
Jimi Kay Minti
Sharon Rae Jensen
Kathleen Ann Barss
Mary Patricia Huffs Schmidt
Georgia Dee Swanson

Anne Louise Dilworth
Charlene Sylvia Weaver
Judith Ann Hosford
Tamara Dee Tweed
Beverly Ann Jackson
Francis Elaine Freeman
Robert Edward Bill
Marjorie Ann Coffman

Margaret Jean Hammitt
Brenda Jean Martin
Judy Lee Ahlquist
Janice Stratton Workman
Becky Lyn Redding
Carol Ann Warrington
Nancy Elaine Grass

ENGINEERING

Erol Mumin Kirayoglu
Pedro Max Janowitz
Michael Allen Talvola
Oran Lester Albertson
Gerald William Silke
Michael Harvey Hardman
Paul Arthur Taylor, Jr.
Terrance Paul Becker

Ronald Arthur Skoog
Darald Walter Callahan
Stephen Ellis Binney
William Roger Broyles
David Albert Johnson
James Conrad Adamek
Sid George Knox
Lyle Arthur Evanston

David Harrison Paup
Don Leonard Campbell
Dale Howard Grimes
Arthur Fleming Deardorff
Dean Edward Perry
James Arthur Blodgett
Duane Melvin Thompson

FORESTRY

Theodore Roosevelt Kinney, Jr.
Frank Oliver Williams

Ronald Eugene Stewart

Ronald Richmond Grant

HOME ECONOMICS

Margaret Ann Westfall
Darlene Damman McMacken
Myrna Josephine Rantala

Michele Suzanne Wyatt
Judith Anne Breneman
Beth Ann Quillin

Karen Lynn Van Schoiack
Judith Wicks Torgerson

PHARMACY

Bradley Van Clineschmidt

Laurence Russell Mongold

Michael Stephen Musikant

Baccalaureate Degrees

Oregon State University, on the basis of studies pursued in its undergraduate schools, confers the following baccalaureate degrees.

Bachelor of Arts (B.A.)

Bachelor of Science (B.S.)

Bachelor of Agriculture (B.Agr.)

Bachelor of Education (Ed.B.)

Bachelor of Forestry (B.F.)

Liberal Arts and Sciences

The undergraduate curricula in the liberal arts and sciences at Oregon State University are offered through the School of Humanities and Social Sciences and the School of Science.

School of Humanities and Social Sciences

GORDON WAVERLY GILKEY, Dean

The School of Humanities and Social Sciences offers divisional majors in Humanities and in General Social Science. Students who elect a major in one of these fields take a minor in the other and also a minor in science or science-technology.

BACHELOR OF ARTS

Janet Armantrout, Corvallis
Richard Astro, Chicago, Illinois
JoAndoe Berger, Corvallis
Barbara True Bergholz, Pasadena,
California
Felizitas Margarete Bone, Corvallis
Pamela Joan Boyd, Corvallis
Linda Carol Driskill, John Day
Kathleen Marie Fiedler, Salem
Carolyn Grace Fitch, Portland
Judith Lee Gibson, Junction City
Richard Ralph Groseclose, Klamath
Falls
Sara Annabel Gustin, Astoria
Alan James Haack, Modesto,
California
Lonalee Pugh Hamlin, Port Orford
George William Hodges, Merrill
Susan East Johnson, Portland

Marlene Ann McDonald, Hoskins
Susan Joy McQuaid, Portland
James Wilson McWilliams, Prineville
Elizabeth Anne Pindell, Portland
Judith Andrea Smith, Portland
Ann Helen Staernes, Oslo, Norway
Candace Lee Swenson, Downey,
California
Suzanne Elizabeth Tharp, Orinda,
California
Judy Carol Tower, Portland
Ann McDonald Turner, Albany
Judith Ann Hoeys Vedamuthu,
Corvallis
Karen Ann Wald, Albany
Christi Lee Warner, Portland
Donalie Speer Weingarten, Corvallis
Katharine Anne West, Portland
Paul Ancil Wolf, Redmond

BACHELOR OF SCIENCE

Lee Sidney Adams, Martinez,
California
David Rolfe Anderson, Junction City

Lester Arthur Apple, Silverton
Vernon Louis Bohles II, Albany
Carol Ellen Bowers, Harrisburg

Larry Allen Brisbee, Portland
 Emma Deanna Chorak, La Puente,
 California
 Ralph Douglas Coleman, Portland
 Richard Joseph Cuddihy, Edmonton,
 Alberta, Canada
 Jeffrey Ray Davis, Grants Pass
 Clifford Roy Dempster, Concord,
 California
 Rena Elizabeth Dirksen, Nyssa
 Sallie Marie Elliott, Portland
 Tanya Enders, Portland
 Salvador Buddy Escobar,
 San Bernardino, California
 Larry Dale Evans, McMinnville
 Edwin Joseph Ewing, Blodgett
 David Norman Farring, Prineville
 Louis Joseph Fasano, North
 Hollywood, California
 John Anthony Fasullo, Eureka,
 California
 Dale Donald Foresee, Salem
 Joseph John Freedman, Prineville
 Evelyn French, Portland
 Barbara Jo Gasuen, Corvallis
 Janet Lee Grayson, Portland
 Mark Edwin Halvorsen,
 Mt. Edgecumbe, Alaska
 Jeffrey Alan Harris, Aberdeen,
 Washington
 Tamara Karen Hawkins, Philomath
 David Carl Hayward, Downey,
 California
 William Eliot Hedlund, Lake Oswego
 Marlyn John Heer, Salem
 John Ernest Heyerly, Lebanon
 George William Hodges, Merrill
 William Darrell Holman, Monrovia,
 California
 Laddie Carl Horn, Pendleton
 Stephen Bruce Husak, San Diego,
 California
 Patsy Sue Hutchinson, Union
 Priscilla Jenkins, Vancouver,
 Washington
 Fred Levi Jones, Oroville, California
 Merrialyce von Krosigk Kasner, Alpine
 David Michael Knight, Fremont,
 California
 Michael Bow Kin Lam, Honolulu,
 Hawaii
 Stephen Louis Langenberg, Corvallis
 Kathleen Joanne Lewis, Corvallis
 Thomas Wade Lindsey, Albion,
 Indiana
 William Dennis McCleary, Dallas
 Marthanna Jane McFetridge,
 Oakridge
 Kathleen Carroll McGregor, Portland
 Susan Jean McPherson, Midland
 William Frederick MacDonald, Jr.,
 Rogue River
 Stephen Bruce Main, Pilot Rock
 Howard Lynn Matson, Pueblo,
 Colorado
 Jeffrey Clark Miller, Portland
 John Anthony Mohr, Van Nuys,
 California
 Judith Suzanne Morrow, Eugene
 James Malburn Mudd, Salem
 Jan Marie Newton, Corvallis
 Edgar Riley Nieten, Corvallis
 Judith Kaye Ohmart, Salem
 Nancy Ann Orr, Seattle, Washington
 Terrell Morgan Paige, Blodgett
 Ronald Harry Petersen, Albany
 Karol Kay Peterson, Salem
 Kristine Ann Peterson, Portland
 Richard David Railton, Corvallis
 Kim Morton Roberts, Santa Rosa,
 California
 Hugh Glenn Rosenberg, Corvallis
 Cecilia Elizabeth Ryan, Vancouver,
 Washington
 Myron Jon Salo, Astoria
 Frederick Francis Scheidt, Ozone
 Park, New York
 Merrily Kay Schram, Salem
 Charles Wesley Smiley, Corvallis
 Madelyn Louise Smith, San Mateo,
 California
 Arthur LeRoy Spore, San Leandro,
 California
 Donald Gordon Stoneburner, Dallas
 Timothy James Teyler, Portland
 Robert Erwin Tschan, Portland
 Dorothy Ann Vogt, The Dalles
 Leona Marie Ward, Lake Oswego
 Theodore Edward White, Scappoose
 Robert John Wilhelm, Jr., Portland
 John Harrison Wooster, Billings,
 Montana
 Edward Loyal Workman, Prineville
 Robert Lloyd Wright, Corvallis

School of Science

VERNON HENDRUM CHELDELIN, Dean

The School of Science provides majors in the biological and physical sciences and mathematics for students who desire a liberal education or preparation for advanced study in science. Undergraduate majors are offered in general science, botany, chemistry, engineering physics, entomology, geology, mathematics, microbiology and hygiene, natural resources, physics, science education, and zoology. Preprofessional preparation is also offered in dentistry, medicine, veterinary medicine, medical technology, dental hygiene, and nursing.

BACHELOR OF ARTS

Elizabeth Ann Archibald, Toledo	Terence Hallinan, Lakeview
*Rodney Allan Badger, Gold Hill	Kristi Susan Hardin, Portland
*Barbara Jean Bauer, Portland	*Barbara Cecile Kerr, Amity
Julie Ann Bauserman, Tigard	*Elaine Laura Kleiner, Portland
*Phillip John Bernard, Jr., Sandy	Nicholas Leslie Lehrbach, Jr., Roseburg
*Burton Jay Burreson, Portland	Peter W Lipshutz, Portland
Karen Esther Carroll, Tillamook	Douglas James Mecham, Anaheim, California
Merle Arthur Coe III, Carrollton, Ohio	Henry Gilgian Mullerleile, Hillsboro
Barry James Crider, Portland	Donald Albert Rigg, Portland
*Larry Karl Dahlkvist, Palo Alto, California	Bonnie Jean Sanders, Portland
Edward Albert Dimmick, Brookings	Sandra Kay Schlinkman, Fields Landing, California
*Karl Amour Drlica, Corvallis	Allan Jerome Skorpen, Bend
Richard Wayne Elliott, Portland	*Alice Arlene Thompson, Central Point
David Brian Emery, Victoria, British Columbia, Canada	Ronald Norman Webb, Williams
George Daggett Flitcraft, Klamath Falls	Charles Henry Whelan, Jr., Saugus, California
Daniel Morgan Ford, Corvallis	*Mary Anne Zimmerman, Gresham

BACHELOR OF SCIENCE

Richard Wayne Adams, Portland	Robert Adling Barney, Portland
Dennis David Airey, Renton, Washington	Darrell Alden Barstow, Corvallis
Joseph Peter Aleskus, Jr., Portland	Dennis Alan Barstow, Corvallis
Aurelia Juanita Allen, Corvallis	Sharon Ann Bauer, Phoenix, Arizona
Riley Lee Allen, La Grande	James Francis Baxter, Corvallis
Gerry Charles Anderson, Corvallis	James Richard Becker, Coos Bay
Norman Hiroshi Ando, Portland	*Gary Reinhold Beckman, Beaverton
Anthony Joseph Andrade, Santa Barbara, California	Bruce Arnold Beebe, Corvallis
*Rodney Allan Badger, Gold Hill	Richard Paul Belkengren, Corvallis
William Martin Bailey, Corvallis	Gerald Lee Belt, Albany
Alfred Raymond Baker, Portland	Jerry William Bemis, Ridgefield, Washington
Leona Georgia Baker, Corvallis	Steven John Bengston, Prineville
Roger Minott Barber, Mentone, California	Lon Clark Bentsen, Corvallis
	John William Beveridge, Portland
	Lawrence Fred Bitte, St. Helens

* HONORS PROGRAM, School of Science. See page 47.

George David Bolon, Portland
 William Hart Boughton, South
 Laguna Beach, California
 William Roger Broyles, Pittsfield,
 Massachusetts
 James William Budke, Portland
 Alvin George Buse, Toledo
 James Alfred Caldwell, Klamath Falls
 Don Leonard Campbell, Portland
 Malcolm Leith Campbell, Santa
 Barbara, California
 Charles Dean Carrington, Bend
 Richard Frederick Casper, Portland
 Pravit Chattalada, Tonburi, Thailand
 Stephen Goff Clayton, Portland
 Kenneth LeRoy Conklin, Portland
 Charles Jarrett Conlee, Fossil
 David Allan Conley, Port Orford
 Truman Walter Conn, Lakeview
 Noel John Connall, Richland
 John Lawrence Connolly, Medford
 David Leroy Cook, Springfield
 Clifford Roger Cookson, Turner
 Robert Kent Cooper, Corvallis
 Frederick Neal Corbin, Corvallis
 Jesse Doyle Cornwell, Corvallis
 David Bruce Couch, Carson City,
 Nevada
 Jack Morris Cowles, Portland
 *Terry Gene Crandall, Portland
 Sarah Anthony Crawford, Fairbanks,
 Alaska
 Michael Gary Crowley, Riddle
 Richard Joseph Cuddihy, Edmonton,
 Alberta, Canada
 Donald Wayne Curtis, Enterprise
 *Larry Karl Dahlkvist, Palo Alto,
 California
 Michael Girard Deverell, Portland
 John Dierks, Grants Pass
 *Raymond Lloyd Dod, Los Altos,
 California
 Edward Albert Dornlas, San Mateo,
 California
 Raymond Monroe Dragseth,
 Sacramento, California
 Sandra Darlene Dunagan, Portland
 Dennis Gilmore Duncan, Corvallis
 Stephen Arnold Ebert, Corvallis
 Richard Tamio Egami, Kealahou,
 Hawaii
 Christian Samuel Eicher, Albany
 Clark Eugene Elwell, Boise, Idaho

Lowell Edward Euhus, Clatskanie
 John Alan Evans, Lebanon
 Sydney David Eves, West Vancouver,
 British Columbia, Canada
 William Bertram Farr, Arcata,
 California
 Sebastian John Ferrigno, Jr., Westfir
 Diana Annette Fieber, Toledo
 Warren Allan Finke, Portland
 Charles William Finkl II, Evanston,
 Illinois
 *Gary James Ford, Corvallis
 Harry Gordon Forquer, Deer Island
 Frederick Mark Foster, Corvallis
 William Clark Foster, Klamath Falls
 Lloyd Arnold Fraser, Jr., North Bend
 *Raymond Frank Fry, Hermiston
 John Edward Furrow, Hood River
 Llewellyn Thornton Gale, Corvallis
 Robert Welborn Gawley, Reedsport
 Marilyn Joan George, Corvallis
 Gene William Goeden, Cornelius
 Robert Paul Gordon, Mill City
 Gary Edwin Graham, Portland
 Richard Dean Graham, Salem
 Johnny Dale Greene, Corvallis
 Gordon Stanley Gregersen, Portland
 *Jerry Dexter Hall, Powers
 Jay Warren Hansen, Corvallis
 James William Hanson, Jr., Portland
 Robert Burton Hardin, Jr., Portland
 Michael Joseph Harrington, Boise,
 Idaho
 John William Harris, Portland
 *Raymond Gene Harris, Corvallis
 Kenny Lance Harrison, Westfir
 Ruth Ann Hartley, Redmond
 Willard Garland Harwood, Jr.,
 Medford
 Delmar Vance Hawley, Pendleton
 Janan Mary Hayes, Anaheim,
 California
 Sidney Joseph Hayes III, Billings,
 Montana
 Richard Glenn Hector, Portland
 Jerry Tyrone Heil, Portland
 David Carl Heitz, Napa, California
 *Charles Milton Hensgen, Los Altos,
 California
 Harold Keller Hewitt, Corvallis
 Dennis Reed Hill, Longview,
 Washington
 John Walter Hinrichs, Corvallis

* HONORS PROGRAM, School of Science. See page 47.

Larry Washburn Hiron, Eugene
 Ronald Maurice Hoatson, Corvallis
 Barbara Jean Hoffman, Brookings
 David Charles Holman, Portland
 Terry Lee Howard, Corvallis
 Clifford Gary Howell, Troutdale
 Gary Neil Howells, Leaburg
 Carl Aubrey Hubbard, Milano, Italy
 Lawrence Charles Huffman, Nehalem
 Gary Lee Hufford, Portland
 Richard James Hutcheon, Portland
 Nguyen Van Hy, Cholon, Viet Nam
 Larry Lee Ismert, Pistol River
 Stephen Christopher Jensen, Corvallis
 Harold Kent Johnson, Corvallis
 Richard Edward Johnson, Springfield
 Vernon Gene Johnson, West Linn
 Robert Earl Jones, Portland
 Robert Eugene Jones, Lebanon
 Robert McKernon Joy, Saratoga,
 California
 Sheldon Kuuipo Keala, Kahului,
 Hawaii
 Neal John Kelleher, Portland
 *Barbara Cecile Kerr, Amity
 Kent Lee Kirkland, Hayward,
 California
 John William Kjos, Portland
 Douglas Jay Klein, Milwaukie
 Orin Walter Knee, Portland
 Galen Tetsu Koito, Wailuku, Hawaii
 Rex Nelson Langley, Nyssa
 Suzanne Dawn Lathrop, Ellensburg,
 Washington
 Timothy Campbell Lauer, Redwood
 City, California
 Kyu Baik Lee, Seoul, Korea
 Nicholas Leslie Lehrbach, Jr.,
 Roseburg
 David Pryce Lewis, Jr., Roseburg
 Richard William Liddell, Corvallis
 Walter Morris Lothridge, Bakersfield,
 California
 William Earl McCann, Portland
 William Robb McCullough, Corvallis
 Gerald Lee McDonald, Portland
 Terrance Joseph McDowell,
 McMinnville
 James Lee McElroy, Crawfordsville
 Alan Richard McGrew, Portland
 Colon Malcolm McKinnon, Jr.,
 Corvallis
 *Carole Gene Mahaney, Oakridge

Michael Donal Maleta, Portland
 Terry Samuel Maley, Hood River
 Trudie Marshall, Portland
 Richard Alan Martino, Oakland,
 California
 Curtis Mason, Corvallis
 Joseph William Maylie, Portland
 David Lee Mays, Corvallis
 Samuel Mbele-Mbong, Port de Douala,
 Cameroun
 Maurice Charles Meacham, Hillsboro
 Frederick Lee Mellish, Corvallis
 Kenneth Murray Meyers, Ledger,
 Montana
 Allan George Miller, Baker
 Dewey Richard Miller, Jr., Florence
 Herbert George Miller, North Bend
 Judith Harmon Miller, Puyallup,
 Washington
 William David Miller, Santa Barbara,
 California
 Elise Joan Mitsch, Canby
 Roger Martin Moksness, Astoria
 Ralph Hans Moltzau, Jr., Makawao,
 Hawaii
 Frederick Leroy Monroe, Portland
 Nicolis Frank Moravec, Salem
 Marion Raymond Morehouse, Corvallis
 George Edwin Morrison, Corvallis
 Henry Albert Moshberger, Molalla
 Donald Dean Murphy, Coalinga,
 California
 Phillips Shep Murray, Monterey Park,
 California
 Wallace Darwin Myers, Portland
 Michael Edward Narver, Corvallis
 Patsy Lundsteen Nazeeri, Boring
 John Marshall Nesbitt, La Mesa,
 California
 Frank Wesley Nettleship, Portland
 Gary Lee Newhouse, McClellan AFB,
 California
 Douglas Russell Nichols, Portland
 David Glen Niess, Albany
 Thomas John Northup, Chiloquin
 Timothy Michael O'Callaghan,
 Portland
 David Bernie Oas, Lake City,
 Pennsylvania
 David Clague Oehling, Portland
 *Steven Phillip Ogard, Medinah,
 Illinois
 Douglas Alan Oglesby, Atascadero,
 California

* HONORS PROGRAM, School of Science. See page 47.

Stevens Katsuichi Okura, Hilo,
 Hawaii
 Gerald William Olmsted, Portland
 Brian Tracy Paaso, Astoria
 Moon Up Park, Seoul, Korea
 Ernest Evren Parker, Corvallis
 *Albert Clarence Parr, Roseburg
 Vernon Hubert Parsons, Corvallis
 Marcellus Andrew Paul, Lebanon
 John Sampson Pease, Molalla
 Raymond LeRoy Penniman, Salem
 Dean Edward Perry, Gladstone
 William Randall Pfau, Silverton
 Kenneth Howard Pietsch, Portland
 George Robert Poetschat, Bend
 Anthony Nicholas Politopoulos,
 Patras, Greece
 Thomas Shelper Porter, Worland,
 Wyoming
 George Biersdorf Putnam, Hillsboro
 Alan Courtland Quenelle, Jr., Corvallis
 Dorothy Jean Quinn, Aumsville
 Robert Jess Rainey, Corvallis
 John Douglas Redman, Corvallis
 Jamie Karin Reudink, Corvallis
 Richard Gradon Reynolds, Portland
 Raymond Allen Rigert, Corvallis
 Fredrick Arthur Roberts, Portland
 Matthew George Rode, Medford
 John Albert Rogers, Oswego
 Robert Rowland Rosé, Portland
 Wayne Paul Russ, Roseburg
 Charles Ellis Russell, Klamath Falls
 Dennis Paul Sandoz, Madras
 Elaine Sachie Sato, Wahiawa, Hawaii
 James Harwood Schlewitz, Albany
 *Dennis Grant Searcy, Portland
 Terrance Lee Seethoff, Eureka,
 California
 Mary Gertrude Settergren, Portland
 George Edward Seymore, Grants Pass
 Gregory Ellis Shaner, Portland
 Richard Wesley Sherman, Salem
 Basil Gary Shields, Milton-Freewater
 Susumu Shiseki, Osaka, Japan
 Dennis Melvin Short, Eugene
 Gerald William Silke, Salem
 Robert Thomas Sims, Seal Rock
 Edward Nelson Sipp, Lakeview
 Kam-Chun Siu, Honolulu, Hawaii
 John Ray Smith, Silverton
 Ralph Frederick Smith, Palo Alto,
 California
 Wendell Kenneth Snook, Corvallis
 Simeon Soi, Kericho, Kenya
 Narong Sooppipatt, Bangkok,
 Thailand
 George Alapai Thompson Spencer, Jr.,
 Honolulu, Hawaii
 Stanley Lee Stafford, Dallas
 Helen Frances Stanley, Santa Rosa,
 California
 Frederick John Sterk, Seattle,
 Washington
 Joyce Lorraine Stewart, Ashland
 Alan Robert Stoebig, Gleneden Beach
 Barbara Gail Stolen, Madison,
 Wisconsin
 David Ernest Strong, Albany
 Donald Robert Stubblefield, Joseph
 Rodney Ray Stubbs, Corvallis
 Frederick Lee Surbaugh, Portland
 Jack Leo Terzenbach, Medford
 Dennis Bruce Thomas, Corvallis
 James Conley Thomas, Wasco
 Rodney Errol Thompson, Yoncalla
 Ronald Charles Tipper, San Leandro,
 California
 *Gil Drake Tolan, Astoria
 Ronald Melchior Tolls, Portland
 *Bruce Richard Toth, Portland
 Nolan Norman Turner, Jr., Corvallis
 Hong Sun Uh, Seoul, Korea
 Harriet Ann Van Arsdale, Portland
 Nancy Anne Van Valzah, Springfield
 Ronald Carl Van Vleet, Lebanon
 James Dale Versteeg, Portland
 Leslie Alva Walter, Corvallis
 Michael Spencer Waterman, Bandon
 Grant Wells Watkinson, Newport
 Linda Kathleen Weaver, Myrtle Creek
 Stephen McIlroy Webb, Dallas
 Harold William Weber, Sacramento,
 California
 Floyd Robert Wendlberger, Portland
 Donald Frederick Werre, Sherwood
 Robert Hughes West, Glide
 Kathryn Delinda Westover, Corvallis
 Jean Marie Wick, La Grande
 Carla Myers Wiese, Corvallis
 Jon Thomas Willers, Corvallis
 Lois Cornelia Williams, Winston
 William Edward Wilson, Corvallis
 John Charles Winquist, Portland
 David Ivan Wise, Santa Maria,
 California
 Gaylord Duane Wood, Portland
 Gene Marlin Woodford, Rockaway

* HONORS PROGRAM, School of Science. See page 47.

Rodger King Woodruff, Troutdale
 Jeffrey Robert Woodside, Portland
 William Archies Worden, Portland
 Bruce Neal Yarborough, San Diego,
 California

Ruth Michiko Yoneyama, Nyssa
 James Walter York, Corvallis
 Larry Neale Younger, Corvallis
 Ronald Lee Zeiler, Fremont,
 California

School of Agriculture

FREDERICK EARL PRICE, Dean

The School of Agriculture offers major curricula with options in agricultural science, agricultural business, and agricultural technology. The main fields within the school are: agricultural economics, agricultural education, animal science, farm crops, fisheries, food science and technology, horticulture, mechanical technology in agriculture, poultry science, range management, soils, and wildlife management.

BACHELOR OF SCIENCE

Nancy Carol Albin, Monmouth
 John Lincoln Andrews, Jr.,
 North Bend
 Raymond Harold Andrieu, Midland
 Timothy Andre Ankersen, Corvallis
 Jimmie Richard Bagley, Rickreall
 Robert Richard Barrett, The Dalles
 Douglas Arthur Bellingham, Birkenfeld
 Douglas Earle Bennett, Corvallis
 Jack Ronald Berney, Roseburg
 John Alden Blackledge, Cottage Grove
 Gary Allan Boyd, Klamath Falls
 Larry Robert Bright, Woodburn
 Robert Wilbur Brocksen, Corvallis
 Jerry Earnest Burdick, Oceanlake
 Theodore Ernest Burns, Jr., Corvallis
 Thomas Dale Case, Grants Pass
 John Eugene Caster, Central Point
 James Lee Chandler, Corvallis
 Ralph Paul Chapin, Perrydale
 James Lawrence Chapman, Klamath
 Falls
 Donald Lee Claeys, Hillsboro
 Douglas Eugene Coleman, Gervais
 Thomas Gilbert Collins, Wareham,
 Massachusetts
 Gordon Henry Cook, Canby
 Delbert Stephen Cooper, Eugene
 Robert Carl Courtright, Corvallis
 John Richard Coykendall, Coulee Dam,
 Washington
 Theodore Martin Danen, Salem
 William Paul Danskine, Roseburg
 Garth Earl Davis, The Dalles
 Michael Austin Davis, Springfield
 Paul Edward Day, Albany
 Thomas Hall DeArmond, Hubbard
 Frank Dwayne DeShon, Dallas

Stanley Gerald Detering, Harrisburg
 Paul Guthrie DuMont,
 Washington, D. C.
 Lawrence Arthur Edwards, Turner
 Sterling Hugh Eide, Newberg
 Charles Franklin Emerick, Atherton,
 California
 Barton Goodrick Eveleth, Hawi,
 Hawaii
 Stephen Anofuechi Ezenekwe, Awka,
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 Stephen Grant Grove, Corvallis
 Patrick Michael Hagel, Corvallis
 John Edward Hale, Lake Oswego
 Sigurd Paul Hansen, Corvallis
 Arthur Carl Hanson, Clackamas
 Larry Milton Hanson, Newport
 Michael Harvey Hardman, Corvallis
 Robin Tomhagen Harrison, Los Altos,
 California
 Alan Dale Haslem, Corvallis
 John Thomas Headlee, Springfield
 Charles David Helzer, Portland
 Bruce Henderson, Corvallis
 Walter Glenn Henderson, Portland
 Tommy Roy Hensley, Corvallis
 Henry Adolf Herwig, Corvallis
 James Lamont Hickman, Ontario
 David Alan Hitchcock, Salinas,
 California
 Danny Elmer Hockert, Portland
 Robert Paul Hogan, Albany
 Douglas Alfred Holcomb, Milton-
 Freewater
 William Randall Hollowell, Oklahoma
 City, Oklahoma
 Charles William Hoover, Salem

Ralph Yoshito Iboshi, Hilo, Hawaii
 Gary Minnick Ihle, Marion
 Richard Harold Irwin, Portland
 Edward Norman Isto, Lakewood,
 Colorado
 Kenneth Ray Jacks, Medford
 Clifford Stiens Jacobsen, Portland
 Pedro Max Janowitz, Panama
 David Albert Johnson, Salem
 Jerald Richard Joy, Ashland
 Vishnu Balchand Jumani, Bombay,
 India
 Lawrence Masao Kikuta, Ewa, Hawaii
 John David King, Helix
 Richard Dean Kinslow, Cottage Grove
 Erol Mümin Kirayoglu, Samson,
 Turkey
 Sidney George Knox, Ashland
 Karl Kenneth Koboski, Jr., Corvallis
 Lawrence John Koth, Great Falls,
 Montana
 John Donald Kramer, Corvallis
 Mitchell Irvin Ladd, North Bend
 Gilbert Warren Langhoff, Roseburg
 Larry Carl Larson, Bend
 Brian Ray Laursen, Eugene
 Geoffrey Wayne Lee, Portland
 James Colton Leonard, Virginia City,
 Nevada
 Lawrence Leonard Lew, Jr., Portland
 William Ashley Lewis, Fort Jones,
 California
 Gary Harlan Lindland, Canby
 Darrell Wayne Linzy, Alsea
 Alvin Leland Lockhart, Milwaukie
 Bert Edward Loughmiller, Springfield
 Anthony Chai-Hong Louie, Portland
 Mark Seymour Ludwig, Fairbanks,
 Alaska
 Gary Lee McClellan, Albany
 George Dennis McClelland, Vancouver,
 Washington
 Patrick Hazen McCullough, Newport
 Alan McDearmon, Menlo Park,
 California
 Alexander Arthur McIntosh, Jr.,
 Portland
 Terry Dale McKee, The Dalles
 Glenn Alvin McLaughlin, Corvallis
 Gary Allen McNabb, North Bend
 Alfred John McSwain, Jr., Corvallis
 Keith Loren Macomber, Greenbank,
 Washington
 Bruce Boyd Magnuson, Corvallis

William Lee Mandery, Portland
 William Aloysius Manning, Klamath
 Falls
 Alvin Thomas Mason, Corona,
 California
 Robert Alan Matzka, Portland
 Joseph William Maylie, Portland
 Roger Martin Moksness, Astoria
 Brady Roger Montgomery, Roseburg
 Gerald Leroy Moore, Corvallis
 Linus John Morris, Corvallis
 Robert John Morris, Fall Creek
 James Thomas Morrow, Corvallis
 George Yuji Motonaga, Hakalau,
 Hawaii
 James Richard Munn, Corvallis
 Junior Akio Nagaki, Ontario
 Robert Dean Nehler, Corvallis
 Phillip Dean Neidhart, Portland
 Patrick Aloysius O'Neal, Portland
 James William Oberg, Aurora
 George Edward Ogden, Jr., Jefferson
 City, Missouri
 Donald Wayne Oja, Albany
 Jack Norishige Okazaki, Portland
 Manoo Ordeedolchest, Thonburi,
 Thailand
 Larry William Orr, Danville,
 California
 Larry Franklin Parrish, Lebanon
 David Harrison Paup, Astoria
 Richard Luis Perlas, Portland
 Dean Edward Perry, Gladstone
 Thomas Fransen Poage, Eugene
 Carl Arvi Pykonen, Corvallis
 Lloyd John Ralphs, Aumsville
 Dale Roger Ralston, Pendleton
 Roy Jack Repak, San Francisco,
 California
 Jerry Owen Richartz, Corvallis
 Peter Lee Richen, Portland
 Stephen Anthony Roth, Salem
 James Leland Sanders, Prineville
 Edmund Richard Savoie, Albany
 Joseph Ferdinand Schadler, Sunny
 Valley
 Ernest Arthur Schmidt, Portland
 Norman Arthur Schmokel, Portland
 Lorenz Vernon Schoff, Redlands,
 California
 Walter Casper Schroeder, Metolius
 Robert Gordon Scott, Portland
 Edward Alan Sigurdson, Salem
 Gerald William Silke, Salem

Kenneth Owen Simpson, Corvallis
 Ronald Arthur Skoog, Corvallis
 Owen Ray Snyder, Tigard
 George Alapai Thompson Spencer, Jr.,
 Honolulu, Hawaii
 Larry David Spindler, Corvallis
 Robert William Stanley, Portland
 Charles Frederick Starnes, Roseburg
 Frederick John Sterk, Seattle,
 Washington
 Lynn Bernt Stolen, Fairbanks, Alaska
 Charles Gregory Stronach, Milwaukee
 Lowell Lo Wai Sue, Honolulu, Hawaii
 James Akiyoshi Sunamoto, Tigard
 Michael Allen Talvola, Eureka,
 California
 Paul Arthur Taylor, Jr., Madras
 William Weyland Thomas, Portland
 Duane Melvin Thompson, Portland
 Fred Harmon Thompson, Eugene
 Keith Charles Thompson, Corvallis
 Robert Gordon Thompson, Jr.,
 Florence
 Harold Eugene Todd, Jr., Corvallis
 Roger Allen Turner, Salem

Michael Marion Van Schoiack,
 Corvallis
 Wesley Wayne Vantzelfden, Corvallis
 Donald Owen Voit, Patterson,
 California
 Terry Lynn Waldele, Portland
 Michael James Walker, Salem
 Jeffrey Alan Webber, Oswego
 Fredrick Arthur Weber, Jr., Albany
 Floyd Robert Wendlberger, Portland
 Calvin Sterling White, Coos Bay
 Gary Allan Wildish, Eugene
 James Campbell Williams, Roseburg
 Steve Roger Wilson, Kingsburg,
 California
 Buford David Wingerd, Merlin
 Jon Randolph Wollander, Albany
 Ralph Albert Wright, Astoria
 Ronald Mitsuo Yamanouchi, Papaalooa,
 Hawaii
 Kenneth Kiyoshi Yasutome, Portland
 Roger Allen Yerkes, Albany
 Gerry Arnett Young, Portland
 Fred James Zaske, Vancouver,
 Washington

School of Forestry

WALTER FRASER McCULLOCH, Dean

The School of Forestry offers major curricula in the following fields: forest engineering, forest management, and forest products.

BACHELOR OF SCIENCE

James Charles Allison, Springfield,
 Pennsylvania
 Thomas Bernardo Barocan, Milwaukee
 Robert Dean Berends, Albany
 Frank Jacob Bernritter, Corvallis
 Larry Bruce Blasing, Prairie City
 Ronald Edward Bobbett, Corvallis
 David Dale Christensen, Corvallis
 Banleu Chua-Intra, Bangkok,
 Thailand
 Elvin Edsel Cole, Corvallis
 Carroll Duane Cropley, Tigard
 Dennis Allan Crowe, Hood River
 Donald Jess Curtis, Oregon City
 David Paul Elfers, Marshalltown,
 Iowa
 Stephen Allen Fitch, Glendale,
 California

John Collins Flanagan, Corvallis
 Ronald Richmond Grant, Portland
 John Waddell Harper, Wichita, Kansas
 Burton Keith Harris, Corvallis
 Thomas Dean Hinthorne, Sweet Home
 Bert Lloyd Hockett, Corvallis
 Nguyen Van Hy, Cholon, Viet Nam
 James Rundles Hyde, Burlingame,
 California
 Michael Duane Jackson, Independence,
 Missouri
 Roy Warren Jones, Corvallis
 Theodore Roosevelt Kinney, Jr.,
 Ashland
 Terry Allan Little, Portland
 James Alexander Mason, Milwaukee
 Harry Richard Nash, San Diego,
 California

Alan Foster Nichols, Corvallis
 Curtis John Paskett, Sacramento,
 California
 Thomas Thompkins Paterson,
 Sweet Home
 Clifford Charles Perigo, Burlingame,
 California
 Ernest Pung, Hilo, Hawaii
 Elsbery Washington Reynolds, Hemet,
 California
 Kendall Lee Rich, Portland
 Richard Lee Robertson, Portland
 James LeRoy Rombach, Medford
 Roy Howard Scantlebury, Cleveland,
 Ohio
 Kirby William Schwinck, Corvallis
 Gary Vance Smith, Mapleton
 John Branson Smith, Corvallis
 John Lee Southwick, Corvallis
 Ronald Eugene Stewart, Corvallis

Fredric Curt Stone, Madras
 Ronald Edwin Stuntzner, Corvallis
 Richard Verne Taras, Pebble Beach,
 California
 John Henry Thompson, Sisters
 Glen Joseph Tillitt, Portland
 Michael Francis Vandehey, Forest
 Grove
 Miles Franklin Weaver, Corvallis
 Warren Lewis Webb, Corvallis
 Frank Oliver Williams, North Bend
 John Elden Wilson, Salem
 Eugene Finley Wirsig, Omaha,
 Nebraska
 Michael David Wirtz, Corvallis
 Wesley Hong Ching Wong, Jr.,
 Wailuku, Hawaii
 Robert Arnold Wright, Corvallis
 William John Zach, Silverton
 Eugene Zimmerman, Pilot Rock

School of Home Economics

MARGARET LOUISE FINCKE, Acting Dean

The School of Home Economics prepares students for the responsibilities of homemaking and for professional work. Fields of study include clothing, textiles, and related arts; family life and home administration; foods and nutrition; home economics communications; home economics education; home economics extension; home economics in social work; and institution management.

BACHELOR OF ARTS

Rita May Ashton, Covina, California	Anna Margaret Holien, Sandpoint,
Luanne Marie Burdick, Portland	Idaho
	Sally May Reynolds, Aurora

BACHELOR OF SCIENCE

Donna Lee Baker, McMinnville	Jane Ann Craig, Klamath Falls
Norah Anne Baker, Coquille	Joanne Barbara Davies, Eugene
Kay Eloise Bishop, Washougal,	Linda Lee Daving, Fallbrook,
Washington	California
Lynne Carol Borden, Denver,	Judy Marie Ekholm, Richmond,
Colorado	California
Judith Anne Breneman, Corvallis	Carol Meleana Ewing, Oceanlake
Kathryn Joan Burroughs, Grants Pass	Pauline Denyer Flanagan, Medford
Donna Elaine Campbell, Helix	Nedora Nell Gleason, Woodburn
Shirley Jean Cazzell, Salem	Patricia Ruth Griffin, Roseburg
Carol Jane Chappell, Bandon	Mary Judith Grow, Tigard
Roberta Cheney, Corvallis	Janet Louise Harden, Eugene
Louella Mae Chun, Honolulu, Hawaii	Anne McDuffee Hart, Medford
Carol Joann Coates, Baker	Shirley Janet Henderer, Corvallis

Rosemary Ann Hinsvark, Portland
 Anna Margaret Holien, Sandpoint,
 Idaho
 Rayahn Kennedy Horn, Pendleton
 Judith Marie Hyde, Roseburg
 Joyce Yoshimi Ikehara, Honolulu,
 Hawaii
 Norma Jeanette Ivari, Vancouver,
 Washington
 Sherry Lee Jager, Milwaukie
 Paula Rae Jarvis, Enaville, Idaho
 Sharon Ann Terrill Jochimsen,
 Corvallis
 Janet Lee Johnson, Portland
 Maranee Claire Jones, Talent
 Katherine Ketchum, The Dalles
 Jo Morast Kuykendall, The Dalles
 Jeanne Louise LaClair, North Bend
 Shirley Tak-Yan Lai, You Yat Chuen,
 Kowloon, Hong Kong
 Linda Louise Lambert, Dallas
 Glenda Mae Landauer, McMinnville
 Lois Marie Liptak, Turner
 JoAnn Livingston, La Grande
 Patricia Ann McKevitt, Quincy,
 California
 Darlene Damman McMacken, Corvallis
 Marilyn Winnifred Mack, Klamath
 Falls
 Ann Cavanaugh Maury, Olympia,
 Washington
 Donna Kay Melvin, Ogden, Utah
 Patricia Lee Mercer, Portland
 Margaret Ann Michalek, Gervais
 Nancy Duus Mieras, Whittier,
 California
 Kay Jean Moore, Hayti, South Dakota
 Janet Claire Moss, Long Beach,
 California
 Loreine Elise Murphy, Sacramento,
 California
 Connie Pauline Naegle, Emmett, Idaho
 Shirley Jean Newton, Canby
 Bonnie Jo Ann Nyquist, Gresham
 Leah Aiko Okamoto, Honolulu,
 Hawaii
 Linda Kay Oxford, Coos Bay
 Joy-Gay Roth Pahl, Portland
 Jo Anne Parkin, Palo Alto, California
 Carol Ann Peterson, North Bend
 Beth Ann Quillin, San Diego,
 California
 Shobana Rajan, Tiruchirapalli, India
 Jackie Jo Dick Rampton, Kimberly
 Myrna Josephine Rantala, Clatskanie
 Marlene Joyce Raymond, Corvallis
 Letitia Antoinette Robertson, Liberia,
 West Africa
 Marilyn Joanne Roy, Honolulu,
 Hawaii
 Janet Louise Schlegel, Banks
 Nancy Nell Schmidt, Albany
 Ellen Louise Schoenborn, Albany
 Roberta Jane Sease, Albany
 Edith Archibald Shields, Corvallis
 Ann Stevens, Sacramento, California
 Suzanne Combs Stewart, Corvallis
 Rose Irene Stockton, Corvallis
 Karen Delight Stolen, Fairbanks,
 Alaska
 Joyce Eileen Stuntzner, Corvallis
 Laurelee Ruth Sykes, Portland
 Jo Ann Taylor, Klamath Falls
 Sandra Eileen Thomas, Portland
 Sandra Merrill Todd, Seattle,
 Washington
 Judith Wicks Torgerson, Portland
 Deanne Wylia Treichler, Arcadia,
 California
 Betty Lou Troxclair, Corvallis
 Eleanor Ann Ury, Casper, Wyoming
 Nellie Joan Van Calcar, Coos Bay
 Karen Lynn Van Schoiack, Corvallis
 Jana Vaughan, Bakersfield, California
 Carla Mae Vaughn, Sheridan
 Juanita Hawley Vohland, Brooks
 Maryellen Warner, Portland
 Rayma May Weibel, Hillsborough,
 California
 Mary Beth Wellman, Portland
 Linda Nan West, Lake Oswego
 Margaret Ann Westfall, Bend
 Venesa Joy White, Lodi, California
 Bonnie Lee Woolley, Portland
 Karen LaVerne Wright, Portland
 Michele Suzanne Wyatt, Salem

School of Pharmacy

CHARLES OWENS WILSON, Dean

The School of Pharmacy offers major curricula, all of them requiring five years to complete, in pharmaceutical chemistry, pharmaceutical science, pharmacognosy, pharmacology, and pharmacy administration.

BACHELOR OF ARTS

Suzanne Louise Cholet, Bakersfield, California

BACHELOR OF SCIENCE

Gary Dean Abrams, Taft, California
Arthur Howard Anderson, Salem
Robert Bruce Ayres, Jr., Modesto, California
Thomas Andrew Balch, Bakersfield, California
David Jack Beach, Portland
John David Beard, Salem
William Ferguson Beckham, Shafter, California
Jack Lee Benshoof, Lebanon
Richard Walter Berger, Corvallis
Lola Aldine Bessey, Eugene
John Francis Bloomingdale, San Pedro, California
Alvin Edmund Born, Klamath Falls
Roger Allen Brehm, Corvallis
Gary Albert Brew, Medford
William Neal Brooks, Lemoore, California
Wayne Elmer Brown, Springfield
Jack Michael Bull, Dallas
Suzanne Louise Cholet, Bakersfield, California
Harold Truman Clark, Corvallis
Bradley Van Clineschmidt, Corvallis
Clifford Willis Dang, Coalinga, California
Deanna Kaye Dilworth, Roseburg
Paul Edward Diment, Battleground, Washington
Richard Wayne Ferguson, Ivanhoe, California
James William Frahm, Milton-Freewater
William Paul Garvey, Corvallis
Raymond Lee Gerlach, Springfield
William Calvin Goss, Bakersfield, California
Robert Price Graham, Portland
Beverly Sue Grant, Fresno, California

Joann Virginia Hainline, Corvallis
Wesley Shain Heitman, Red Bluff, California
Eurial Tracy Huntsucker, Corvallis
Judson Fletcher Hyatt, Bend
Benjamin Franklin Jacobs, Grants Pass
John Earl Jory, Highgrove, California
Michael Herbert Judevine, Corvallis
Lawrence Gilbert Kralman, Corvallis
Richard Kent Lundgren, Salem
Doyle Edwin McElhern, Hilmar, California
Victor Alan McFarland, Crescent City, California
Robert Dean McGill, Jefferson
Raymond Duane Michael, Newberg
Frederick Ralph Miranda, King City, California
Laurence Russell Mongold, Corvallis
Gary William Moore, Colusa, California
Marjorie Mrazek, San Bernardino, California
Michael Stephen Musikant, Portland
Thomas McKain Nichols, Gold Beach
Sammy Masami Noguchi, Sacramento, California
Kenneth Edgar Petersen, Corvallis
Donald Lee Peterson, Ventura, California
Conrad Fred Reinmiller, Corvallis
Stephen Delbert Roath, Corvallis
John Roberti, Portland
Nadine Loraine Secrest, Astoria
Douglas Leon Taylor, Lebanon
Lawrence Lloyd Vierra, Hughson, California
Dan Ray Wilson, Nyssa
Myrna Oi Gee Wong, Honolulu, Hawaii

Advanced Degrees

The Graduate School

HENRY P. HANSEN, Dean

WENDELL H. SLABAUGH, Assistant Dean

All work beyond the baccalaureate degree is supervised by the Graduate Council and the Dean of the Graduate School. Full graduate programs through the Doctor of Philosophy degree are offered in biological sciences, physical sciences, mathematics, agriculture, education, engineering, forestry, home economics, and pharmacy. Oregon State University offers the following advanced degrees in course:

Master of Agriculture (M.Agr.)	Master of Material Science
Master of Arts (M.A.)	(M.Mat.Sci.)
Master of Arts (General Studies)	Master of Pharmacy (M.Pharm.)
(M.A.)	Master of Science (M.S.)
Master of Bioengineering	Agricultural Engineer (A.E.)
(M.Bioeng.)	Chemical Engineer (Ch.E.)
Master of Education (Ed.M.)	Civil Engineer (C.E.)
Master of Engineering (M.Engr.)	Electrical Engineer (E.E.)
Master of Forestry (M.F.)	Industrial Engineer (I.E.)
Master of Home Economics	Mechanical Engineer (M.E.)
(M.H.Ec.)	Mining Engineer (Min.E.)
Doctor of Education (Ed.D.)	
Doctor of Philosophy (Ph.D.)	

MASTER OF ARTS (General Studies)

Claude Oliver Coffman, Corvallis	Education: History: Natural Resources
Gabriel Bernhard Fedde, Portland	Economics: Political Science: Education
Georgena Pettingell Samson Knapp, Corvallis	College and University Teaching:
	Spanish: Political Science
Norma Gonzo Lachelle, Corvallis	Education: English: History
Edward Harvey Loy, Albany	History: English: Education
Carol Vidette Hartman Manning, Corvallis	Education: Family Life:
	Sociology
*Loucretia Anne Ensey Mills, Albany	Education: English: Speech
Joanna May Hunter Miskowicz, Corvallis	Education: English: History
James Carlisle Mullenix, Forest Grove	Education: History: Economics
*Frederick Reyburn Snyder, Levenworth, Kansas	Education: English: History
Margaret Ann Williamson, Bend	Education: Economics: English

MASTER OF ARTS

Curt Gerald Carlhom, Corvallis	Botany
Bruce Rae Johnson, Corvallis	Mathematics
Francis Xavier Kamienski, Oil City, Pennsylvania	Entomology
Gordon Wyatt Martin, Corvallis	Zoology
Adrian Luther Matson, Corvallis	Oceanography
John Royal Alexander Willard, Ontario, Canada	Entomology

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

MASTER OF SCIENCE

Tariq Saleh Al-Falahi, Baghdad, Iraq	Farm Crops
Ralph Lee Allen, Filer, Idaho	General Science
*Jimmie Lee Anderson, Hancock, Iowa	Soils
John Ernest Anderson, Warba, Minnesota	General Science
Sandra Elaine Anderson, Portland	Mathematics
*Gerald Martin Andrus, Spokane, Washington	General Science
Neil Brant Armantrout, Corvallis	General Science
Margaret Anna Arnold, Woodbine, Illinois	Chemistry
*Ronald Barthold Arps, San Jose, California	Electrical Engineering
Samuel Codjoe Arthur, Ghana, West Africa	Mathematics
Arthur Wesley Bailey, Corvallis	Range Management
Saowaros Balankura, Bangkok, Thailand	Agricultural Economics
*Richard Allen Bartsch, Pendleton	Chemistry
Karen Beal, Moore, Idaho	Family Life
Ralph Hulbert Beesley, Empire	General Science
Donn Eugene Bernhardt, Corvallis	Electrical Engineering
*Rohini Suguna Bhatt, Allahabad, India	General Science
*Oya Fatma Bilen, Istanbul, Turkey	Chemistry
Donald Duane Bills, Corvallis	Food Science
Frank Edmond Bishop, Harvey, North Dakota	General Science
Stanley Robert Bishop, Corvallis	Electrical Engineering
Roger Gladwin Bland, North Hollywood, California	Entomology
Jackson Orin Blanton, Corvallis	Oceanography
Gerald Dale Bogar, Raymond, Washington	Botany
Harold Lee Bontrager, Corvallis	Agricultural Economics
Nancy Clair Carter Borchgrevink, Longview, Washington	Foods and Nutrition
Merna Jane Borrer, Gerber, California	Clothing, Textiles, and Related Arts
Richard Francis Boyle, Bremerton, Washington	Natural Resources
*Gary Ronald Bray, Meridian, Idaho	Chemistry
Dorothy Furtick Brown, Corvallis	Family Life
Dallas Dean Bryan, Los Angeles, California	Agricultural Economics
Loyd LaMoyne Buettgenbach, Corvallis	General Science
Gary Manford Buford, Portland	Civil Engineering
Marialyce Burnett, Lakewood, Colorado	Clothing, Textiles, and Related Arts
Thomas Danforth Burnett, Eagle Creek	Statistics
*David Clifford Bushnell, Brookings	Oceanography
*Karen Jensen Butler, Hot Springs, South Dakota	Mathematics
*Stephen Walter Butler, Hot Springs, South Dakota	Statistics
Stuart Leslie Cato, Corvallis	Civil Engineering
Paul James Choban, Portland	Mathematics
Gerald Albert Christensen, Whippany, New Jersey	Electrical Engineering
Sevim Cinki, Ankara, Turkey	Farm Crops
Donald Gene Clark, Tucumcari, New Mexico	General Science
Curtis Allan Collins, San Luis Obispo, California	Oceanography
Dale Holdrege Conant, Caldwell, Idaho	Chemistry
David Douglas Coughenower, Pendleton	General Science
Ford A Cross, Corvallis	Oceanography
Roger Norman Culver, Harrah, Washington	Range Management
Nakorn Darayon, Bangkok, Thailand	General Science
Earl Walter Davey, Corvallis	Oceanography

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Lance Edwin Davis, Klamath Falls	General Science
Ira Marshall Denenholz, Chicago, Illinois	Chemical Engineering
*Harold John Dick, Corvallis	General Science
Allan Harold Doerksen, Denair, California	Botany
John Leo Drew, Regina, Saskatchewan	Agricultural Economics
William Bryant Duke, Norlina, North Carolina	Farm Crops
*Pisawat Dutiyabodhi, Bangkok, Thailand	Microbiology
Leonard Thomas Elliott, Albany	Mechanical Engineering
*Kenneth John Elslip, Lynnwood, Washington	General Science
*Richard Keith Eppley, Corvallis	Entomology
David Roland Evans, Sacramento, California	Civil Engineering
*James Gordon Follensbee, Jefferson, Wisconsin	General Science
John David Fortune, Jr., Corvallis	Fish and Game
Lloyd Alfred Frissell, Seattle, Washington	General Science
*Allen Lee Fulmer, Salem	Electrical Engineering
John Neil Gallagher, Salem	General Science
*Charles Leon Garner, Birmingham, Alabama	General Science
Kathleen Frances Fagg Gee, Corvallis	Family Life
Vidal Emmanuel Godwin, Sierra Leone, Africa	General Science
Robert Ray Golden, Phoenix, Arizona	Mathematics
George Joseph Grammens, Corvallis	Physics
*Mary Anne Grams, Portland	General Science
Edward Laurence Gray, Saskatchewan, Canada	Agricultural Economics
*Warren James Green, Portland	Agricultural Economics
John Kenneth Grons Dahl, Saskatchewan, Canada ,	Agricultural Economics
Marshall Irvin Gurian, Denver, Colorado	Chemical Engineering
*Curtis Darrell Guthrie, Portland	General Science
*Darrel Dean Gwinn, Lebanon	Microbiology
Maurla Kleone Haehlen, Olympia, Washington	General Science
James Edward Hall, Wenatchee, Washington	Natural Resources
George Frank Hamlin, Riddle	Agricultural Engineering
Dennis Roy Harris, Riverside, California	Civil Engineering
Lyle Daniel Heck, Laureldale, Pennsylvania	Electrical Engineering
George Gordon Hespelt, Moscow, Idaho	Electrical Engineering
James Leroy Hiatt, Roseburg	Natural Resources
Terry Leonard Highley, Marion, Iowa	Forest Products
Kenneth Stephen Hilderbrand, Jr., Corvallis	Food Science
David Ray Hill, Colton	Geology
James Carver Hill, Hendersonville, North Carolina	Electrical Engineering
Joe Nelson Hobbs, Jr., Rochester, New York	Microbiology
Robert Herman Hofeldt, Corvallis	Physical Chemistry
*James McKinnon Holst, Reedsport	General Science
Reynaldo Huaccho-Salazar, Lima, Peru	Electrical Engineering
Anita Wong Huang, Corvallis	Food Science
Bibi Fathul Huda, Peshawar, West Pakistan	Family Life
Jack Horace Hunt, Portland	Natural Resources
*Omer Fadl Idris, Khartoum, Sudan	Animal Science
Michael Shigeru Inoue, Tokyo, Japan	Industrial Engineering
*Maretha Stephanie Jacobsz, South Africa	Clothing, Textiles, and Related Arts
Richard Lee Johnsey, Olympia, Washington	Entomology
*Nancy Lea Johnson, Denver, Colorado	Home Economics Education
Mohamed Mohy Kassem, Egypt	General Science
*Howard Tsuneyuki Kato, Portland	Mechanical Engineering

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Stanley Ulrick Kellerup, Corvallis
 George Ezekiel Kerr, Jamaica, West Indies
 Herbert Kershaw, Jr., Stillwater, Oklahoma
 *Satya Pal Khanna, India
 *Jay Leslie Kilbourne, Corvallis
 *Henry John Kilmer, Jr., Corvallis
 Chia-Cheng King, Taiwan, China
 Kenneth Boyd Knechtel, Corvallis
 Jean Elisabeth Kneeland, Portland
 Robert Allen Knudsen, Chicago, Illinois
 Ronald Andrew Kong, Honolulu, Hawaii
 Hormozd Khodadad Koocheki, Corvallis
 Sally Ann Kulm, Corvallis
 *David Ernest Laird, Dayton, Ohio
 Johanna Marie Dobrot Landsberg, Corvallis
 James Edward Langler, Corvallis
 Edward Marshall Larson, Auburn, California
 Lorie Lee Latham, Seattle, Washington
 *Dixie Jane Lembach, Madras
 Eldon Edward Leutzinger, Phoenix, Arizona
 *Peter Victor Leveque, Santa Rosa, California
 Shu-yen Suzan Lin, Taiwan, China
 Kang-chien Liu, Taiwan, China
 Gordon Kay Livingston, Springville, Utah
 Justo Lopez-Garcia, Ponce, Puerto Rico
 *Leonard Carl Love, Corvallis
 Gerald Roger Lowry, New Auburn, Wisconsin
 *Robert Ray Ludeman, Spangle, Washington
 *Sandy McGregor, Corvallis
 *Albert Edward McKay, Astoria
 Brian Keith McKnight, Corvallis
 *Lawrence Otto McMinimy, Prairie Village, Kansas
 Frank Joseph McNicholas, Peru, New York
 Richard Miller McQueen, Corvallis
 John William MacKenzie, Edinburgh, Scotland
 Paul Carver MacMillan, Corvallis
 *Mahmoud Mahbod, Tehran, Iran
 Siegfried Mahn, Jaderberg, Oldenburg, Germany
 Joanne Mann, Boulder, Colorado
 Paul Thomas Mannen, Jr., Corvallis
 *Bernard Loyal Martin, Ellensburg, Washington
 Paul Fredrick Matheimeier, Fremont, Nebraska
 Edward Max Matzdorff, Corvallis
 *Stephen Melnichuk, Portland
 *Sheridan Vernon Merritt, Corvallis
 Jack Alan Mitchell, Richland, Washington
 Dale Cecil Newland, Spokane, Washington
 *Darrel Dean Nicholas, Corvallis
 Glenn Edward Nichols, Montclair, California
 Alphonse Roman Noë, Staten Island, New York
 David Wallace Norman, Sussex, England
 Logan Allen Norris, Corvallis
 William Benjamin North, Corvallis

Poultry Science
 Entomology
 General Science
 Electrical Engineering
 General Science
 General Science
 Electrical Engineering
 Meteorology
 Zoology
 Chemical Engineering
 General Science
 Botany
 General Science
 General Science
 Food Science
 Food Science
 Chemical Engineering
 General Science
 Geology
 Chemistry
 General Science
 Botany
 Plant Pathology
 Forest Management
 Horticulture
 Industrial Arts Education
 Fish and Game
 General Science
 Microbiology
 General Science
 Geology
 Forest Products
 Entomology
 General Science
 Farm Crops
 Plant Physiology
 General Science
 Genetics
 Family Life
 General Science
 General Science
 Microbiology
 Mathematics
 General Science
 Zoology
 Mechanical Engineering
 Natural Resources
 Forest Products
 General Science
 Chemical Engineering
 Agricultural Economics
 Forest Management
 Oceanography

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Darlene Enid Nye, Portland	General Science
Franklin Carl Olson, Wausa, Nebraska	General Science
Charles Edgar Osgood, Washington, D. C.	Entomology
George Elefterios Papageorge, Haraka, Laconias, Greece	Electrical Engineering
*Janet Smetts Paul, Corvallis	Family Life
John David Pembrook, Union	Meteorology
*James William Pendleton, Corvallis	General Science
*Ellis Dale Peterson, Sebastopol, California	General Science
William Emery Peterson, Portland	Chemistry
*Bonita Jean Peura, Helena, Montana	Statistics
Robert Dean Pfister, Moscow, Idaho	Forest Management
Clarence Alan Porter, Portland	Zoology
*Lester Louis Porter, Monmouth	General Science
John Robert Prince, Corvallis	Physics
*Stephen Glenn Provant, Boise, Idaho	Chemistry
Gundlagutta Mahadeva Reddy, Andhra Pradesh, India	Food Science
*Clinton Bruce Reeder, Pendleton	Agricultural Economics
Paul Edward Reimers, Astoria	Fish and Game
Dennis Waring Richardson, Salt Lake City, Utah	Electrical Engineering
Joseph Thaddeus Riker III, Klamath Falls	Animal Science
*Gilbert Allen Rinard, Corvallis	Zoology
Verrill Joanne Redo Rinehart, Corvallis	Oceanography
Ronald Laird Ritschard, Corvallis	Zoology
James Melvin Robertson, Weatherford, Texas	General Science
Myles Canby Robinson, Vancouver, Washington	Botany
Frederick Louis Rose, Jr., Corvallis	General Science
Harvey Frederic Rose, Lebanon	Animal Science
*James Arthur Rotramel, Portland	General Science
Howard Jamison Russell, Jr., Corvallis	Oceanography
Peter Turner Rux, Forest Grove	Electrical Engineering
Dennis Eugene Ryder, Corvallis	General Science
*Walter Lane Saunders, Corvallis	General Science
Lewis Hyde Schaad, Corvallis	Chemistry
Richard Allen Schwabauer, Hubbard	Farm Crops
Frederick Martin Senk, Jr., Peekskill, New York	Electrical Engineering
Lolita Bate Serrano, San Juan, Rizal, Philippines	Food Science
Yuan-Shou Shen, Taiwan, China	Mechanical Engineering
*B Ronald Simonis, Astoria	General Science
Karen Joyce Smalley, Boone, Iowa	Family Life
Gary Eugene Smith, Brogan	Animal Science
Gordon Kent Smith, Bellevue, Washington	Entomology
Jerome Stafford Smith, Klamath Falls	Fish and Game
*Richard Peter Solga, Concord, California	General Science
*LaVar Leonard Sorensen, Salt Lake City, Utah	General Science
*Joseph John Stark, Los Angeles, California	General Science
*William Robert Stephenson, Temple, Texas	General Science
*Ronald Keith Swingen, Corvallis	General Science
*Michael Thomas Sworakowski, Stanford, California	Electrical Engineering
Donald Masaru Takeuchi, Hilo, Hawaii	Meteorology
*Ralph Edward Taylor, Burley, Idaho	General Science
Jack Loren Teague, Dayton	Chemistry
Jenny Elizabeth Tesar, Corvallis	General Science
Steven Risley Thompson, Wheeler	Zoology

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Wayne Eugene Tonack, Scio	Natural Resources
Sopin Tongpan, Bangkok, Thailand	Agricultural Economics
Sargun Ali Tont, Turkey	Oceanography
Donald Stephen Trent, Cloverdale	Mechanical Engineering
*Dale Elwin Tritten, Coeur d'Alene, Idaho	General Science
Gerald Albert Vellutini, Eureka, California	General Science
Robert Gene Wall, Boise, Idaho	Chemistry
William Paul Watson, Kailua, Hawaii	Mechanical Engineering
Frederick Wesley Weingarten, Jr., Corvallis	Mathematics
Willis Harkness White, Cumberland, Rhode Island	Geology
Tex Richard Whiteman, Tigard	General Science
*Ronnie Rene Wiggle, Moab, Utah	Chemistry
Lyle Wilhelmi, Salem	General Science
Jerry James Wilson, Colton, California	Animal Science
David Tai-wai Wong, Kowloon, Hong Kong	Chemistry
Marianne Miu-ling Wong, Los Angeles, California	Food Science
Millie Miu-Yee Wong, Kowloon, Hong Kong	Food Science
*Somchit Yodseranee, Bangkok, Thailand	Genetics
Clarence Robert Young, Corvallis	Electrical Engineering
Franklin Robert Young, Portland	Fish and Game
*Rosalind Wai-Ping Yuen, Kowloon, Hong Kong	Zoology
Jaroslav Zavitkovski, Corvallis	Forest Management
Hassan Zehsazian, Tehran, Iran	Horticulture

MASTER OF AGRICULTURE

Antonio Malaquias D'Costa, Nairobi, Kenya	Soils: Animal Science: Extension Methods
John Oliver Grizzle, Pasadena, California	Farm Crops: Horticulture: Agricultural Economics
Harry John Riehle, Deer Park, Washington	Farm Crops: Agricultural Economics: Agricultural Education
Wallace Wesley Riehle, Kennewick, Washington	Agricultural Education: Dairy Husbandry: Agricultural Economics
Kim Orval Roberts, Santa Rosa, California	Horticulture: Food and Dairy Technology: Agricultural Economics

MASTER OF BIOENGINEERING

Alan B Chambers, Beaverton

MASTER OF EDUCATION

Carlynn Fae Ackerman, Ventura, California	Guidance
*Laurel Maurice Adams, McMinnville	Education
William Dean Aldridge, Gervais	Guidance
*Robert Lewis Allord, Milwaukie	Education
*Paul Joseph Anglin, Tumwater, Washington	Education
Gary Edward Aved, Portland	Education
Walter Oral Baglien, Albany	Education
Hazen Robert Clifford Barnard, Milwaukie	Guidance
*Malcolm Charles Barrows, Milton-Freewater	Guidance
Harry Allen Bell, Jr., Kewadin, Michigan	Guidance

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

*Roberta Agnes Abrahamson Boddy, Portland		Guidance
William Ellsworth Boyd, Corvallis		Guidance
James Roger Brackins, Yamhill		Education
*Edward Hugh Brasmer, Sacramento, California		Guidance
Richard Llewellyn Brooks, Corvallis	Health	Education
*Kenneth Earle Brown, Edmonton, Alberta, Canada	Industrial Arts	Education
Robert Merle Brown, Corvallis		Education
Leland Stanley Brunquist, Hood River		Education
Richard Leroy Burke, Hillsboro		Guidance
*William Albert Bustrum, Portland		Education
*Marylin Delores Fields Callender, Moses Lake, Washington		Education
*Ralph Leland Carroll, Portland		Education
*Margaret Frances Ray Causbie, Albany		Education
Paul Joseph Chamberland, St. Paul, Alberta, Canada	Industrial Arts	Education
*Mary Lewis Christlieb, Ashland		Education
*Douglas Charles Clark, Astoria		Education
Robert David Clausen, Independence		Guidance
*Charles Arthur Clemans, Vancouver, Washington		Education
*David Allan Cochran, Liberty, Missouri	Industrial Arts	Education
Joe Lee Cole, Corvallis		Education
Elaine Morrison Cook, Albany		Education
*Dwight Allen Cranston, Toledo, Washington		Education
Audrey Winifred Coyle Cutts, Albany		Education
*James Delbert Davis, Monmouth	Business	Education
*Clifford Owen Denney, Milwaukie		Education
*James Cecil Duff, Sandy	Health	Education
Herbert LaVerne Duncan, Pe Ell, Washington	Industrial Arts	Education
*Ronald Gordon Durkee, Camas, Washington	Industrial Arts	Education
*Mary Patricia Krieg Eckersley, Bakersfield, California		Education
*Patricia Imlay Edgar, Portland		Guidance
*Wesley Allen Ediger, Dallas		Education
Mary Florence Engesser, Corvallis		Guidance
David Norman Ensberg, Olympia, Washington		Guidance
*David Campbell George Etter, Portland		Guidance
Earl Lawrence Ficken, Hillsboro		Guidance
*Charles Fredric Foulon, Klamath Falls	Industrial Arts	Education
Wyman Lyndol Gernhart, Portland		Education
Alta Jean Gildersleeve, Sutherlin		Guidance
Marilyn Grace Gilmore, Sherman Oaks, California		Education
*Robert Calvin Greene, Auburn, Washington	Industrial Arts	Education
*Earl William Grimes, Sweet Home		Education
*Donald B Groat, Newport		Education
*Duane Wendell Hall, Beaverton		Education
George Alan Halter, Amity	Agricultural	Education
*Bryce Hanning, Lake Grove		Education
Carolene Loyade Hansen, Napa, California		Guidance
Eileene Palmer Harper, Albany		Education
*Eugene Finley Harper, Tigard		Education
*Shirley Yvonne Schantz Haselton, Albany		Education
Michael Jerome Hathaway, Corvallis		Education
*Hardis Berntina Tonder Hebert, Vancouver, Washington		Guidance
Beatrice Walter Heiken, Coos Bay	Business	Education
*Andrew Norman Helling, Puyallup, Washington	Industrial Arts	Education

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

*Charline Plunkett Herndon, Carrollton, Texas	Education
Charles Benjamin Hinds III, North Bend	Education
*Gary O Horton, Corvallis	Guidance
*Michael Charles Hosokawa, Golden, Colorado	Health Education
Mary Lou Hunter, Portland	Education
Gerald W Jeppson, Portland	Guidance
*Patricia Christina Johnstone, Leaburg	Guidance
John Edwin Jones, Dayton	Guidance
Mary Emily Kingsbury, Portland	Guidance
Ruth Verle Kinne Klarr, Salem	Guidance
Agnes Virginia Christian Koos, Tangent	Education
Byron Francis Koskiniemi, Gackle, North Dakota	Business Education
*Robert Joseph Kremer, Lake Grove	Guidance
Nella Hart Krieg, Corvallis	Education
Leonard Ernest Kunzman, Salem	Agricultural Education
Cecil Ray Lake, Klamath Falls	Education
*Russell Marvin Lambert, Jr., Portland	Education
*Elwon Lance, San Luis Obispo, California	Education
Alice Case Lang, Oak Harbor, Washington	Guidance
Richard Loren Larkin, Harrisburg	Education
*Robert Stuart Latham, Albany	Education
Willis Allyn Laughlin, Dayville	Guidance
*Clifford Wayne Laycock, Puyallup, Washington	Education
Judith Rusch Lindsay, Portland	Guidance
Curtis Eugene Loewen, Roseburg	Agricultural Education
*Roy Lester Love, Portland	Education
*Morley Rupert McDougall, Calgary, Alberta, Canada	Industrial Arts
Lois Ann McFarland, Corvallis	Education
Jeffery William MacRae, Vancouver, British Columbia	Guidance
William Arnett Mardock, McMinnville	Guidance
*Martha Louise Mathew, Gresham	Business Education
Ronald Francis Miller, Elgin	Education
*Terrence Evan Miracle, Portland	Education
Geraldine Claire Mooney, Irving, Texas	Education
*Katherine Cobb Mulkey, Monmouth	Education
Leila Joanne Nicholas, Seattle, Washington	Guidance
Nina Elizabeth Niskanen, Bend	Business Education
Perihan Alay North, Ankara, Turkey	Education
Nancy Grace Dougherty O'Malley, Portland	Guidance
*Richard Merrill Olfert, Salem	Education
Richard Lee Olson, Beaverton	Guidance
Richard Frederick Omans, Grangeville, Idaho	Industrial Arts Education
*Albert Ferguson Paget, Jr., San Luis Obispo, California	Education
Loren Dale Pankratz, Salem	Guidance
Jean Clark Parham, Corvallis	Education
*Carol Sue Petersen, Milwaukie	Education
*Jack Hugh Peterson, Klamath Falls	Health Education
Gene Cecil Peyton, Hood River	Guidance
Thomas Roen Pickens, Salem	Health Education
Don Gale Piper, Aloha	Education
*Dow Peter Poling, Corvallis	Education
Carl Blaine Powers, Corvallis	Education

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Phillip Leo Raistakka, Tacoma, Washington	Guidance
Stuart Allen Richards, Forest Grove	Industrial Arts Education
Dale Frank Robbins, McMinnville	Health Education
Bruce Ben Roberts, Corvallis	Guidance
Roberta Mae Roberts, Seattle, Washington	Education
Louis Francis Rochon, Silverton	Education
*Corine Lila Rouse, Munich, North Dakota	Guidance
Gary Ray Samuel, Hood River	Health Education
*Donald Carl Schmeiser, West Linn	Industrial Arts Education
Paul Douglas Schoen, Madras	Education
*Marilynn Inez Stewart Scott, Spenard, Alaska	Education
*Josephine Elizabeth Humphreys Simmons, Hermiston	Business Education
Charles Norman Skeans, Madras	Agricultural Education
Douglas Lawrence Smith, Corvallis	Education
Harold Edwin Stephens, Ceres, California	Industrial Arts Education
Joanne Darlene Stettler, Salem	Health Education
Mary Josephine Steward, Corvallis	Education
Vern Gorsline Steward, Eagle Point	Education
Ruth Catherine Lumbrick Stopa, Newberg	Guidance
*Joan Jacqueline Sullivan, Troutdale	Education
Jacob Tannenbaum, Portland	Guidance
Horst Gerard Taschow, St. Paul, California	Guidance
*Dorothy Potter Tennis, Corvallis	Education
Elvira Alice James Thomas, Roseburg	Education
*Irene Toner, Lakeview	Guidance
*Eldred Arthur Umbach, Calgary, Alberta, Canada	Industrial Arts Education
*John Joseph Veenster, Portland	Education
*Dale Bennett Visger, College Heights, Alberta, Canada	Industrial Arts Education
Beverly Joyce Wagner, Junction City	Education
Helen Anne Kathleen Wagner, Trail, Canada	Guidance
Ned Erven Wagner, Lake Oswego	Industrial Arts Education
*Robert Clair Warren, Albany	Education
Jack Arland Weeks, Mt. Angel	Guidance
Clarence Everett Wells, Jr., Oroville, California	Guidance
*Charles Homer Westfall, Newport	Education
Harold Carver Wheelchel, Lake Oswego	Business Education
Richard Allan White, The Dalles	Guidance
Russell Allen Whitman, Salem	Guidance
*George Waldemar Wickberg, McMinnville	Guidance
Llewellyn Philip Williams, Albany	Education
Carl William Witthuhn, Calistoga, California	Education
Marilyn Jean Wold, Hillsboro	Business Education
Virginia Evans Wold, Harrisburg	Education
*Clifton Maurice York, Portland	Education
*Robert Leach Yorkston, Milwaukie	Industrial Arts Education
*Donna Jean Young, Portland	Education
*Gerald Charles Young, Albany	Health Education
Ray Alfred Ziegler, Lake Oswego	Guidance
*Ernie Melchoir Zwahlen, Ames, Iowa	Health Education

MASTER OF FORESTRY

Russell Grover Dix, Portland	Forest Engineering
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* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

MASTER OF HOME ECONOMICS

*Bette Arlene Brown, Loma Linda, California
Pearl Daisy Maude Douce, Corvallis
Pearl Satoko Kishimoto, Hilo, Hawaii
*Georgia Claudine Kratzberg, Caldwell, Idaho
Rajwant Kaur Sohi, Punjab, India

Home Administration
Clothing and Textiles
Child Development
Family Life
Child Development

CHEMICAL ENGINEER

Frank Elmer Block, Corvallis

CIVIL ENGINEER

Richard Joseph Fisher, Portland

ELECTRICAL ENGINEER

Roderick Smit Mesecar, Corvallis

DOCTOR OF EDUCATION

Darien Howard Backlund, Portland

B.S., 1937, University of Oregon
Ed.M., 1951, University of Oregon
Major: Education. *First Minor:* Business Education. *Second Minor:* Business Administration.
Thesis: Electronic Data Processing with Specific Reference to the Preparation, Duties, and Qualifications of the Programmer in the City of Portland, Oregon.

Robert Wilson Howe, Columbus, Ohio

B.A., 1954, Willamette University
M.S., 1962, Oregon State University
Major: Education. *First Minor:* General Science. *Second Minor:* Science Education.
Thesis: The Relationship of Learning Outcomes to Selected Teacher Factors and Teaching Methods in Tenth Grade Biology Classes in Oregon.

Hollis Winslow Plimpton, Jr., Brookline, Massachusetts

B.A., 1952, Duke University
M.A., 1960, Willamette University
Major: Guidance. *First Minor:* College Teaching. *Second Minor:* Psychology.
Thesis: The Development and Evaluation of Audio-Visual Techniques to Acquaint High School Students with Opportunities Available in Schools of Higher Education in Oregon.

DOCTOR OF PHILOSOPHY

Albert Duane Addleman, Archie, Missouri

B.S., 1959, University of Missouri
M.S., 1960, University of Missouri
Major: Genetics. *First Minor:* Physiology. *Second Minor:* Statistics.
Thesis: Certain Genetic and Maternal Environmental Influences on Growth Rate and Body Composition of Lambs.

Glenn Arthur Anderson, Corvallis

B.S., 1953, Washington State University
MAT, 1958, Washington State University
Major: Zoology. *First Minor:* Botany. *Second Minor:* General Science.
Thesis: Digenetic Trematodes of *Ascapus truei* in Western Oregon.

Ralph Lee Bain, Corvallis

B.S., 1956, University of Illinois
Major: Inorganic Chemistry. *First Minor:* Physical Chemistry. *Second Minor:* Mathematics.
Thesis: Isotopic Exchange Reactions in Thionyl Chloride and Sulfuryl Chloride.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Richard William Baldwin, Brandon, Manitoba, Canada

B.S.A., 1956, University of British Columbia
M.S.A., 1960, University of British Columbia
Major: Farm Crops. *First Minor*: Plant Physiology. *Second Minor*: Biochemistry.
Thesis: The Influence of (2-chloroethyl)-trimethylammonium Chloride on the Ribonucleic Acid Content of Wheat (*Triticum aestivum*) Leaves.

David Merle Barnhart, Corvallis

B.S., 1957, University of Oregon
M.S., 1959, University of Oregon
Major: Physical Chemistry. *First Minor*: Mathematics. *Second Minor*: Chemistry.
Thesis: Effect of Temperature on the Structure of Gaseous Arsenic Tribromide.

Kent Marsden Beckman, Corvallis

B.S., 1961, University of Washington
Major: Plant Pathology. *First Minor*: Botany. *Second Minor*: Chemistry.
Thesis: Physical Factors Affecting Longevity and Germination of Seeds of Western Dwarf-mistletoe (*Arceuthobium campylopedum*) Engelm. f. *campylopedum*).

*Joan Dunkel Beltz, Corvallis

B.A., 1948, Washington D. C. Missionary College
M.A., 1951, Walla Walla College
Major: Zoology. *First Minor*: Systematic Botany. *Second Minor*: General Zoology.
Thesis: An Analysis of Vocalizations of the Rufous-Sided Towhee, *Pipilo erythrophthalmus oregonus* (Bell).

Rajanikant Premshanker Bhatt, North Chicago, Illinois

B.Pharm., 1952, Gujarat University, India
M.S., 1960, Oregon State University
Major: Microbiology. *First Minor*: Biochemistry. *Second Minor*: Pharmacology.
Thesis: The Comparative Role of Molecular and Nitrate Oxygen in the Dissimilation of Glucose.

Norman Fredrick Billups, Corvallis

B.S., 1958, Oregon State University
M.S., 1960, Oregon State University
Major: Pharmacy. *First Minor*: Pharmacognosy. *Second Minor*: Chemistry.
Thesis: Preparation and Properties of Bentone^(R) Ointment Bases.

*John Butts Bourke, Delmar, New York

B.A., 1957, Colgate University
M.S., 1960, Oregon State University
Major: Biochemistry. *First Minor*: Plant Physiology. *Second Minor*: Radiochemistry.
Thesis: Studies on the Metabolism of n-Propyl N, N-Di-n-Propyl Thiolcarbamate in Le-gumes.

Norman Richard Bradner, Sardis, B. C., Canada

B.S.A., 1959, University of British Columbia
M.S.A., 1961, University of British Columbia
Major: Farm Crops. *First Minor*: Genetics. *Second Minor*: Botany.
Thesis: Some Factors that Affect Pollination and Seed Formation in Alfalfa, *Medicago sativa* L.

*Bert Elwood Brown, Tacoma, Washington

B.S., 1951, State College of Washington
M.S., 1953, California Institute of Technology
Major: Physics. *First Minor*: Mathematics. *Second Minor*: Meteorology—Quantum Theory.
Thesis: A Configuration-Interaction Calculation of Wave Function for Certain States of Lithium.

Patricia Myers Buckley, Salem

B.S., 1948, Ohio University
M.S., 1958, Oregon State University
Major: Microbiology. *First Minor*: Biochemistry. *Second Minor*: Zoology.
Thesis: Incorporation of Carbon-14 into Lee Influenza Virus, Using Labelled Metabolites in a Tissue Culture System.

Sheril Dale Burton, Malad City, Idaho

B.S., 1959, Brigham Young University
M.S., 1961, Brigham Young University
Major: Microbiology. *First Minor*: Biochemistry. *Second Minor*: Oceanography.
Thesis: Growth Characteristics and Metabolism of *Beggiatoa*.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

- *Gene Paul Carpenter, Fergus Falls, Minnesota
 B.S., 1955, Oklahoma A. & M. College
 M.S., 1961, Oregon State University
Major: Entomology. First Minor: Botany and Plant Pathology. Second Minor: Zoology.
Thesis: Some Factors Determining the Level of Bean Yellow Mosaic Virus Transmission by Aphids.
- Ronald Gibson Coffey, San Antonio, Texas
 B.S., 1958, Colorado State University
Major: Biochemistry. First Minor: Physical Chemistry. Second Minor: Cell Biology.
Thesis: Pathways of Glucose Utilization and Ribose Synthesis in the Chick Embryo.
- *Lamar William Coleman, Corvallis
 B.S., 1955, Virginia Military Institute
 M.S., 1958, Oregon State University
Major: Physics. First Minor: Mathematics. Second Minor: Nuclear Physics.
Thesis: Gamma-Gamma Directional Correlation Study of Barium-134.
- Clee Scott Cooper, Bozeman, Montana
 B.S., 1948, Montana State College
 M.S., 1950, Montana State College
Major: Farm Crops. First Minor: Plant Physiology. Second Minor: General Science.
*Thesis: Factors Affecting Establishment, Survival, and Production of Birdsfoot Trefoil (*Lotus corniculatus*) and alfalfa (*Medicago sativa*).*
- William Thomas Cram, Vancouver, British Columbia, Canada
 B.S., 1950, University of British Columbia
 M.S., 1955, Oregon State University
Major: Entomology. First Minor: Plant Physiology. Second Minor: Insect Physiology.
*Thesis: Factors Affecting the Fecundity of the Root Weevils, *Brachyrhinus sulcatus* (F.), and *Sciophites obscurus* Horn.*
- Glenn LeRoy Crouch, Corvallis
 B.S., 1959, University of Idaho
 M.S., 1961, Colorado State University
Major: Range Management. First Minor: Fish and Game Management. Second Minor: Plant Ecology.
Thesis: Forage Production and Utilization in Relation to Deer Browsing of Douglas-fir Seedlings in the Tillamook Burn, Oregon.
- Russell Everett Curtice, Bryan, Ohio
 B.S., 1953, University of Michigan
 M.A., 1958, University of Michigan
 M.S., 1958, Oregon State University
Major: Inorganic Chemistry. First Minor: Physical Chemistry. Second Minor: General Science.
Thesis: The Luminescence of Thallium (I) Halide Complexes.
- Anne Maureen O'Connell Deeney, Corvallis
 B.S., 1948, Marylhurst College
 M.S., 1959, Oregon State University
Major: Microbiology. First Minor: Biochemistry. Second Minor: Virology.
*Thesis: The Role of Methionine in the Metabolism of *Micrococcus radiodurans*.*
- August Albert De Hertogh, Lemont, Illinois
 B.S., 1957, North Carolina State College
 M.S., 1961, North Carolina State College
Major: Plant Physiology. First Minor: Biochemistry. Second Minor: General Science.
Thesis: Enzymatic and Respiratory Studies on the Role of Cobalt in Legumes.
- John David DeMartini, Eureka, California
 B.A., 1955, Humboldt State College
 M.A., 1960, Humboldt State College
Major: Zoology. First Minor: Botany. Second Minor: General Science.
*Thesis: The Life Cycle of the Trematode, *Telocithus pugetensis* Lloyd & Guberlet, 1932.*
- Silvio Echeverri, Manizales, Colombia, South America
 B.S., 1959, University of Caldas, Colombia
Major: Farm Crops. First Minor: Genetics. Second Minor: Botany.
*Thesis: A Comparison of Progeny Testing Methods and Estimates of Combining Ability for Seed Yield and Associated Variables in Tall Fescue (*Festuca arundinacea*).*

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Kenneth Melvin Evenson, Bozeman, Montana

B.S., 1955, Montana State College

M.S., 1960, Oregon State University

Major: Physics. *First Minor:* Mathematics. *Second Minor:* Atomic and Nuclear Physics.

Thesis: Atomic Nitrogen Recombination Studied by Electron Paramagnetic Resonance.

Taghi Amir Fakouhi, Corvallis

B.S., 1961, Oregon State University

M.S., 1963, Oregon State University

Major: Pharmacology. *First Minor:* Pharmaceutical Science. *Second Minor:* Biochemistry.

Thesis: Some Pharmacological Mechanisms and the Interrelationship of Bulbocapnine and 5-Hydroxytryptamine on the Cardiovascular System of the Dog.

John Louis Fryer, Corvallis

B.S., 1956, Oregon State University

M.S., 1957, Oregon State University

Major: Microbiology. *First Minor:* Fisheries. *Second Minor:* General Science.

Thesis: Methods for the *in vitro* Cultivation of Cells From the Tissues of Salmonid Fishes.

Evangelos John Gizis, Piraeus, Greece

B.S., 1957, Athens University, Greece

M.S., 1962, Oregon State University

Major: Food Technology. *First Minor:* Biochemistry. *Second Minor:* Radiochemistry.

Thesis: The Isolation and Characterization of the Pectic Enzymes and the Pectic Substances of the Northwest Strawberry.

Walter Leonard Gould, Mountain View, Wyoming

B.S., 1948, University of Wyoming

M.S., 1957, University of Wyoming

Major: Farm Crops. *First Minor:* Plant Physiology. *Second Minor:* Biochemistry.

Thesis: Indole-3-Acetic Acid in (2-Chloroethyl)-Trimethylammonium Chloride-Treated Club Wheat (*Triticum aestivum compactum*).

*Arthur Eugene Gravatt, Corvallis

B.A., 1948, Linfield College

M.A., 1951, University of Oregon

Major: Family Life. *First Minor:* Sociology. *Second Minor:* Psychology.

Thesis: Perception as a Factor in Mate Selection.

Victor Emerald Hauser, Jr., Corvallis

B.S., 1959, University of California

Major: Chemical Engineering. *First Minor:* Mathematics. *Second Minor:* Physics.

Thesis: A Study of Carbon Anode Polarization in Fused Carbonate Fuel Cells.

*Alan Gard Heath, Palo Alto, California

B.A., 1958, San Jose State College

M.S., 1961, Oregon State University

Major: Physiology. *First Minor:* General Science. *Second Minor:* Cellular Biology.

Thesis: Physiological Alterations Following Severe Hypoxic Stress in Two Species of Fresh-Water Fish.

Mason Edward Henderson, La Grande

B.S., 1953, Montana State College

M.S., 1963, Oregon State University.

Major: Geometry. *First Minor:* Analysis. *Second Minor:* Algebra.

Thesis: Finite Geometries Without the Axiom of Parallels.

William Lynn Hunt, Ithaca, New York

B.S., 1950, University of Arizona

M.S., 1960, Washington State University

Major: Animal Science. *First Minor:* Animal Nutrition. *Second Minor:* Genetics.

Thesis: Ova Transfers in Sheep and Rabbits: Studies on Maternal Influences and Irradiation Damage.

Ben Clarence Johnson, Burbank, California

B.S., 1952, University of California, Berkeley

M.A., 1961, Long Beach State College

Major: Mathematics Analysis. *First Minor:* Mathematics. *Second Minor:* Chemical Engineering.

Thesis: Integral Equations Involving Special Functions.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963

John Morris Johnson, Corvallis

B.S., 1948, College of Idaho

M.S., 1961, Oregon State University

Major: Botany. *First Minor*: Zoology. *Second Minor*: General Science.

Thesis: Contracting Nucleolar Vacuoles in Somatic Tobacco Cells Growing in Micro-cultures.

Clive Darrel Jorgensen, Provo, Utah

B.S., 1954, Brigham Young University

M.S., 1957, Brigham Young University

Major: Entomology. *First Minor*: Zoology. *Second Minor*: Botany and Plant Pathology.

Thesis: Ecology of Mites on Pomaceous Fruit Trees and Related Wild Hosts in the Hood River Valley.

Suresh Shivarau Kerwar, La Jolla, California

B.S., 1956, Presidency College, India

M.S., 1958, University of Nagpur, India

Major: Microbiology. *First Minor*: Biochemistry. *Second Minor*: Applied Bacteriology.

Thesis: Amino Acid Metabolism in *Acetobacter suboxydans*.

Pappachan Ettoop Kolattukudy, Kalady, India

B.Sc., 1957, University of Madras, India

Major: Biochemistry. *First Minor*: Organic Chemistry. *Second Minor*: Plant Physiology.

Thesis: Effects of Washing and Aging on the Metabolism of Red Beet Root Slices.

*Gerald Frederick Kraft, Bellingham, Washington

B.A., 1954, San Jose State College

M.S., 1956, Washington State University

Major: Entomology. *First Minor*: Zoology. *Second Minor*: Bacteriology.

Thesis: Seasonal Occurrence and Distribution of Aquatic Insects in Berry Creek.

Frederick Thomas Krogh, Sweet Home

B.S., 1960, Oregon State University

Major: Analysis. *First Minor*: Applied Mathematics. *Second Minor*: College Teaching—Algebra.

Thesis: Stability and Accuracy of Predict-Correct Methods in Different Equations.

Dorris Alton Lillard, Thompson Station, Tennessee

B.S., 1958, Middle Tennessee State College

M.S., 1961, Oregon State University

Major: Food Science. *First Minor*: Organic Chemistry. *Second Minor*: Microbiology.

Thesis: The Autoxidative Degradation of Some Secondary Products of Autoxidizing Lipids.

Larry Leon McDowell, Syracuse, New York

B.S., 1958, Utah State University

Major: Plant Pathology. *First Minor*: Botany. *Second Minor*: Forest Entomology.

Thesis: Physiological Relationships Between Dwarf Mistletoe and Ponderosa Pine.

Charles David McIntire, Corvallis

B.B.A., 1954, Southern Methodist University

B.S., 1958, Oregon State University

M.S., 1960, Oregon State University

Major: Botany. *First Minor*: Fisheries. *Second Minor*: Oceanography.

Thesis: Laboratory Studies of Periphyton Production and Community Metabolism in Lotic Environments.

Gary Allen McIntyre, Orono, Maine

B.S., 1960, Oregon State University

Major: Plant Pathology. *First Minor*: Botany. *Second Minor*: Biochemistry.

Thesis: Production of Pectic Enzymes by *Verticillium albo-atrum*.

Michael Emmanuel Maragoudakis, Myrthios Rethymnon, Greece

B.S., 1956, Athens University, Greece

M.S., 1961, Oregon State University

Major: Biochemistry. *First Minor*: Dairy Technology. *Second Minor*: Organic Chemistry.

Thesis: Biosynthesis of Aminodicarboxylic Acids in *Acetobacter suboxydans*.

Charlie Anton Martinson, LaSalle, Colorado

B.S., 1957, Colorado State University

M.S., 1959, Colorado State University

Major: Plant Pathology. *First Minor*: General Botany. *Second Minor*: Soils.

Thesis: Active Survival of *Verticillium dahliae* in Soils.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Walter Meyer, Corvallis

B.Ch.E., 1956, Syracuse University

M.Ch.E., 1957, Syracuse University

Major: Chemical Engineering. *First Minor*: Chemistry. *Second Minor*: Mathematics.

Thesis: Equilibria in the Ion Exchange Systems $H^{+1} - Cs^{+1}$, $H^{+1} - Sr^{+2}$, $H^{+1} - Ce^{+3}$, $Cs^{+1} - Sr^{+2}$, $Sr^{+2} - Ce^{+3}$, $H^{+1} - Cs^{+1} - Sr^{+2}$, $H^{+1} - Cs^{+1} - Ce^{+3}$ and $H^{+1} - Sr^{+2} - Ce^{+3}$.

Eva Henmo Morkved, West Linn

B.S., 1959, Technical University of Norway

M.S., 1962, University of Western Ontario, Canada

Major: Organic Chemistry. *First Minor*: Inorganic Chemistry. *Second Minor*: Biochemistry.

Thesis: Mechanisms of Reactions of Sulfonic Acids. I. The Sulfide-Sulfonic Acid Reaction. II. The Disulfide-Sulfonic Acid Reaction.

Michael Newton, Corvallis

B.S., 1954, University of Vermont

B.S., 1959, Oregon State University

M.S., 1960, Oregon State University

Major: Botany. *First Minor*: Forest Management. *Second Minor*: General Science.

Thesis: The Influence of Herbaceous Vegetation on Coniferous Seedling Habitat in Old Field Plantations.

*Edward LeRoy Nigh, Jr., Tucson, Arizona

B.S., 1952, Colorado State College

M.S., 1957, Colorado State College

Major: Plant Pathology (Nematology). *First Minor*: Entomology. *Second Minor*: College Teaching.

Thesis: The Influence of Host Nutrition on the Development of *Xiphinema americanum*.

Donald Andrew Nissen, Richland, Washington

B.A., 1957, University of Oregon

Major: Physical Chemistry. *First Minor*: Inorganic Chemistry. *Second Minor*: Physics.

Thesis: A Fused Salt Electrochemical Method for the Separation of Cobalt and Nickel.

Virgil Joseph Norton, Columbia, Missouri

B.S., 1957, Kansas State University

M.S., 1959, Kansas State University

Major: Agricultural Economics. *First Minor*: Economics. *Second Minor*: Statistics.

Thesis: An Analysis of the Competitive Position of Oregon Hog Producers.

Ahmad Omid, Tehran, Iran

B.S., 1955, California State Polytechnic College

M.S., 1962, Oregon State University

Major: Farm Crops. *First Minor*: Botany. *Second Minor*: Soils.

Thesis: The Effect of Quackgrass *Argopyron repens* Rhizomes on Germination and Development of Alfalfa.

John Clive Radcliffe, Reynella, Australia

B.Ag.Sc., 1960, University of Adelaide, Australia

B.Ag.Sc. (Hons), 1961, University of Adelaide, Australia

Major: Farm Crops. *First Minor*: Soils. *Second Minor*: Plant Ecology.

Thesis: The Survival of Rhizobia on Seeds of *Trifolium subterraneum* L.

John Charles Ramsey, Grandview, Washington

B.S., 1955, College of Puget Sound

Major: Biochemistry. *First Minor*: Organic Chemistry. *Second Minor*: Plant Physiology —Electrical Engineering.

Thesis: Radiotracer Studies on Carbohydrate Catabolism in Tomato Fruit.

*Muhammad Latif Rasulpuri, Lyallpur City, (West) Pakistan

B.Sc., 1944, 1953, Panjab University

M.Sc., 1954, Panjab University

M.S., 1961, Oregon State University

Major: Food and Dairy Technology. *First Minor*: Bacteriology. *Second Minor*: College and University Teaching.

Thesis: Mode of Action of Vitamin K₅ on *Saccharomyces cerevisiae*.

*James Edward Reynolds, Homestead, Florida

B.S., 1953, New Mexico State College

Major: Plant Pathology. *First Minor*: Botany. *Second Minor*: Chemistry.

Thesis: The Use of Flowering Crab Apples for the Detection of Latent Virus in Apples.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Charles Frederick Rowell, Monterey, California

B.S., 1956, Syracuse University

M.S., 1959, Iowa State University

Major: Organic Chemistry. *First Minor*: Physical Chemistry. *Second Minor*: College Teaching.

Thesis: Preparation of Propylcyclohexanones With Functions on the 4 and 3' Positions.

Mercia Violet Sybil Cloelia Indreni Savundranayagam, Colombo, Ceylon

B.A., 1933, University of London

M.A., 1956, University of London

M.S., 1961, Oregon State University

Major: Education. *First Minor*: Clothing and Textiles. *Second Minor*: English.

Thesis: Development of Home Economics Education Among the Tamils of Ceylon.

Antoine Hanna Sayegh, Corvallis

B.A., 1953, American University of Beirut, Lebanon

M.S., 1957, Oregon State University

Major: Soils. *First Minor*: General Science. *Second Minor*: Chemistry.

Thesis: Changes in Lattice Spacing of Expanding Clay Minerals.

Jyotendra Narain Singh, Saharsa, Bihar, India

B.S., 1958, Agricultural College, Ranchi, India

M.S., 1961, Oregon State University

Major: Horticulture. *First Minor*: Botany. *Second Minor*: Statistics.

Thesis: Effects of Modifying the Environment on Flowering, Fruiting, and Biochemical Composition of the Snap Bean (*Phaseolus vulgaris*).

Robert Lloyd Smith, Corvallis

B.A., 1957, Reed College

M.A., 1959, University of Oregon

Major: Physical Oceanography. *First Minor*: Physics. *Second Minor*: Mathematics.

Thesis: An Investigation of Upwelling Along the Oregon Coast.

Sardara Singh Sohi, Sirhind Mandi, Punjab, India

B.Sc., 1950, Punjab University, India

M.S., 1962, Oregon State University

Major: Entomology. *First Minor*: Botany and Plant Pathology. *Second Minor*: Chemistry.

Thesis: Effects of Intrinsic Factors in the Transmission of Bean Yellow Mosaic Virus by Aphids.

Kusum Lata Kapila Soni, Hoshiarpur, Panjab, India

B.A., 1949, Panjab University, India

M.A., 1951, Panjab University, India

Major: Analysis. *First Minor*: Algebra and Applied Mathematics. *Second Minor*: Statistics.

Thesis: On Some Relations Which are Equivalent to Functional Equations of the Type of Reimann's Zeta Function; and Tables of Divisor Transforms.

Frank Curtis Sorensen, Corvallis

B.S., 1958, Montana State University

M.S., 1960, University of Florida

Major: Forest Management. *First Minor*: Genetics. *Second Minor*: Biochemistry.

Thesis: Photosynthesis, Respiration, and Dry Matter Accumulation of Douglas-fir Seedlings from Different Geographic Sources and Grown at Different Temperatures.

Glenn Raymond Stewart, Perris, California

B.S., 1958, California State Polytechnic College

M.A., 1960, Oregon State University

Major: Zoology. *First Minor*: General Science. *Second Minor*: Physiology.

Thesis: Thermal Ecology of the Garter Snakes *Thamnophis sirtalis concinnus* (Halliwell) and *Thamnophis ordinoides* (Baird and Girard).

Robert Fenton Strand, Camas, Washington

B.S., 1951, University of Washington

M.F., 1957, University of Washington

Major: Silviculture. *First Minor*: Plant Physiology. *Second Minor*: Soils.

Thesis: Soil and Growth Studies in Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) Stands Near Molalla, Oregon.

*Arthur Darrell Stump, Corvallis

B.S., 1940, Oregon State University

M.S., 1960, Oregon State University

Major: Inorganic Chemistry. *First Minor:* Oceanography. *Second Minor:* Analytical Chemistry.

Thesis: The Microstructure of Marine Sediments.

Bonnie Carolyn Templeton, Los Angeles, California

B.A., 1941, University of Southern California

M.S., 1947, University of Southern California

Major: Systematic Botany. *First Minor:* General Botany. *Second Minor:* College Teaching.

Thesis: The Fossil Fruits and Seeds of the Rancho La Brea Pleistocene Deposits.

John Fredrick Thilenius, Corvallis

B.S., 1958, Oregon State University

M.S., 1960, University of Idaho

Major: Plant Ecology. *First Minor:* Range Management. *Second Minor:* Soils.

Thesis: Synecology of the White-Oak (*Quercus garryana* Dougl.) Woodlands of the Willamette Valley, Oregon.

*Arthur Richard Tynes, Great Falls, Montana

B.S., 1950, Montana State College

M.S., 1953, Oregon State University

Major: Physics. *First Minor:* Mathematics. *Second Minor:* Atomic Physics and Spectroscopy.

Thesis: Spectral Time-Resolution of Light from Microwave Discharges in Helium.

John Philip Ward, Chicago, Illinois

B.S., 1960, University of Illinois

Major: Chemical Engineering. *First Minor:* Mathematics. *Second Minor:* Nuclear Engineering.

Thesis: Turbulent Flow of Liquid-Liquid Dispersions: Drop Size, Friction Losses, and Velocity Distributions.

Naola Van Orden Watson, Idaho Falls, Idaho

B.S., 1953, Utah State University

M.S., 1955, Utah State University

Major: Physical Chemistry. *First Minor:* Inorganic Chemistry. *Second Minor:* General Science.

Thesis: The Discharge and Recovery of the Vanadium Pentoxide Electrode.

David Franklin Wilson, Wray, Colorado

B.S., 1959, Colorado State University

Major: Biochemistry. *First Minor:* Physical Chemistry. *Second Minor:* Cellular Biology.

Thesis: The Effect of Alkaline pH on the Succinate Oxidase System of Submitochondrial Particles from Beef Heart.

*Robert Elliot Wilson, Reseda, California

B.S., 1955, Oregon State University

M.S., 1956, University of Illinois

Major: Aeronautical Engineering. *First Minor:* Mathematics. *Second Minor:* Physics.

Thesis: Stagnation Point Heat Transfer in a Relaxing Gas.

Donald Everett Wommack, Syracuse, New York

B.S., 1953, Purdue University

M.S., 1960, Oregon State University

Major: Forest Management. *First Minor:* Botany. *Second Minor:* Statistics.

Thesis: Temperature Effects on Growth of Douglas-fir Seedlings.

Frank Oliver Wyse, Corvallis

A.B., 1952, Harvard University

A.M., 1955, Princeton University

Major: Algebra and Geometry. *First Minor:* Analysis and Logic. *Second Minor:* Applied Mathematics and Foundations of Physics.

Thesis: Nets in Nets in Uniform Spaces: Monotonicity, Limit Theorems.

* Candidate who completed all requirements and was awarded a diploma at the end of Summer Session, 1963.

Commissions

Department of Air Science

Second Lieutenant

Stanley Wayne Bevens
John William Beveridge
James Alfred Caldwell
Kirk Shelley Chapman
David Allan Conley
Jack Morris Cowles
Barry James Crider
Gary Edwin Graham

Keith Earl Johnson
Robert Earl Jones
Lawrence Masao Kikuta
Theodore Roosevelt Kinney, Jr.
Frederick Leroy Monroe
Willard David Nielsen
Donald Loraine Powell

Gilbert Carlyle Schmidt
Lorenz Vernon Schoff
Edward Nelson Sipp
George Harley Suter
Ernest Ward Wakeham
Robert Dennis Ward
Steve Roger Wilson

Department of Military Science

Second Lieutenant

Lee Sidney Adams
Ronald Lynn Anderson
William Laird Barnum II
James Richard Becker
Douglas Arthur Bellingham
Stephen Ellis Binney
Ray Conrad Bonney
Raymond Richard Borgen
Gary Allan Boyd
Larry Allen Brisbee
Don Leonard Campbell
Dale Arthur Cannon
Douglas Karm Ching
David Dale Christensen
Ralph Douglas Coleman
Kenneth Leroy Conklin
William Craig Cordano
Clifford Roy Dempster
John Alan Evans
Richard Franklin Felker
*Ronald Leslie Finley
Dale Donald Foresee
Robert Burton Hardin, Jr.
William Darrell Holman

Ronald Harvey Holzkamp
Carl Aubrey Hubbard
Gary Minnick Ihle
Edward Norman Isto
Ronald Tokio Ito
Vernon Dale Johnson
Jess Jerome Jones
Johnny Louis Lambert
David Pryce Lewis, Jr.
William Ashley Lewis
Gary Harlan Lindland
Richard Kent Lundgren
William Edward Marsh
Joseph William Maylie
William Dennis McCleary
Gary Grant McGahuey
Robert Dean McGill
*Dewey Richard Miller, Jr.
Harold Fred Miller
Michael Robert Millikin
Robert Thomas Mitchell
David Edward Montgomery
*Marion Raymond Morehouse
*David Samuel Nelson

George Edward Ogden, Jr.
Donald Gene Page
Paul Francis Quinn
Richard Norris Ransdell
Roy Jack Repak
*Gary Edward Robinson
James Taylor Roehm
Eric Virgil Ross
Robert Kirkwood Russell, Jr.
*Joseph Ferdinand Schadler, Jr.
*George Colby Schaefer
*John Jay Schmitz
Robert Drake Smith
Owen Ray Snyder
Charles Gregory Stronach
Rodney Ray Stubbs
Dennis Louis Van De Wiele
Jeffrey Alan Weber
Richard Almon Wiest
John Elden Wilson
William Robert Wood
John Wilber Zalaha
George Frederick Zimmer

Department of Naval Science

Second Lieutenants, United States Marine Corps

William Clark Foster
*Richard Allen Partin

David Ernest Strong

Robert Erwin Tschan

Ensigns, United States Navy

Lester Arthur Apple
*Robert Edward Bill
David Sheperd Burr
Malcolm Leith Campbell
Richard Wayne Elliott
*John Edward Furrow
Larry Fritz Germann
*Robert Paul Gordon

Richard Dean Graham
David Michael Knight
Bruce Boyd Magnuson
David Thomas McEachen
Phillips Shep Murray
Douglas Russell Nichols
Douglas Alan Oglesby
Matthew George Rode

*William Michael Siddens
Ralph Frederick Smith
Ronald Charles Tipper
John Charles Winquist
Bruce Neal Yarbrough
Gerry Arnett Young
*Ronald Lee Zeiler

Ensigns, United States Naval Reserve

Gene William Goeden
Gary Neil Howells

John David King
Marcellus Andrew Paul

Keith Charles Thompson
Robert John Wilhelm, Jr.

Commissioned Through Off-Campus Program by Headquarters, U. S. Marine Corps

Woodson E. Bennett

James H. Schmitt

* Will receive baccalaureate degree on June 7, 1964, but will not be commissioned until completion of additional requirements in summer 1964.

Honors and Distinctions

Degree Honors Program

The School of Science degree honors program provides enriched educational opportunities for qualified students. Besides normal coursework, they qualify in one foreign language, enroll in honors sections in many courses, and take two years of honors seminars and a course in the philosophy of science. As juniors they enter departmental honors programs where they attend seminars, pursue reading programs, and conduct independent research culminating in a thesis that is presented at an oral examination. Those marked with an asterisk (*) in the list of seniors receiving the B.A. and the B.S. degree in the School of Science have successfully completed all requirements in the degree honors program.

Honor Societies

Phi Kappa Phi

Spring 1964

Phi Kappa Phi, national scholastic honor society, founded at the University of Maine in 1897, recognizes and promotes scholarship in all fields, the liberal arts and sciences as well as professional education. The following list includes those students elected in May 1964 as juniors, eligible for initiation during their senior year, and seniors and graduate students. Members of the Class of 1964 elected as juniors in April 1963 were listed in the program for the Ninety-Fourth Commencement.

JUNIORS

Dennis Philip Aalfs
Nancy Lou Austin
Patricia Ann Batchelder
Grace Arlene Berger
Richard Rex Berlint
Diana Joan Bickford
Robert Louis Brown
William James Burke
Carrie Mae Case
Philip Tse-Shien Choong
Carol Marie Combs
Michael James Adams Davis
Michael Dale Dennis
Jonathan Paul Dey
Susan Alice Farley
Allen Dennis Fergeson
John Emil Ferguson
Thomas Lynn Gallagher, Jr.
Glenn Carl Gratsinger

Francis Edward Greulich
Judith Ellen Harle
Janice Rae Holmes
Carole Marvis Johnson
Neil Ronald Koozer
John Erwin Lange
Walter Lawrence Langlitz
Susan Ann Larson
Sandra Joan Lewis
Ching Clifton Ling
Ron G. Marcum
Catherine Pamela Marks
James Terry McGill
Karen Elaine Monaco
Judith Carol Morton
Bernard Alan Newcomb
Richard Lee Okino
Arthur Eugene Olson, Jr.

Brian Tracy Paaso
Carmen Lucille Phelps
David John Pierson
Zelma Jean Reed
Eva Christine Runngren
George Anthony Schenk, Jr.
Linda Jean Schild
Caryl Therese Sciuchetti
Richard Mark Sisson
Douglas Charles Smathers
Cheryl Suzanne Smith
William Lloyd Stubkjaer
Gary Dean Sump
Richard Russel Temple
Barbara Gale Thom
Judith Ann Thompson
David Wilfred Vandepol
Neal Robert VanDevender

SENIORS

Illa Woodward Atwood
Rodney Allan Badger
Leona Georgia Baker
Felizitas Margarete Bone
Herschel Henri Boydston
Linda Jeanne Brogden
Darald Walter Callahan
Marjorie Ann Coffman
David Bruce Couch
Robert Stanley Dallman
Arthur Fleming Deardorff

Anne Louise Dilworth
Linda Carol Driskill
Richard Wayne Elliott
Lowell Edward Euhus
Lyle Arthur Evanson
David Norman Farring
Frances Elaine Freeman
Raymond Frank Fry
Perry Leon Giles
Ronald Richmond Grant, Jr.
Nancy Elaine Grass

Dale Howard Grimes
Richard Ralph Groseclose
Lonalee Ann Hamlin
Margaret Jean Hammitt
Ruth Ann Hartley
David Charles Holman
Judith Ann Hosford
Larry Lee Ismert
Beverly Ann Jackson
David Albert Johnson
James Boynton Johnson

Barbara Cecile Kerr
 Elaine Laura Kleiner
 Daniel Clark Kline
 Kathleen Carroll McGregor
 Duane Emery McIntosh
 Sandra Lynn McMurdo
 Mildred May Mann
 William David Miller
 Susan Beth Morse
 Henry Albert Moshberger
 Junior Akio Nagaki
 Douglas Alan Oglesby

Dean Edward Perry
 George Robert Poetschat
 Beth Ann Quillin
 Francine Elizabeth Robertson
 Sandra Kay Schlunkman
 Dennis Grant Searcy
 Terrance Lee Seethoff
 Mary Gertrude Settergren
 Ronald Arthur Skoog
 Harry Lee Smith
 Ronald Eugene Stewart
 Duane Melvin Thompson

Harold Eugene Todd, Jr.
 Tamara Dee Tweed
 Karen Lynn Van Schoiack
 Carol Ann Warrington
 Carla Myers Wiese
 Katharine Ann West
 Dennis Harold Wood
 Jeffrey Robert Woodside
 Janice Stratton Workman
 Barbara Anne Wyatt
 David Joseph Yagelski

GRADUATE STUDENTS

Master's Candidates

Harold Herman Block
 Richard Llewellyn Brooks
 Dorothy Furtick Brown
 Curtis Allan Collins
 Jean Helen Culver

Gary Edward Daterman
 Norman Sidney Hoffman
 Kenneth Donald Kerri
 John William Mackenzie
 Larry Stanford Merrifield

John Robert Prince
 Paul Edward Reimers
 Donald Masaru Takeuchi
 James Hall Whitcomb
 Bruce Ben Roberts

Doctoral Candidates

Glenn Arthur Anderson
 Kent Marsden Beckman
 John David DeMartini
 Walter Leonard Gould
 John Morris Johnson
 Larry Leon McDowell

Gary Allen McIntyre
 Stanley Frank Miller
 David Wallace Norman
 Ordell Pendor Olson
 Ahmad Omid
 James Edward Reynolds

Antoine Hanna Sayegh
 Ajmer Singh
 Estiti Harti Soedjono
 Robert Fenton Strand
 Bruce Alan Tichenor

ALUMNA

Jeanne Hartman Popovich

FACULTY

Cairns King Smith

Charles Owens Wilson

Edmund Howell Volkart

Sigma Xi

The national Society of the Sigma Xi seeks to encourage original investigation in science, pure and applied, including 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.

Elections 1964

FULL MEMBERS

Norman Herbert Anderson
 Annette Baich
 Derek John Baisted
 James Herbert Bennett
 Richard William Boubel
 Sheril Dale Burton
 Pat William Camerino
 Verne Merrill Chapman
 Lamar William Coleman
 Herbert Charles Curl

Murray Drayton Dawson
 Clifford Eugene Fairchild
 Roger Dean Haight
 Mason Edward Henderson
 Frank Kent Hoornbeek
 Robert Clarence Lindsay
 Victor Arviel Madsen
 Rene Maier
 Charles David McIntire

Walter M. Mellenthin
 Eva Henmo Morkved
 Roy Owen Morris
 Laurance Leroy Oden
 Carrie JoAnne Pigg
 Elveda Smith
 Sardara Singh Sohi
 Joseph G. Strauch, Jr.
 Robert Elliott Wilson

ASSOCIATE MEMBERS

Ghazi M. Al-Hachim
 Suleyman Orhan Alpan
 Donald Ford Amend
 Dale Fredrick Anderson
 Margaret Anna Arnold
 Charles William Baker
 Thomas Erwin Bedell
 Donald D. Bills
 Gerald Dale Bogar
 Nancy Carter Borchgrevink
 Norman Richard Bradner
 Thomas Danforth Burnett
 Robert Harold Callahan

Theodore Wiles Cannon
 Robert Charles Carlstrom
 Gary Adair Chapman
 Geoffrey Peter Cheung
 Grace Yan-Chi Cheung
 Alice Ryan Clark
 Dwight Pocock Clark
 Richard William Couch
 Jerry Ferdinand Cuderman
 Gary Edward Daterman
 George Fielden Dickerson
 James Robert Divine
 Richard Keith Eppley

Thomas Anthony Gosink
 Gerald Lee Greene
 David Ralph Henning
 Ivan Gregory Holmes
 Richard Lee Johnsey
 John Rutherford Kettman, Jr.
 Lakho Lilaram Khatri
 Judith Ann Kintner
 Chris Kelvin Kjeldsen
 Fred T. Krogh
 Johanna Dobrot Landsberg
 James Edward Langler
 Eugene Carlton Lee

Harold LeRoy Lint
Shu-yen Liu
Kang-chien Liu
Harold William Lorz
John Higgins Lyford, Jr.
Paul Carver MacMillan
Darrell Lee Marks
Benjamin Jordan Mason
Asaad Nashed Masoud
Larry Stanford Merrifield
Charles Edgar Osgood
Sookja Park

Bonnie Jean Peura
Edgar Alvin Posschl
Arlin Postma
Weldon Harold Reese
Paul Edward Reimers
Myles Canby Robinson
Sheila Ann Roffler
Robert Reynolds Ryan
Michael Jon Schaer
Bruce Stewart Schatz
Theodore John Siek
David Rollins Smith

Eugene Maxwell Smith, Jr.
Quade Stahl
David Michael Sturmer
Donald Stephen Trent
Philip Joel Urness
Renata Mae Ury
Clifford George Venier
Hans-Joachim von Amsberg
Sally Ann Wagner
Donald Arthur Walker
John Royal Willard
John D. Zahrt

Honors and Awards

E. A. Cummings Awards—

Freshman First Honor:
Larry Don Brandt

Honorable Mention:
Larry Leo Sciuchetti
John Henry Ten Pas

Sophomore First Honor:
Peter Nicholas Wold

Honorable Mention:
Robert Charles Sanders
Phillip William Schneider, Jr.

Presented each spring in the proportions of \$50, \$30, \$20, and \$10 respectively to the man of highest standing in the senior, junior, sophomore, and freshman years; based on (a) scholarship, (b) success in student activities, (c) qualities of manhood, and (d) qualities of leadership; a memorial to Edward A. Cummings.

Junior First Honor:
Neal Robert VanDevender

Honorable Mention:
Alan Bernard Richardson
Thomas Lynn Gallagher, Jr.

Senior First Honor:
James Conrad Adamek

Honorable Mention:
Theodore Roosevelt Kinney, Jr.
Erol Mumin Kirayoglu

Clara H. Waldo Awards—

Freshman First Honor:
Cynthia McComas Sweet

Honorable Mention:
Mary Sharon Cudd
Dorothy Millicent James

Sophomore First Honor:
Marcia Lee Burbidge

Honorable Mention:
Sharon Lou Ertz
Karen Lee Robberson

Presented each spring in the proportions of \$40, \$30, \$20, and \$10 respectively to the woman student of highest standing in the senior, junior, sophomore, and freshman years; based on (a) scholarship, (b) success in student activities, (c) qualities of womanhood, and (d) qualities of leadership; a memorial to Clara H. Waldo.

Junior First Honor:
Susan Marie Gore

Honorable Mention:
Nancy Lou Austin
Patricia Ann Batchelder

Senior First Honor:
Margaret Ann Westfall

Honorable Mention:
Georgia Dee Swanson
Alice Arlene Thompson

Lipman Wolfe Awards—

Sophomore First Honor:
Tamara Kay Young

Honorable Mention:
Jane Susan Wittkopf
James Anthony Adelman

Junior First Honor:
Daniel Clark Kline

Honorable Mention:
Carrie Mae Case
Margaret Jane Palmer

Senior First Honor:
Dennis Harold Wood

Honorable Mention:
Karl Amour Drlica
Myrna Josephine Rantala

Presented in the proportions of \$50, \$30, and \$20 respectively to the man or woman of highest standing in the senior, junior, and sophomore classes based on: (a) scholarship, (b) qualities of manhood or womanhood with special emphasis on unselfishness and kindness, (c) qualities of leadership, and (d) contribution to campus welfare.

Chi Omega Award.....Jean Marlene Saubert

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.

Dubach Awards.....David Terrence Doherty, Stephen Arnold Ebert, Stephen Delbert Roath, Grant Wells Watkinson, Dennis Harold Wood

Presented annually by Oregon State Chapter of Blue Key to five graduating senior men outstanding in perpetuation of high ideals and unselfish service to Oregon State University, in honor of Dr. U. G. Dubach, dean of men, 1913-1947; names are inscribed on plaque in foyer of Library.

Oregon State University Foundation Awards.....*Freshman:* Donald John Wodtli

Sophomore: Janet Katy Hatch

\$50 each to a freshman and a sophomore (man or woman) who are one-half self-supporting and who are adjudged to be making most purposeful progress toward useful and active citizenship.

MacKenzie Blue Key Memorial Award.....Dennis Harold Wood

In memory of Donald Wilson MacKenzie, class of 1953, to any man student who exhibits outstanding qualities and ability as a student leader and in service and loyalty to the institution. Cash and plaque.

School of Humanities and Social Sciences

Alpha Chi Omega Cup.....Marylea Scoville

Barometer Award.....Robert Thomas Moore

Special Mention: Sharon Eileen DeYoung, Alice Lois Harris,

Janet Sue Schultz, Jeanne Carolyn Ewalt

Claude E. Ingalls Award.....Evelyn Anne Oveson

Honorable Mention: Sandra Rae Burns

Earl W. Wells Oratory Award.....Suzann Peterson

Forensic Director's Award.....Alice Thompson

"Prof Mac" Memorial Plaque.....Betty Mae Ingram, Mary Jeannette Poucher

Sigma Delta Chi Citation.....Howard Lynn Matson

Sigma Delta Chi Awards of Merit.....Katharine Anne West, Lois Marie Liptak,

Linda Carol Hammann, Sharon Lee Bennett, Becky Lyn Redding

School of Science

Phi Lambda Upsilon.....Jeremy B. Halladay

Phi Sigma.....*Entomology:* Karl A. Drlica

Animal Science: Julien T. Parer

Pi Mu Epsilon.....*First Prize:* Simon Shin-Lun Yu

Second Prize: Terry B. Hinrich, Terry G. Rhoades

Honorable Mention: Edward F. Bernard, Jerry M. Wolfe, Robert L. Munson

Sigma Pi Sigma.....Edward F. Bernard, Ivan H. Zimmerman

School of Agriculture

Al Oliver AwardGary Willett

Alpha Gamma Rho AwardStewart Holmes

Alpha Zeta AwardJames Adelman

Burpee Award in Horticulture.....Michael A. Davis

Dad Potter AwardStewart Holmes

Ernest H. Wiegand Award.....Duane McIntosh

F. F. McKenzie Award.....Joel E. Nance

Gerber Undergraduate AwardPatsy L. Nazeeri

Hanson Poultry AwardJames M. Mabem

Northwest Canners and Freezers Association Award.....Duane McIntosh

Paul Carpenter AwardGayle Willett

L. A. McClintock Memorial Award.....Richard R. Temple

R. M. Wade Foundation Award.....Dennis H. Wood

S. B. Hall Memorial Award.....Charles F. Emerick

Virginia Dare Award.....Tom Case

School of Business and Technology

Business and Technology Outstanding Senior Award.....*Man:* William A. Disher

Woman: Judith A. Saunders

Oregon Society of Certified Public Accountants' Award.....David J. Yagelski

Phi Chi Theta Award.....*Freshman:* Mary Jo Fitzpatrick

Senior: Cynthia J. Moir

NBEA AwardIlla W. Atwood

Wall Street Journal Award.....James E. Tollefson

School of Education

Kappa Delta Pi Award.....Brenda Wade Martin

School of Engineering

American Institute of Chemical Engineers Sophomore Award.....David Voit

American Society of Agricultural Engineers,

Student Honor Award.....Paul A. Taylor, Jr.

American Society of Civil Engineers, Student Chapter Awards.....	First Prize: Jack W. Hoffbuhr Second Prize: Roy Repak Third Prize: John E. Steward
American Society of Mechanical Engineers Awards.....	First Prize: Gerald W. Silke Second Prize: Dennis Allison Third Prize: Erol M. Kirayoglu
American Society for Testing Materials Prize Awards: David G. Goodrich, James C. Adamek, Johannes L. Eggers, Bert H. Dilley	
Hamilton Watch Company Award.....	Edmund R. Savoie
Industrial Press Award	Roger A. Turner
Institute of Electrical and Electronic Engineers Awards: Student Papers: R. A. Skoog, T. R. Hensley	
Pi Tau Sigma Award	James I. Ott
E. C. Starr Awards.....	R. A. Skoog, T. R. Hensley

School of Forestry

Annual Cruise Plaque.....	Dennis A. Crowe
Kelly Axe Award.....	Alan F. Nichols
Senior Scholarship Plaque.....	Theodore R. Kinney
William M. Eskew Memorial Award.....	Orville Hadley
Xi Sigma Pi Plaque.....	Francis E. Greulich

School of Home Economics

William H. Danforth Leadership Training Scholarship.....	Mary Ann Zielinski
Danforth Award for Home Economics College Seniors.....	Barbara Ann Steinfeld
A. Grace Johnson Memorial Award.....	Beverly Schaad
K. Ethel Lathrop Award.....	Mary Ellen Wilson
Minnie E. Lee Award.....	Sherry Roediger
Omicron Nu Freshman Award.....	Sheryl Erickson
Omicron Nu Plaque.....	Myrna Rantala
Eleanor Trindle Memorial Award.....	Norma Sue Evers, Judy Conners
Yvonne Joaquin Memorial Award.....	Pauline Naegle
Home Economics Club International Friendship Award.....	Stella Ombwara

School of Pharmacy

Bristol Laboratories Award.....	Stephen D. Roath
Johnson and Johnson Award.....	Gary Abrams
Kappa Psi Award.....	Dan Wilson
Kappa Psi Gavel from Portland Graduate Chapter.....	Dan Wilson
Kappa Psi Grand Council Gold Key and Certificate.....	Bradley V. Clineschmidt
Lambda Kappa Sigma.....	Lola Bessey
Linn-Benton Pharmaceutical Association Award.....	Kenneth L. Petersen
McKesson and Robbins Award.....	Arthur H. Anderson
McKesson and Robbins American Pharmaceutical Association Presidential Plaque.....	Robert B. Ayres
Merck Awards.....	Pharmaceutical Chemistry: John E. Jory Pharmacy: Robert B. Ayres
Oregon Branch, American Pharmaceutical Association Awards.....	Victor A. McFarland, Michael S. Musikant
Oregon American Pharmaceutical Association Certificate of Merit.....	Robert B. Ayres
Portland Retail Druggists Association Plaque.....	Bradley V. Clineschmidt
Rexall Trophy.....	Dan Wilson
Rho Chi Award.....	Caryl T. Sciuchetti
Senior Class President Award.....	Benjamin Jacobs

Air Force Reserve Officers Training Corps

Distinguished Air Force ROTC Graduates.....	Stanley W. Bevens, Willard D. Nielsen, George H. Suter, Donald L. Powell, Theodore R. Kinney, Jr.
Arnold Air Society Award.....	James L. Badley
Chicago Tribune Gold Medal Award.....	Jay W. Hansen, Claude F. Hough III
Chicago Tribune Silver Medal Award.....	Sophomores: Allen A. Struthers, Douglas L. Wentworth

McAlexander Chapter Award of Merit.....	Peter A. Lossner, David B. Ells
Reserve Officers' Association Certificate.....	Robert E. Jones, Theodore R. Kinney, Jr., Henry C. Willener
Reserve Officers' Association Medal.....	Barry P. Scott
Scabbard and Blade Ribbon.....	<i>Sophomore</i> : Lloyd K. Y. Ho, <i>Freshman</i> : Donald R. Palmer
Roger M. Erickson Award.....	<i>Sophomore</i> : Charles D. Loveland, <i>Freshman</i> : William A. Rush
The Order of Silver Wings (Fourragere).....	<i>Sophomore</i> : Robert T. French <i>Freshman</i> : James R. Castro
Boeing Award.....	<i>Sophomore</i> : Jeffrey F. Clark
General Dynamics Air Force ROTC Cadet Award.....	<i>Sophomore</i> : Terry L. Millard
Oregon Sons of the American Revolution Award.....	William A. Manning
American Legion Achievement Medal.....	Willard D. Nielsen
Air Force Times Award of Merit.....	Stanley W. Bevens

Army Reserve Officers Training Corps

Distinguished Military Graduates.....	Cadet Major Ronald L. Anderson, Cadet Colonel Stephen E. Binney, Cadet Captain Gary A. Boyd, Cadet Lt. Colonel Don L. Campbell, Cadet Captain Richard F. Felker, Cadet Captain Dale D. Foresee, Cadet Captain Robert B. Hardin, Jr., Cadet First Lt. Ronald H. Holzkamp, Cadet Lt. Colonel Edward N. Isto, Cadet Second Lt. Ronald T. Ito, Cadet First Lt. Johnny L. Lambert, Cadet Major David P. Lewis, Jr., Cadet Lt. Colonel Joseph W. Maylie, Cadet Major Gary G. McGahuey, Cadet Colonel Donald G. Page, Cadet First Lt. Richard N. Ransdell, Cadet Lt. Colonel Robert K. Russell, Jr., Cadet Captain Charles G. Stronach, Cadet Second Lt. William R. Wood, Cadet Captain John W. Zalaha
Superior Cadet Decoration Award.....	Cadet Colonel Donald G. Page, Cadet Second Lt. Duane M. Mahony, Cadet Ira S. Burnett, Cadet James R. Lisbakken
Association of the United States Army Medal.....	Cadet Second Lt. Stanley J. Souvenir
Society of American Military Engineers Award.....	Cadet Colonel Donald G. Page
Armed Forces Communications and Electronics Association Medal—	Cadet Lt. Colonel Don L. Campbell
United States Army Armor Association Award.....	Cadet Lt. Colonel Edward N. Isto
Department of Oregon Reserve Officers' Association Medal and Ribbon—	Cadet Master Sergeant DeWitt Blamer III
Department of Oregon Reserve Officers' Association Award of Merit Certificate—	Cadet Colonel Donald G. Page, Cadet Lt. Colonel Don L. Campbell, Cadet Lt. Colonel Carel D. Van Loben Sels, Cadet Major David P. Lewis, Jr., Cadet Captain Richard F. Felker, Cadet Captain Dennis L. Van de Wiele, Cadet Second Lt. James R. Becker
McAlexander Chapter of the Reserve Officers' Association Award of Merit Certificate—	Cadet Second Lt. Blair K. Blacker, Cadet Second Lt. Norman A. Carlson
American Legion Achievement Medal.....	Cadet Colonel Stephen E. Binney
Company "C" Oregon State Guard Award.....	Cadet Second Lt. Kevin K. Mihata, Cadet Master Sergeant John C. Watkinson
Association of the U. S. Army Military History Award—	Cadet Private First Class Keith A. Keyt
Sons of the American Revolution Medal.....	Cadet Captain Robert B. Hardin, Jr.
Daughters of the American Revolution Medal of Merit—	Cadet First Sergeant Kenneth R. Sandstrom
Army ROTC Rifle Team Medal for High Score and High Standing—	Cadet John E. Titman
Roy C. Williams Trophy for the Most Improved Shooter.....	Cadet William S. Davis
Scabbard and Blade Medal.....	Cadet Sergeant John A. Lemos, Cadet Steven L. Beck
Scabbard and Blade Ribbon.....	Cadet First Sergeant Thomas D. Zurcher, Cadet Sergeant Thomas A. Roth, Cadet Douglas M. Crow, Cadet Richard P. Hubbard, Cadet Charles D. Russell, Cadet James H. Smith
Pershing Rifles Fourragere.....	Cadet Steven L. Beck, Cadet Ira S. Burnett, Cadet Curtis A. Loop, Cadet Charles D. Russell
Oregon State University Army ROTC Service Ribbon—	<i>MS IV</i> : Cadet Lt. Colonel Eugene W. Faust, Cadet Lt. Colonel Robert A. Sonoda, Cadet Major Philip M. Gentemann, Cadet Major John W. Givens, Cadet Major Marvin L. Radloff, Cadet Captain Donald R. Allison, Cadet Captain William J. Berg, Cadet Captain Ralph D. Coleman, Cadet Captain Richard F. Felker, Cadet Captain Bruce A. Powell, Cadet First Lt. Howell C. Garrison, Cadet First Lt. Richard N. Ransdell, Cadet First Lt. John L. Wilson, Cadet Second Lt. Errie V. Ross, Cadet Second Lt. William R. Wood. <i>MS III</i> : Cadet Second Lt. Robert E. Barnum, Cadet Second Lt. Blair K. Blacker, Cadet Second Lt. Norman A. Carlson, Cadet Second Lt. Duane M. Mahony,

Cadet Second Lt. Ronald A. Mead, Cadet Second Lt. Stanley J. Souvenir,
 Cadet First Sergeant Kenneth R. Sandstrom, Cadet Master Sergeant DeWitt Blamer III,
 Cadet Master Sergeant George E. Ising, Jr.
MS II: Cadet First Sergeant Robert H. Combs, Cadet First Sergeant Tom D. Zurcher,
 Cadet Sergeant Raymond B. Ansel, Cadet Ira S. Burnett, Cadet Jay R. Drinkwater.
MS I: Cadet Steven L. Beck, Cadet John E. Titman.
Women's Army Sponsor Corps: Danna Poor, Commander, Carol Martins, Joyce Powell.

Naval Reserve Officer Training Corps

American Legion Achievement Award.....	R. C. Tipper
McAlexander Chapter Reserve Officers Association.....	J. C. Tanner, J. R. Alexander
Certificate for Squad Excellence.....	T. S. Lillig
Certificate for Platoon Excellence.....	K. C. Thompson
Department of Oregon Reserve Officers Association—	
Seniors: R. C. Tipper, R. W. Elliott, R. E. Bill, D. A. Oglesby	
Junior: S. D. Lambert	
Diamond Shop Award.....	H. L. Hammond III
Dick Lyndon Rifle Trophy.....	P. D. Kaufmann
General Dynamics Award.....	R. C. Tipper
Marine Corps Gazette Award.....	R. E. Tschan
Naval ROTC Staff Award.....	D. O. Maupin
Northwest NROTC Drill Competition.....	D. B. Fryrear, Commander
Oregon Society Sons of the American Revolution Award.....	R. F. Smith
Portland Council Navy League of the United States Award.....	D. B. Fryrear
Red Cross Blood Donor Trophy.....	R. F. Smith, Commander
The Carter Award.....	J. E. Furrow, Team Captain
United States Naval Institute Award.....	R. L. Zeiler, G. N. Howells
Veterans of Foreign Wars Citizenship Medal.....	H. R. Sager
Winema Chapter Daughters of the American Revolution Award.....	D. G. Hiatt

National, Regional, and State Forensic Honors

Senior Men's Debate Contest of the Invitational Tournament, University of Oregon November 8, 1963.....	First Place: Thomas Lynn Gallagher, Paul J. Steele
Senior Men's Extempore Speaking Contest of the Invitational Tournament, University of Oregon November 8, 1963.....	First Place: Thomas Lynn Gallagher
Junior Men's Impromptu Speaking Contest of the Invitational Tournament, University of Oregon November 8, 1963.....	First Place: Walter Sam Falk
Men's State After-Dinner Speaking Contest, Lewis and Clark College January 14, 1964.....	First Place: Arnold Stewart Holmes
Women's Debate Contest of the Invitational Tournament, San Joaquin Delta College February 21, 1964.....	First Place: Suzann Peterson, Patricia Kay Kallberg
Women's Expository Speaking Contest of the Invitational Tournament, San Joaquin Delta College February 21, 1964.....	First Place: Cynthia A. Jensen
Men's Impromptu Speaking Contest of the Invitational Tournament, San Joaquin Delta College February 21, 1964.....	First Place: Walter Sam Falk
State Experimental Speaking Contest, Linfield College February 25, 1964.....	First Place: Walter Sam Falk
Women's Lincoln-Douglas Debate Contest of the Northwest Invitational Tournament, Linfield College March 5, 1964.....	First Place: Janan Mary Hayes
Women's After-Dinner Speaking Contest of the Northwest Invitational Tournament, Linfield College March 5, 1964.....	First Place: Cynthia A. Jensen
Junior Men's Debate Contest of the Invitational Tournament, University of Oregon November 8, 1963.....	Second Place: Michael J. Harrell, Walter Sam Falk
Women's State Extempore Speaking Contest, University of Portland December 21, 1963.....	Second Place: Janan Mary Hayes
Junior Women's Debate Contest of the Invitational Tournament, Seattle Pacific College January 10, 1964.....	Second Place: Suzann Peterson, Patricia Kay Kallberg

- Junior Women's Debate Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Second Place:* Laura Jean Griffith, Cynthia A. Jensen
- Junior Women's Extempore Speaking Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Second Place:* Patricia Kay Kallberg
- Junior Women's Debate Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Second Place:* Laura Jean Griffith, Cynthia A. Jensen
- Men's Interpretation Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Second Place:* Thomas L. Tyler
- Women's Oratorical Speaking Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Second Place:* Suzann Peterson
- Women's Expository Speaking Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Second Place:* Laura Jean Griffith
- District Two Qualifying Tournament for National Debate Contest,
University of Oregon
March 4, 1964.....*Second Place:* Dennis Harold Wood, Arnold Stewart Holmes
- Men's After-Dinner Speaking Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Second Place:* Scott R. Foster
- Senior Women's Interpretation Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Second Place:* Marilyn Farenhurst
- Senior Women's Extempore Speaking Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Second Place:* Janan Mary Hayes
- Junior Men's Impromptu Speaking Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Second Place:* Walter Sam Falk
- Junior Men's Interview Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Second Place:* Lester L. Stephens
- Senior Women's Extempore Speaking Contest of the Western Speech Association
Forensic Tournament, Humbolt, California
November 28, 1963.....*Third Place:* Janan Mary Hayes
- Junior Men's Impromptu Speaking Contest of the Western Speech Association Forensic
Tournament, Humbolt, California
November 28, 1963.....*Third Place:* Walter Sam Falk
- Junior Men's Oratorical Speaking Contest of the Western Speech Association Forensic
Tournament, Humbolt, California
November 28, 1963.....*Third Place:* Walter Sam Falk
- Junior Men's Debate Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Third Place:* Michael J. Harrell, Walter Sam Falk
- Junior Men's Debate Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Third Place:* Thomas L. Tyler, Lester L. Stephens
- Junior Men's Impromptu Speaking Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Third Place:* Walter Sam Falk
- Junior Women's Extempore Speaking Contest of the Invitational Tournament,
Seattle Pacific College
January 10, 1964.....*Third Place:* Laura Jean Griffith
- Junior Men's Oratorical Speaking Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Third Place:* Walter Sam Falk
- Women's Interpretation Contest of the Invitational Tournament,
San Joaquin Delta College
February 21, 1964.....*Third Place:* Patricia Kay Kallberg
- Senior Women's Salesmanship Speaking Contest of the Northwest
Invitational Tournament, Linfield College
March 5, 1964.....*Third Place:* Marilyn Farenhurst
- Men's After-Dinner Speaking Contest of the Northwest Invitational Tournament,
Linfield College
March 5, 1964.....*Third Place:* Thomas L. Tyler

Scholarships and Fellowships

GRADUATE FELLOWSHIPS

American Chemical Society Fellowship	David M. Sturmer
American Chemical Society Petroleum Research Fellowship.....	Louis Scerbo
American Foundation for Pharmaceutical Education Fellowship.....	William B. Harrell, Jr.
Baroid Fellowship	Phyllis Ann Hiltner
Collins Radio Fellowship	Thomas J. Manetsch
Crown Zellerbach Foundation Fellowship in Resource Geography.....	Roland S. Hanna
Dow Chemical Company Fellowship.....	Lawrence L. Nolan
Du Pont Postgraduate Teaching Fellowship.....	Melvin R. Lindbeck
Foundation for Instrumentation, Education, and Research Fellowship (Foxboro Company)	Gerald D. Ewing
General Foods Home Economics Fellowships.....	Judith A. Powell, Gail S. Woosley
Gillette Fellowship	Jackson Lynn
Hyslop Agricultural Research Fellowship	John C. Radcliffe
Hyster Company Fellowship	Donald J. Addicott
Institute of Food Technologists Fellowship (General Foods).....	Roy G. Arnold
Mary J. L. McDonald Forestry Fellowships.....	Roy C. Gilbert, Gordon K. Livingston, Robert F. Strand
Omark Industries Fellowship.....	Johannes L. Eggers
Paint Research Institute Fellowship	George H. Kennedy
Shell Oil Company Fellowship.....	Robert S. Ottinger
South Santiam Educational and Research Project Forestry Fellowships	Gordon K. Livingston, Donald D. Munro, Theodore R. Yocom
Stauffer Fellowship	William L. Allen
Texaco Fellowship	Michael J. Schaer
United States Department of Interior Fellowships.....	Kenneth S. Hildebrand, Jr., Merton C. Ingham
Chester M. Wilcox Fellowship.....	William D. McKeen
Weyerhaeuser Foundation Fellowship (Science)	Dennis R. White
Weyerhaeuser Foundation Fellowships (Forestry)....	L. Monroe Bickford, Francis R. Mohr

UNDERGRADUATE SCHOLARSHIPS

Associated Women Students Scholarships	Judith E. Harle, Carol Ann Lorenz, Carol G. Mahaney
Mary I. Bash Scholarship.....	Lois Ann Hamner
Campbell Soup Scholarships— Easa T. Abed	Donald A. Loomis
Steven H. Adams	William W. McCrae
Stuart M. Brown	Robert J. McDermott
Andrew W. Cleveland	Wilton L. Mahaffey
Michael J. Harrell	Jean M. Saubert
James Harrison Collins Scholarships.....	David F. Brunzman, Vappu A. Pakkala, Charles T. Way
Corvallis Rotary Club Scholarship.....	Glenn R. Ferris
Bernard M. Daly Educational Fund Scholarships— (Miss) Kerry L. Adams	(Miss) Sidney L. Harlan
Margery F. Blair	(Mr.) Terry F. Kimsey
Susan J. Brattain	Craig E. MacKay
Bruce D. Charles	Paul W. McCormick
Michael D. Counts	Ellen L. North
Terry Ann Foster	Linda Ann Penington
Shirley Ann Hansen	Merilee J. Pike
	Gary W. Reynolds
	Judith A. Sefert
	Mary Lee Scoville
	Edward N. Sipp
	James J. Taylor
	Lorna I. Toner
	Brenton P. Tracy
Delta Delta Delta Scholarships.....	Judith E. Harle, Margaret A. Harp, Margaret L. Landon
Douglas County Home Extension Scholarship.....	Jerry A. Boucock
Holmes Scholarship.....	Carl L. Farner
Jackson Foundation Scholarships.....	Donald H. Cooley, Timothy J. Dodson, Robert P. Moragne
Leonora H. Kerr—Folk Club Scholarship.....	Kathleen A. Herburger
Mortar Board Scholarships.....	Francis E. Freeman, Judith C. Morton, Michele S. Wyatt

Oregon State University Dads Club Scholarships—

Donna L. Baker	John A. Freitag	Gordon H. Lowell
Barbara A. Bennett	Kenny L. Harrison	Carole G. Mahaney
Lynden C. Bennett	Leland E. Horton, Jr.	Joe A. Moreland
John L. Chalfan, Jr.	Carol L. Hundley	Gordon K. Nielsen
Kena E. Dirksen	Larry L. Ismert	Darlene A. West
Douglas G. Elliott	Mary E. Laski	

Oregon State University Dads Club Grants.....Ila Marie Keele, William F. McCready,
Wayne R. Metzger, Robert K. Russell, Jr., Lloyd O. Tangen

Oregon State University Educational Foundation Scholarships.....Marilyn N. Ball,
Peter A. Wold

Oregon State University Foundation Scholarships—

OSU Coop Book Store Scholarships.....	Carol K. Anderson, Derek J. Hogarth, Darlene J. McGinty
OSU Foundation Scholarship.....	Janice M. Byrne, William L. Morton, Jeffrey R. Woodside
OMSI Scholarship	Robert O. Cummins
Sigurd H. Peterson Memorial Scholarship.....	John H. Aro

Oregon State University Mothers Club Scholarships—

Allen L. Clancy	Charlotte L. LeFevre	Derald W. Sue
Carol M. Combs	Robert B. Lundahl	Terry L. Waldele
Carolyn K. Edwards	Donald P. McCurdy	Sharon E. Watson
Daniel M. Ford	Judith C. Morton	Mary E. Wilson
Raymond F. Fry	Nadine L. Secrest	B. David Wingerd
Peggy G. Koerner	Robert J. Snyder	David C. Wood

Pacific Resins and Chemicals, Inc. Scholarship.....John S. Slotce

South Santiam Educational Research Project Undergraduate Scholarships—

Donald W. Dykstra, Larry A. Morse, Bernard A. Newcomb, Florence P. Swanson

State Scholarships:

Under law created by the State legislature partial tuition and fee scholarships are awarded by the State Scholarship Commission equal in number to 2½% of the enrollment in State-supported institutions. Entering freshmen are eligible to apply if ranked in upper one-half of their high school class. College students may apply if they have achieved a term and cumulative GPA of 2.50 or better. Applications available from Scholarship Committee of the State institution student desires to attend or from high school principals.

In addition, the State Scholarship Commission will award annually one four-year scholarship for each Oregon county and one for each State legislative seat. These scholarships are transferable within the State System after the initial year of the award.

Fee remissions not to exceed \$570 of the \$996 nonresident fee may be granted to students from Alaska or Hawaii whose residence has been in Alaska or Hawaii during the major part of the two years immediately preceding such application.

State Cash Scholarships:

Outstanding high school seniors are eligible to apply for cash scholarships awarded by the State Scholarship Commission. These awards have an annual possible maximum value of \$500 and are renewable until graduation provided a term and cumulative GPA of 2.50 is maintained. Selection based on academic achievement and financial need. The Commission provides each high school principal with scholarship application forms. Recipients may attend any State or private accredited institution.

E. E. Wilson Scholarships—

Stanley E. Attig	Barbara Ann Hope	Oren O. Ogle
Robert J. Beaver	Leslie E. Hunter	Dorothy A. Prouty
Christina M. Brown	Merrialyce Kasner	Shelby L. Ralston
Marilee V. Cunningham	Nathan R. Keith	Sharon L. Schoonover
Ethel N. Davis	Dona L. Kienle	Gary V. Smith
Carol L. Dickinson	Philip J. Lagestee	Suzanne C. Stowe
Thomas L. Gallagher, Jr.	Robert J. McDermott	David D. Thompson
Donna T. Gammon	Michael R. McDowell	Reimund Wehrmann
Dennis A. Gay	Linda R. McMahan	Linda L. Willhoit
Marsha L. Goodwin	Carolyn J. Miller	Barbara L. Woelfle
Gary L. Grace	Anna M. Morford	Joey L. Wood
Sidney W. Halse	Kathleen M. Morrill	Nancy C. Wood
Mary E. Harbert		

*School of Humanities and Social Sciences***Music Study Scholarships—**

Richard P. Belkengren	Barbara Hansen	Mary L. Scoville
Judyann Bushnell	Ingrid L. Isaksen	Susan P. Tubach
Dale R. Edwards	Janete C. Jordan	Evangeline M. Walter
Carole Fisher	Lela A. Lieuallen	

School of Science

Benton County Medical Society Scholarship.....David J. Pierson

Boeing Scholarships.....Neil K. Koozer, James T. McGill, Steven P. Ogard, Albert C. Parr

Copson Scholarship.....Mary Ann Zimmerman

Crown Zellerbach Memorial Scholarship in Honor of Dr. Leo Friedman.....Raymond L. Dod

Dr. Milton Harris Scholarships.....Sandra L. Armstrong, Rodney A. Badger, Karl A. Drlica

Longview Fibre Company Pulp and Paper Scholarship.....Wayne L. Hubbell

Simmons Memorial Scholarship.....Barbara C. Kerr
 Texaco Scholarships.....Henry A. Moshberger, Thomas L. Munkers, Steven P. Ogard

School of Agriculture

Associated Blue Lake Green Bean Cannery, Inc. Scholarship.....James F. Ivey
 Blue Lake Packers Inc. Scholarship.....Gregory A. Jackson
 Borden Scholarship.....James B. Johnson
 Bumble Bee Seafoods Scholarship.....John P. Farrell
 Calpak-Del Monte Scholarship.....Terry P. Beebe
 Crown Zellerbach Scholarship in Fish and
 Game ManagementThomas W. Townsend
 General Foods Fund Scholarships—
 Jeffrey D. Carl Charles E. Herrick Max W. Sprenger
 Philip R. Ekelund Robert D. McAlaster Donald L. Tymchuck
 Shirley A. Endow Launa Mae Moore Donald A. Withycombe
 Mark W. Gehring
 Gerber ScholarshipPatsy J. Nazeeri
 H. H. Gibson Scholarship.....Gary T. Johnston
 Institute of Food Technologists Scholarships—
 Susan Haith John R. Miller Nicholas Ross
 Gail Miller James Noteboom Jerry Sloan
 Alexander E. Katz Memorial Scholarship.....Robert F. Marquardt
 Ezra J. Kraus Memorial Scholarship.....Maurice W. Johnson
 Lamb-Weston Inc. Scholarship.....Kathleen E. Rearden
 L. A. McClintock Memorial Scholarship.....Harry L. Smith
 Gary McKenzie Scholarship.....Richard L. Cole
 Milwaukee Rod and Gun Club Scholarships.....Leonard H. Sisson, Sterling H. Eide
 Multnomah Anglers and Hunters Scholarship.....Steven L. Judd
 Northwest Packing Company Scholarship.....Mary Ann Grbavac
 Oregon Dairy Industries-P. M. Brandt Memorial Scholarships.....Thomas D. Case,
 Robert W. Furer
 Oregon State Federation of Garden Clubs Scholarships.....Dale P. Anderson,
 Ronnie J. Crooks
 Oregon State Federation of Garden Clubs—Portland District
 ScholarshipMartha A. Hart
 Pacific Northwest Plant Food Association Scholarship.....James R. Hay
 Portland Spin Fishing Club, Inc. Scholarship.....John M. Ausland
 Ralston Purina Company Scholarship.....Harry L. Smith
 Sears Roebuck Foundation Scholarships—
 Melvin R. Franke Ronald L. Lindland Hal D. Sheldon
 Clifford R. Hamilton Vyrle W. Owens Ronald J. Sloan
 John W. Holmes Dwight R. Schuh Gary D. Wood
 Maurice W. Johnson
 Vic Smith Memorial ScholarshipPaul E. Reimers
 Sarah Rehnborg Vaughan (Nutralite Foundation) Scholarships.....Paul G. DuMont,
 Gary L. Hickman
 R. M. Wade Foundation Scholarship.....Dennis H. Wood
 Western Rod and Reel Club Scholarship.....Milton K. Daily

School of Business and Technology

Boeing Scholarships.....Perry L. Giles, Daniel C. Kline, Gordon H. Lowell, David J. Yagelski
 Bertha W. Stutz Memorial Scholarship—Corvallis Women's Club.....Ellen K. Lund
 National Association of Home Builders Scholarships.....Lorance W. Eickworth, Jr.,
 David W. Weeks
 Standard Oil Company of California Scholarship.....William A. Disher

School of Education

Parent Teacher Scholarships—
 Richard W. Andrews Joan E. Drew Roberta J. Kennedy
 Linda K. Badcock Sharyn A. Fife Martha A. Krohn
 Kathleen A. Barss Carolyn G. Fitch Margaret L. Landon
 Donna L. Bartels Carol L. Franzen Elizabeth L. Rush
 Marla J. Bennett Diane Frischknecht Linda J. Schild
 Joann Bye Marcia K. Harmon Sandra L. Schleich
 Janet S. Campbell Jo Anne Johnson Sharon L. Sorensen
 Ann W. Cavanaugh Judith F. Johnson Georgia D. Swanson
 Judy A. Conner Susan C. Justice Susan P. Tubach
 Janice M. Densley Ila M. Keele Janele B. Willford
 Susan M. Dill

School of Engineering

Alcoa Foundation Undergraduate Scholarships.....	Gerald W. Silke, Gary D. Sump
American Society of Civil Engineers Scholarship.....	David A. Johnson
Auxiliary to the Professional Engineers of Oregon, Portland Section Scholarship	Eric L. Strom
Bechtel Scholarships.....	James C. Adamek, Terry P. Becker, Darald W. Callahan, Pedro M. Janowitz
Boeing Scholarships.....	Oran L. Albertson, Tommy R. Hensley, William J. Burke, Richard R. Berlint, Duane M. Thompson
Collins Radio Company Scholarship.....	Ronald A. Skogg
Co-Signers Scholarship.....	Bruce Henderson
Lloyd W. Covert Scholarship	Stanley E. Walters
Freightliner Corporation Scholarships.....	Thomas C. Burnard, Dale H. Grimes, James C. Leonard, James R. Lombard, Kenneth R. Wise
Otto Hermann Scholarships.....	Charles J. Conlee, Larry D. Spindler
IEEE Auxiliary Scholarship.....	Karl K. Koboski
Longview Fibre Company Pulp and Paper Scholarships.....	Dennis P. Aalts, Gary L. Brown, Arthur F. Deardorff, Jim I. Ott, Dean D. Pemble
National Association of Home Builders Scholarships.....	George D. McDaniel, John E. Strom, Jr.
Paper Industry Management Scholarship	Clark E. Elwell
Rayonier Incorporated Scholarships.....	Wallace N. Cory, Robert S. Dallman
Standard Oil Company of California Undergraduate Scholarships—	
Chemical Engineering	Brady R. Montgomery
Electrical Engineering	Sid G. Knox
Mechanical Engineering	Harold E. Todd, Jr.
Texaco Scholarships.....	Jimmie H. Boone, Allen D. Fergeson, Frederick J. Sterk, Neal R. VanDevender
Western Electric Fund Scholarships.....	William R. Broyles
Western Electronic Manufacturer's Association Scholarships.....	Philip T. Choong, Robert R. Nicholas, Ingo P. Thurein, Terry S. Watters

School of Forestry

Albert H. Powers Memorial Scholarship.....	A. Theodore Erickson, Jr.
Aufderheide Scholarship	Willis J. Rietveld
Autzen Foundation Scholarship.....	Robert E. Ragon
Cole, Clark, and Cunningham, Inc. Scholarship.....	Robert R. Grant
Crown Zellerbach Foundation Scholarships.....	Alan S. Deffler, Ronald E. Stewart
Evans Products Company Undergraduate Scholarship.....	Richard K. Marion
Floyd Hart Scholarship.....	James A. Mason
St. Regis Paper Company Scholarship.....	Francis E. Greulich
Slater Memorial Scholarship.....	Phillip R. Kreiss
William H. Smith Memorial Scholarship.....	Gary Von Smith
John R. Snellstrom Scholarship.....	Brian D. Cleary
South Santiam Educational Research Project Undergraduate Scholarships.....	James W. Booher, Jr., Michael F. Cooley, Phillip E. Crawford, Theodore R. Kinney, Jr., Richard L. Robertson
Max D. Tucker Scholarships.....	Dennis P. Dykstra, John H. McGhehey, Dennis Pope

School of Home Economics

Borden Scholarship	Darlene M. McMacken
Leone Covert Scholarship	Karen E. Anderson
Electrical Women's Round Table of Oregon Scholarship.....	Ann Stevens
FHA Scholarships	Linda J. Hellberg, Marlene K. Wilson
Sears Roebuck Foundation Scholarships.....	Susan D. Carroll, Karen E. Meistrell, Joy Rae Young

School of Pharmacy

A. K. Berman Pharmacy Scholarship.....	George A. Schenk, Jr.
Martha Baker Dixon Scholarship.....	Charlotte L. LeFevre
Lane County Registered Pharmacists Scholarship	Michael R. Vitek
Pay Less Drug Stores Scholarship.....	John F. Faux
Women's Auxiliary, Oregon State Pharmaceutical Association Tuition Scholarship	Linda J. Kafton
Women's Auxiliary, Oregon State Pharmaceutical Association Scholarship	Robert S. Moore

SCHOLARSHIPS FOR FOREIGN STUDENTS

Interfraternity Scholarships	Ignacio A. Fuentes (<i>Peru</i>), Husnu M. Ozyegini (<i>Turkey</i>)
Oregon Federation of Business and Professional Women's Clubs, Inc. Scholarship	Renuka Raghavan (<i>India</i>)
Panhellenic Scholarship	Solveig B. Ekner (<i>Denmark</i>)
PEO Sisterhood Scholarship	Sukhbir K. Bhullor (<i>India</i>)

SCHOLARSHIPS ADMINISTERED BY OTHER AGENCIES

S. A. Agnew Scholarship-Oregon Coast Veneer	Nancy L. Barnes
Air Force Aid Society Educational Foundation.....	Larrie F. Knudsen, Linda K. Minchow, Larry T. Senn
Altrusa Club of Albany	Claudia M. Whiteside
Altrusa Club of Pendleton.....	Ruth A. Horning
American Association of University Women.....	Frances F. Thomas
American Legion Auxiliary—Number Fifty-nine.....	Peggy L. Brown
American Legion Auxiliary—Department of Oregon.....	Frances E. Freeman, Margaret R. Garcia, Connie L. Miller, Paulette A. Newcomb, Jack L. Winchester
American Legion Baseball Scholarships.....	Gregory A. Jackson, Thomas H. Oberg
Balfour Scholarship.....	Joseph J. Janik
Bate Plywood Company, Inc.....	Anne M. Woody
Beane Fund Scholarships.....	Stephen E. Binney, Clifford F. Kenyon, Alexander Sapiens
BPOE Scholarships—	
Bend	John W. Holmes, Susan J. Schilling
Burns	Robert J. Higgins, Brenda L. Whitsell
Corvallis	Dalene C. Drinkard, Sandra K. Hyde, Marc H. Saunders, Betty J. Watkins, Mary S. Williams
Gresham	Peggy Ann Happold
Lebanon	Roger A. Collin, Judy C. Moss, Paulette A. Newcomb
Medford	Howard E. Haugen
National Foundation	William L. Denney, Dennis D. Dwyer, Don D. Eggleston, Jane F. Hennick
Roseburg	James W. Riggs, Karel N. Sherwood
St. Helens	David F. Brunzman, Linda M. Cave
State	Elvira DeMars, William L. Denny, Jane F. Hennick, Sharon A. Hobson, Hullette M. Johnson, Judy C. Moss, John C. Steele
Toledo	Terry G. Rhoades
Carl Bennett Scholarship	Sharon L. Schoonover
Benton County Medical Auxiliary	Frances R. Wood
Blaser Scholarship	Carol S. Plunkett
Britt Memorial Scholarship	Norman E. Pawlowski
Brookings Plywood Scholarship	Hugh A. Akers
Business and Professional Women's Clubs Scholarships—	
Cottage Grove	Betty Jo McCoy
Junction City	Carole J. Falk
Klamath Falls	Karen Ann Breithaupt
Woodburn	Verna M. Sprague
California Packing Corporation Athletic Association Scholarship.....	Jean H. Matsumura
Cannon Electric Company Scholarship.....	Leslie Ann Bowyer
Carpenter Foundation Scholarships—	
Central Point High School	Joyce A. Dye, Robert F. Kuest, John P. Kuoni, Gary A. Meade, Douglas R. Moore
Medford High School.....	Harold W. Bailey, Gary L. Beach, Richard A. Benner, James V. Berg, Nona J. Donahue, Sandra L. Gannon, William B. Hobbs, Alfred Mercer, Jr., Robert H. Schroeder, James V. Stiger, Vicki J. Toenniges
Phoenix High School	Virginia P. Daugherty, Laura J. Griffith, Joyce K. Stockstill
Commercial Credit Scholarship.....	Kathy D. Clark
Confederated Tribes of the Umatilla Indians Reservation Scholarship	Judith Ann Sparkman
Corvallis Junior Chamber of Commerce	Pamela J. Boyd, E. Sue Wiesner
Criswell Scholarships.....	Charles C. Badcock, Patrick L. Edgerton, Joyce J. Rogers, Michael L. Walker
Crown Zellerbach Foundation Scholarships—	
John D. Bracher	Virginia L. Kari
Linda M. Cave	Michael F. Miller
Joyce N. Collin	Judy C. Moss
Sheryl E. Erickson	Sherry M. Roediger
Sheila E. Harville	Linda J. Schild Hjalmar W. Steel Mary Rose Steen Gary D. Sump
Darrington Scholarship	Toni D. Hansen
Delta Kappa Gamma—Tau Chapter	Julie A. Thomson

Drama Scholarship	Chloe A. Holland
Duke University Scholarship	Mary E. Meriam
Eastern Star Scholarships—Oregon Chapter.....	Darlene L. Beyerle, Patricia A. Thompson
Electric Club of Oregon Scholarships.....	Craig W. Feight, Michael A. Porter
Evans Scholarships, Western Golf Association	George T. Bryant, Craig W. Feight
Max C. Fleischmann Foundation	Kathleen R. Lair
Fraternal Order of Eagles.....	Walter J. Ambrogetti, Michael F. Beyner
Future Homemakers Scholarships	
Hillsboro Union High School	Joanne L. Jaross
Medford High School	Judith S. Hueners
Myrtle Creek High School	Trudy D. Ronk
St. Paul High School	Marlene K. Wilson
General Motors Corporation Scholarships.....	Barbara K. Lowman
Georgia-Pacific Foundation Scholarship—	
Larry D. Brandt	Ronald C. Menke
Sharon R. Branstiter	Steven H. Peterson
Keith E. Clark	Donald G. Ross
Lucille M. Schmidt	Willis S. Stewart
Michael A. Talvola	
Good Samaritan Hospital, Women's Auxiliary of Corvallis.....	Kathleen A. Steenson
Good Samaritan Hospital, Women's Auxiliary of Portland.....	Bobbie K. Wiesinger
Gyro Club of Wallace, Idaho.....	Thomas H. Olson
Hertz Engineering Scholarships	William H. Sisson, Christian L. Sorenson
High Schools—	
East Anchorage, Alaska	William T. Lyman
Antioch, California	Virginia A. Ives
Burlingame Recreation Center, California	Owen E. Lucey
Coburg	Lani L. Woods
Coos Bay	Penelope Paczesniak
Cottage Grove	Philip R. Ekelund, Nina R. McCoy
Crow-Applegate	David T. Biggs
Douglas	Nancy Ann Divine
Grants Pass, National Honor Society Scholarship.....	Anne M. Woody
Hillsboro	Thomas J. Vanderzanden
Kamehameha Schools, Honolulu, Hawaii	Roger O. Grace, Rannie W. Henderson,
Ketchikan, Alaska	William G. Meinel, Jr., Theodore Tam Sing
Lebanon—	Sharon L. Homes
Library Club	Judith C. Ambsberry
Future Business Leaders of America	Regina G. Scheele
National Honor Society Scholarship	Martha Ann Shipman
Paletteers Club Scholarship	Edward K. Plinski
McKenzie River	Thomas M. Everall
McLoughlin	Clare D. Price
Medford	Richard A. Benner, James N. Burke, Billy B. Hobbs, James V. Stiger
Hauptert Tractor Company Scholarship	Carl L. Farner
H.E.C.A. Scholarship	Robert W. Hoag
Milwaukie High School, Girls League	Kathleen R. Boyle
D. E. Scholarship Fund	Joanne M. Knutson
Molalla High School, Teachers Association	Gary D. Wood
(Anita Powers Scholarship Fund)	
Monroe High School, Tri-Co "B" League	Loren F. Gochenour
Oregon City	Richard L. Mace
Philomath	David W. Young
Portland High Schools—	
Benson Polytechnic	Rodney T. Ninomiya
Cleveland	Penny Ann Mudge
Cleveland Dad's Club	Thomas L. Prevette
Franklin	Myron T. Carr
Franklin Dad's Club	Douglas L. Gilbert
Grant Dad's Club	Larry A. Cook, Richard H. Johnson,
Steven S. Slottee, Judy D. Stadheim	
Stephen V. Hertner, Dan D. Jensen	
Marshall	Donald Cooley
Washington	Charlotte R. Hurd, Girard D. Liberty
Reedsport	Jerry L. Hull
Roseburg	Judith A. Hosford
National Honor Society	Jerry A. Boucock
Nebo Scholarship	Betty Lou Yundt
U. S. Plywood Corporation	Jerry A. Boucock, Milo R. Yount
St. Helens, Future Teachers of America	Joyce M. Sacchetti
Salem	Nell P. Gilman, Rachel E. Vancil
Sandy Union	Paul V. Williams
Scappoose, Key Club	Brent O. Forsberg
Sherman, Booster's Club	Karen T. Tsubota
Silverton	Allyne M. Bloch
Sunset Associated Students	Josephine A. Duffy
Dad's Club	Myrnela W. Meyer
Sutherlin	Larry Sorum, Jerry L. Stinnett

Union High School, Vale, Oregon	Elizabeth L. Ashcraft, Carla K. Elfering
Sweet Home	Paul F. Zastrow
Wy'East High School—	
Boy's League	James W. Laraway
Yasui Memorial Fund	Harold Dykstra
International Longshoremen's and Warehousemen's	
Union Scholarship	Janet A. Nys
Jefferson Foundation	Frederick L. Monroe
Jewel Ice Cream Company	Judy A. Kessi
Job's Daughters	Mary M. Breithaupt, Peggy S. Parsons
Junior Achievement of Portland.....	Shelby L. Carlson, Patricia A. Kronblad
Ralph Kappler Scholarships	Dennis H. Wood, Keith H. Wrolstad
Kern County School Employees Federal Credit Union.....	Gary W. Clendenen
Kimberly Clark Corporation	John F. McAlister
Kinzua, Morrow Schools	Ronald L. Creswick
Kiwanis Clubs—	
Glide	Robert C. Blakely
Lebanon	Judith C. Amsberry
Pendleton	Michael R. Patton
Winston-Dillard	Nancy A. Divine
Klamath Falls, OSU Mother's Club.....	Dennis R. Barry
Alice Kidder Kutch Memorial Fund	Alicia S. Davidson, Patricia A. McKevitt, Beth Ann Quillin, Venesa J. White
Lane County School District	Terrence J. Udell
Lebanon Education Association	Colleen F. Glenn
Lew Chevrolet Company	Larry D. Brandt
Lions Clubs—	
Gardiner-Reedsport	Gail F. Gawley, Gerald P. Romberg
Hillsboro	Clyde H. Koontz
Jefferson	Floyd L. Bailey, Jayson M. Wollander
McMinnville	Patricia J. Hay, Dixie Lee Webster
Mapleton	John R. Addleman
Roseway	Janne Luey
Windsor, Vermont	Kenneth J. Ewald
Yoncalla	Judith A. Patrick, Rodney E. Thompson
Malheur County Home Extension Service	Charli Ann Harland
National Electrical Contractors Association	Linnea J. Nystrom
National Honor Society	Robert L. Cohen, Karen F. Evinger, Kathleen Ann Herburger
National Merit Scholarships—	
Clarence A. Bakken	Gary J. Ford
Michael J. Davis	Karen E. Monaco
Dennis R. Ely	Douglas C. Roth
	Kristi S. Scott
	Linda L. Young
	Harold Zimmerman
National Restaurant Foundation	Judith M. Davis
New Jersey State Scholarships.....	John V. Archy, Arthur J. Assantes
Olson-Seid Scholarship	Gerry Lou Gragg
Oregon Association of Future Farmers of America	
Standard Oil of California	Jeff D. Carl, Charles E. Herrick, Lester L. Stephens
Oregon Association for Health, Physical Education, and Recreation.....	Pamela M. Alexander
Oregon Collectors Association	Gary K. Schreiner
Oregon 4-H Clubs—	
American Forest Products Industries	James F. Udell
Standard Brands, Inc.	Linda K. Jenkins
Standard Oil Company of California	Mary M. Benz
Union Pacific Railroad Scholarships, 4-H—	
Stephen R. Davis	Karen E. Meistrell
Shirley Ann Endow	Cheryl J. Miller
Linda K. Jenkins	Victor L. Suratt
	S. Jay Yost
Union Pacific Railroad Scholarships, Future Farmers—	
Jerry I. Cornwell	Charles E. Herrick
Rhea E. Dowse	William R. Hill
Allan J. Gerig	Hollis A. McDonald
	Roger C. Thompson
Oregon Home Economics Association	Carol J. Coates, Bonnie R. Bahn, Linda K. Stanwood, Tamara K. Young
Oregon Industrial Arts Association.....	Gordon W. Conley, Robert J. Higgins, Edwin G. Penner, James R. Snodgrass
ONC—Step to Knowledge Scholarships.....	Laura J. Griffith, Michael Ann Zerwer
Oregon Pepsi-Cola Bottlers Scholarship Foundation.....	E. Susanne Wiesner
Oregon Sportswriters and Sportscasters Association.....	Edward A. Fredenburger
Oregon State Employees Association	James G. Bryant, Thomas L. Gallagher, Jr., Betty Jane Harvey, Michael A. Howard, Mary Ann Zielinski

Oregon State Grange	Kenneth D. Karnosh
Oregon State Pharmaceutical Association Continuing Scholarships.....	Philip R. Juckland, Clifford F. Kenyon, Marilyn E. Loveridge, Kay L. Sonnenberg, Carolyn M. White
Parent-Teachers Associations—	
Brownlee-Oxbow	Jack M. Greener
Ceres, California	Robert W. Bailey
Creswell	S. John Taylor
Dover Air Force Base School, Dover, Delaware	George G. Collins
Fullerton	Carolyn R. Carter
Hermiston	Gary A. Langenwalter, Douglas R. Woolley
Joseph Lane Junior High	Larry K. Kingry
Mapleton	Nelda S. Williams
Myrtle Creek	Mary E. Wilson
Philomath Junior-Senior High	Richard B. Huyett
Reedsport	John E. Furman
Scio	Paulette A. Newcomb
South Eugene	Jill P. Woll
Southern Wasco County	Thomas D. Melum
Umatilla	Penelope E. Jones
Woodland, California	Ann S. Reynolds
Wy'East	Harold Dykstra, Judith D. Goe
Yoncalla	Judith A. Patrick
PEO Sisterhood Scholarships—	
Milton-Freewater	Claudia Coe
Newport	Shirley L. Pykonen
Prineville	Janet E. Isaacson
Roseburg	Karel N. Sherwood
The Dalles	Alonah Hattenhauer
Pepsi-Cola Bottling Company, Corvallis.....	Barbara A. McLean, Roxie R. Rhodes, Shirley K. Richards, E. Susanne Wiesner, Roberta D. Williams
Pepsodent Presidential Scholarships.....	Elizabeth A. Hovee, Donald A. Loomis, William S. Milne, Caryl T. Sciuchetti, Carolyn M. White
Portland Home Economists in Education	Dardee L. Colvin
Portland Panhellenic Association.....	Sharyn Ann Fife
Reynolds Metal	Linda K. Jenkins
Rotary Club Scholarships—	
Baker	Robert P. Moragne
Grants Pass	Gerald L. Howell
Medford	Vicki J. Toenniges
Pendleton	William H. Dierdorf
Port Orford	Klaus I. Jensen
Roseburg Rotary Ann Club	Carolyn R. Carter
Roseburg	Larry K. Kingry
The Dalles	Karen E. Meistrell
Woodburn	Sharon L. Allen
Royal Neighbors	Steven H. Peterson
Sears Roebuck Foundation	Linda L. Dale, Jack F. Query
Sherman County Intermediate Education District.....	Rosalee Eslinger, Ann B. Hall
Society of American Foresters.....	E. Richard Hardman
Society of Exploration Geophysicists Foundation.....	Lynn D. Trembly, James H. Whitcomb
Society of Woman Geographers.....	Edith G. Vedanayagam
Soroptimists Club of Boise	Louise F. Phipps
SOS Scholarships—	
Patricia Batchelder	Laura J. McWilliams
Susan K. Daly	Frederick R. Miranda
Janice K. Johnson	Jerome A. Peschka, Jr.
	Linda L. Reynolds Norman S. Spencer
State of Oregon, Department of Education	Charli Ann Harland, Joyce A. Johansen, Grace H. Morizawa
Sutherland Jaycees	Larry Sorum
Timber Carnival Association	Leta J. Smith
Turner Educational Trust	Robert D. King, Frederick L. Monroe, Michael E. Tyrrell
United Daughters of the Confederacy	David R. Beckham
United States National Bank, Work-College Program—	
Donald D. Fales	Gary K. Gray
Patrick L. Edgerton	William R. Krauthoefer
Jerry R. Findley	Tom M. Kucera
	Peter A. Leineweber Robert J. Pfau Jay W. Schmoll
Edward L. Ward Junior Memorial Scholarship Fund.....	Dennis V. Bigham
Weyerhaeuser Company Foundation.....	Michael J. Minch, Jean E. Moore, Frank O. Williams
Women's Benefit Association, Port Huron, Mich.....	Judith M. Johnson, Evelyn P. McAlister, LoAnn F. Park
YM-YWCA, Central Lane, Eugene.....	Barbara J. Tinker
Zonta Club of Salem	LaWauna M. Lyle

Gifts

Oregon State University makes grateful acknowledgment 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.

Grateful acknowledgment is made of receipts from endowment funds and cash gifts supporting scholarships, prizes, and awards maintained for the recognition and encouragement of student achievement. The various awards are described in the Catalog and recorded elsewhere in this Commencement booklet.

OREGON STATE UNIVERSITY FOUNDATION

The Oregon State University Foundation, the nonprofit corporation through which interested persons or organizations may make gifts and bequests to the institution or any of its divisions, has brought indirect as well as many direct benefits to Oregon State. The Foundation fills the need for a legally sound, inclusive, and permanent agency apart from, but working in close coordination with, the Administration. Its purpose is to aid and promote educational and charitable activities and specifically, to receive, hold, manage, construct, exchange, and dispose of all kinds of property, whether acquired absolutely or in trust, for the benefit of the public served by Oregon State University through education, research, and service.

Funds received from all sources into the Foundation for the calendar year 1963\$198,749.10.

OREGON STATE UNIVERSITY LIBRARY

Memorial Gifts

Each year, under a plan promoted by "Friends of the Library of Oregon State University," books are added to the Library as gifts of individuals and groups, in memory of deceased friends and relatives, and particularly in memory of persons who have been closely associated with Oregon State University. Each of the books is appropriately marked with a special memorial bookplate recording the name of the person memorialized and the donor. For the present year \$1,535 has been given the Library for memorial books. In total, 237 volumes memorializing 39 persons have been added to the Library. Since 1943, when the Memorial Book Plan began, 3,372 books have been placed in the Library. These books constitute constructive memorials of enduring worth.

Other Gifts

In addition to memorial volumes, the Library has also received book gifts with an estimated value of \$1,037. These have included the continuing annual gift of the Portland Chapter of the American Society of Metals in the amount of \$100 for the purchase of books honoring W. J. Kroll, internationally renowned metallurgist, who until recently resided in Corvallis. Professor Anaita Jurgenson has continued her annual gifts to the Library with the presentation of two beautiful volumes, Spasskii, I. G. Foreign and Russian orders through 1917, and Amir-anachvili, Chalva, Les Emaux de Georgie.

Gifts of current periodical subscriptions, continuations, and back files of periodicals, with an estimated value of \$1,207, have been received from publishers, industrial firms, individuals, and faculty members. In addition, many books, periodicals, bulletins, serial publications, reports, reprints, pamphlets, and subscriptions to current trade and technical periodicals numbering thousands of pieces have been received from various individuals and companies. The total estimated value of all gifts to the Library, including memorial books, is approximately \$3,779.

HORNER MUSEUM

Since its inception the Horner Museum has enjoyed the support of the public it serves. During the past year many individuals have brought specimens, heirlooms, and personal treasures to all departments of the Museum to be enjoyed by the public. These donations vary in scope from individual items to entire collections. The Museum makes grateful acknowledgment of these gifts and loans that have contributed so much to its progress.

MEMORIAL UNION

The Memorial Union acknowledges the gracious cooperation and generous support of the many friends who have made its cultural and educational programs for the entire campus community possible.