

H. T. ...

The seal of Oregon State College is circular with a rope-like border. Inside the border, the words "OREGON STATE COLLEGE" are written in a circular path. At the bottom of the seal, the year "1868" is inscribed between two stars. The central part of the seal features a shield with a sunburst and other heraldic elements.

*Ninety-First Annual
Commencement*

Oregon State College

COLISEUM, TEN O'CLOCK
MONDAY MORNING, JUNE SIXTH
NINETEEN HUNDRED SIXTY

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 1960

Recessional—

The order of the Recessional is the reverse of the Processional, the Class of 1960 marching first and the President of the College 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 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	Russet
The School of Home Economics	White
The School of Pharmacy	Olive green

Program

PRELUDE

Transcendence Overture *Frankliser*

PROCESSIONAL

March Processional *Marcelli*

Festal March *James*

Processional *Savino*

Oregon State College Concert Band

Ted Mesang, 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 Invocation and posting of the Colors.

THE NATIONAL ANTHEM

INVOCATION

The Reverend Charles S. Neville, B.A., B.D.
Rector, The Church of the Good Samaritan, Corvallis

GREETINGS

Ralph E. Purvine, M.D.
Member, State Board of Higher Education

CONFERRING OF BACCALAUREATE DEGREES

PRESIDENT AUGUST LEROY STRAND, Ph.D., LL.D.

OATH OF OFFICE FOR NEWLY COMMISSIONED OFFICERS OF U. S. ARMY, U. S. NAVY, U. S. MARINE CORPS, AND U. S. AIR FORCE IN THE GRADUATING CLASS

CONFERRING OF ADVANCED DEGREES

CONFERRING OF HONORARY DEGREES

PRESIDENT STRAND

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

RECESSIONAL

The Host of Youth *Guentzel*
Concert Band

After the Colors have been carried from the auditorium, everyone except the military will be seated during the recessional.

Senior Honors

June 1960

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. A student to be eligible for such honor 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.

SCIENCE

George Eyre Andrews
Neil Elliott West
Lee Robert Grunden
Gary Lee Moore
Edgar Lee Stout
Theodore Kiichiro Sakano
Virginia Jean Wood

Fred William Rodgers, Jr.
William Merle Ziniker
Laurance Leroy Oden
George Ernest Claussen
Patrik Robert Callis
Frederick Thomas Krogh
Jimmy Chi-Ho Ling
Dick Howard Gipson

Judith Anne Barton
Alice Anne Johnson
Kenneth Ray Ostrom
Russell Wayne Newcomb
Richard Ernest Siemens
Myrna Marion Walker
Weldon Stuart Meier

AGRICULTURE

Brian Lester McNeal
Mary Louise Lawson
Norman Lee Murray

Fredrick Allen Griffith
Raymond Alfred Zalunardo
Roger Harold Lawson

Maurice LeRoy Westberg
Hoy Fred Carman
Frederick Bernhard Ledeboer

BUSINESS AND TECHNOLOGY

Marilyn Swanson Ashby
Susan Lee Jameson

Elaine Marlys Kleven
Jack Eddie Nessen
Homer George Wadsworth, Jr.

Gerald VonBorstel Koch
Dennis Edwin Salvon

EDUCATION

Juliet Ferryl Turner
Catherine Elizabeth Casper
Mary Ellen Atzbaugh
Ronald Earl Kaiser
Marilyn Irene Otness
Jacquelyn Rae Wright
Gail Dolores Carswell

Jill Cummings Beals
Ellamae Lucille Lenox
Rosemary Sullivan Loomis
Ellen Strahan Zulauf
Ardith Ann Sump
Pamela Gertrude Clayton
Leonard Frank Chandler

Sondra Lee Taylor
Anne Lovejoy Smith
Judith Nadine Stadler
Janet Lillian Winkler
Jeanette Emma Thompson
Robertta Mae Roberts

ENGINEERING

Louis Joseph Snyder
Keith Harland Banko
Daniel Odell Oldfather
John Wallace Keizur
Gregory Hughston Turnbull
Stanton Allen Shipley
Ralph Avery Purves
John Keith Carswell

Jack Douglas Culbertson
Roy Gordon Haftorson, Jr.
Dennis Burton Whitney
John Lawrence Baylor
Andrew Christian Peterson, Jr.
Martin Granville Boatwright
Gustav Ernest Wendland
Daniel Frederick Schaaf
John Charles Anderson

Kenji Nishioka
James Dana Kirkmire
Russell Allyn Smith
Constantine Elian Polymeropoulos
Richard Morrow Fryer
Earl Robert Westberg
Bernard Eric Davis
Paul David Sturges

HOME ECONOMICS

Kathy Ingle

Sheryl Gaines Baker

Annette Ahlers

PHARMACY

Walter Kaye Stoeffler

Marilyn Lee Kurtz

Richard Lyle Bunt

Baccalaureate Degrees

Oregon State College, 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

Instruction in the liberal arts and sciences is offered at Oregon State College through (1) the School of Humanities and Social Sciences and (2) the School of Science.

School of Humanities and Social Sciences

Ralph Colby, Dean

The State Board of Higher Education on October 27, 1959, changed the name of the former Lower Division to the School of Humanities and Social Sciences and authorized a divisional baccalaureate degree program in Humanities leading to a Bachelor of Arts degree and a divisional baccalaureate degree program in General Social Science leading to the Bachelor of Science or the Bachelor of Arts degree, effective fall term 1960-61. Curricular provisions for the new degrees were approved January 26, 1960. The new School will continue also the work of the former Lower Division including freshman and sophomore work in liberal arts and sciences leading to junior standing and, on application, to certificates. The faculty of the School of Humanities and Social Sciences also offers upper division service courses for students majoring in other fields.

School of Science

Francois Archibald Gilfillan, Dean

The School of Science provides majors in the sciences for students whose objective is a liberal education, and professional preparation for students planning to enter some scholarly occupation in the realm of science. Undergraduate majors are offered in the following departments: general science; bacteriology and hygiene; botany; chemistry; entomology; geology; mathematics; natural resources; physics; science education; and zoology.

BACHELOR OF ARTS

Mary Jo Bailey, Colton, California
Phillip Ray Black, Fort Wayne,
Indiana
Benjamin Howe Lashbaugh, Portland
Charles Winfield Laythe, Corvallis
Weldon Stuart Meier, Portland
John Niedra, Salem

Thomas Gordon Petersen, Corvallis
David Rollins Smith, Eugene
Edgar Lee Stout, Grants Pass
Myrna Marion Walker, Corvallis
Virginia Jean Wood, Corvallis
William Merle Ziniker, Eugene

BACHELOR OF SCIENCE

- Kie Hong Ahn, Seoul, Korea
 George Eyre Andrews, Salem
 Ralph Calvin Applebee, San Francisco,
 California
 Barbara Hutchings Ascher, Berkeley,
 California
 Dee Daryl Atkinson, Coquille
 Richard Allen Baker, Portland
 Douglas John Ballew, Cottage Grove
 Douglas Oliver Barber, Escalon,
 California
 Jan Errol Bartels, Coos Bay
 Judith Anne Barton, Corvallis
 Monroe Duke Bevans, Roseburg
 David William Blake, Albany
 Harley Barthel Blankenship, Eugene
 John Paul Bollman, Dallas
 Richard Ivan Bonser, Kailua, Hawaii
 John Kent Bosking, Los Alamitos,
 California
 Melvin Herman Breitsprecher,
 Corvallis
 Peggy Ann Bronson, Parkdale
 Robert Charles Brown, Fortuna,
 California
 Arnold Ray Bunch, Lime
 Karen Jensen Butler, Hot Springs,
 South Dakota
 Arthur Calderon, Jr., Redondo Beach,
 California
 Patrik Robert Callis, Springfield
 Jerry Lauren Caples, Portland
 Brent Hartley Carter, Medford
 Pai Ling Chao, Taipei, China
 James David Chapman, Pendleton
 Vernon Nam Chock, Honolulu, Hawaii
 David Milton Clark, Fort Wayne,
 Indiana
 Richard Lee Claus, Salem
 George Ernest Claussen, Lake Grove
 Clifford Bernard Cordy, Jr., Medford
 Steven LeRoy Covey, Albany
 George Frank Crandell, Seaside
 Charles Elmer Dahlgren, Warren
 Sally Hope Davidson, Bellevue,
 Washington
 Sally DeArmond, Hubbard
 Maura Kathleen Deeney, Portland
 Atila Hasan Dereli, Corvallis
 Homer Hoy Ding, Portland
 Glenn Clark Dodge, Eugene
 Gunards Robert Drusts, Corvallis
 Gail Lois Dunbar, Winona Lake,
 Indiana
 John Ross Ekstrom, Portland
 Gary Stewart Elbow, Tillamook
 Daniel Ainoa Mitchell Eli, Nanakuli,
 Hawaii
 Richard Gordon Elliott, Salem
 Robert Kay Erickson, Portland
 Sammie Dale Evans, Joseph
 James Wayne Eversole, Corvallis
 Garry Woodburn Fenno, Dillingham,
 Alaska
 Clark Alan Fisher, Alhambra,
 California
 Darrell Lee Fort, Lebanon
 Richard Thomas Fraga, Martinez,
 California
 Norman Ray Franzen, Salem
 John Richard Geaney, Coquille
 Peter Francis Giacobazzi, Portland
 Margaret Alice Gilfillan, Corvallis
 Dick Howard Gipson, Union
 Carolyn Ruth Gorham, Sherwood
 Charles Henry Gray, Glendale,
 California
 William Edward Greene, Jr., Albany
 Mary Suzanne Groshong, Corvallis
 Lee Robert Grunden, Beaverton
 Rasin Güven, Eregli, Turkey
 Ronald Francis Hall, Corvallis
 Stephen Alan Hall, Roseburg
 Richard Joseph Hanson, Portland
 Curtis Norman Harris, Corvallis
 Detta Ruth Harrison, Oakridge
 Frederick Magee Hart, Corvallis
 Sondra Jeanne Hayes, Eugene
 Larry Charles Heaton, Klamath Falls
 Wallace Edwin Helm, Portland
 Bruce Bennett Henry, Klamath Falls
 Dale Perry Hern, Lebanon
 Donald Gene Hipperson, Portland
 Charles Davis Hollister, Gaviota,
 California
 Thomas Joseph Horne, Portland
 Howard Terrell Hubbard, Gresham
 John William Huffman, Albany
 Charles Everett Hull, Portland
 Clarence Norman Hunt, Jr., Maupin
 Richard Henry Hunt, Jr., Corvallis
 Michael James Hurley, Jr., Concord,
 California
 Raymond Elliott Hyde, Island City
 Leslie William Inman, Beaverton
 Frank Wesley Javorsky, Corvallis
 Howard Earl Jensen, Portland
 Alice Anne Johnson, Salem
 Margaret May Johnson, Bruneau,
 Idaho

Richard Arthur Johnson, Salem
 Elaine Roner Jones, Springfield
 Gary Frederick Jones, Corvallis
 James Jay Keizur, Umatilla
 Margaret Ann Kessell, Fresno,
 California
 Rodney Katsumi Kimura, Kapaa,
 Hawaii
 Allan James Kirchem, Oregon City
 John Rudolf Klobas, Corvallis
 Edwin Elmer Kraft, Albany
 Frederick Thomas Krogh, Sweet Home
 Darwin Theodore LaJoie, Springfield
 Courtney Robert Lantz, Terrebonne
 Leslie Fairchild Latimer, Seattle,
 Washington
 Charles Winfield Laythe, Corvallis
 Gerald Lee, Portland
 Arline Pualani LePorte, Kailua,
 Hawaii
 Dwayne Erion Lewis, Gresham
 Jimmy Chi-Ho Ling, Palo Alto,
 California
 Edgar Raymond Lynd, Corvallis
 Gary Allen McIntyre, Gresham
 Barbara Elaine McKay, Cheney,
 Washington
 James Allen McKnight, Jr., Salem
 Michael Claude Mahan, Milton-
 Freewater
 Gilbert Ruben Marguth, Jr., Corvallis
 Donald Macrae Marshall, Arlington
 Mary Elizabeth Martin, Portland
 George Murray Maskell, Corvallis
 Arthur Assao Matsuyama, Kona,
 Hawaii
 Larry Arden Matthews, Corvallis
 Laurence David Mendenhall,
 Willamina
 Donald Raymond Michael, Roseburg
 Raymond David Michels,
 Klamath Falls
 Raymond Eugene Miller, Sweet Home
 Samuel Stephen Montgomery,
 Klamath Falls
 Gary Lee Moore, Gig Harbor,
 Washington
 Ardith Stewart Moran, Boise, Idaho
 John Stanley Mothershead, Albany
 Lewis Martin Mozzini, Corvallis
 Lillie Mae Muller, Albany
 John Sutherland Murray, Corvallis
 Kenneth Dean Nanson, Salem
 John Lloyd Neal, Jr., Eugene
 James Brent Neiger, Salem
 Russell Wayne Newcomb, Delco, Idaho
 Thomas Edward Newell, Scio
 James Henry O'Brien, Corvallis
 Terence John O'Brien, Portland
 Laurance Leroy Oden, Nyssa
 Charles Hiroshi Okamoto, Honolulu,
 Hawaii
 Kenneth Ray Ostrom, Klamath Falls
 Phillip Cary Otness, Lake Grove
 Alan George Palmer, Portland
 Richard Otto Panzer, Portland
 Joanne Marie Peabody, Santa Monica,
 California
 George Berthel Peden, Redmond
 Thomas Gordon Petersen, Corvallis
 Rochelle Kay Plank, Salem
 Stephen Glenn Provant, Boise, Idaho
 Benjamin Percy Purvis, Corvallis
 Paul Lee Ramsey, Frankfort, Indiana
 Ronnie Bryce Rasmussen, Corvallis
 Roger Raymond Reynolds, Corvallis
 Bryce Carl Rickson, Portland
 Jack Thomas Roberts, Hillsboro
 Darrel Lee Rockholt, Corvallis
 Fred William Rodgers, Saratoga,
 California
 John Charles Rodgers, Salem
 Donald Hudson Rosenberg, Altadena,
 California
 Bob Gene Rowland, Coquille
 Alfred Kimber St. Michell, Salem
 Theodore Kiichiro Sakano, Ontario
 Neil Albert Samuels, Trona, California
 Alan Alami Sato, Portland
 Grady Franklin Saunders, Tulelake,
 California
 Priscilla Prince Saunders, Tulelake,
 California
 Daniel Frederick Schaaf, Corvallis
 Thurlo Martin Schindler, Corvallis
 Arnold Leon Schroeder, Jr., Corvallis
 Donald Harvey Scott, Vale
 Fred Elbridge Scott, Vale
 James Walter Sears, Corvallis
 Jan Lewis Shidler, Salem
 Hisao Shigeishi, Hilo, Hawaii
 Kenneth Howard Shreeve, Dallas
 Thomas John Shuell, Woodland Hills,
 California
 Richard Ernest Siemens, Chiloquin
 Khemkhang Sitathani, Bangkok,
 Thailand
 Eric Robin Skov, Portland
 Daniel Leigh Smith, Eugene
 Donald Orla Smith, Klamath Falls
 Peter Edgar Smith, Bluemont, Virginia
 James Robert Spears, Saint Helens

Kemet Dean Spence, Corvallis
Lawrence Walter Stadler, Springfield
Carol Elizabeth Stoakes, Piedmont,
California
Robert Samuel Strebin, Jr., Troutdale
Yasuo Takamiya, Maui, Hawaii
James Richard Tedrow, Oswego
Robert Perry Temple, Echo
David Reginald Thomas, Bonanza
Robert Price Thye, Portland
Elizabeth Edna Tracy, Lakeview
David Ross Trammell, Corvallis
James Edward Trofitter, Portland
Milton Everett Tucker, Central Point
Elliot Yau Een Tung, San Francisco,
California

Susan Hall Tyler, Portland
Edward Earl Uthe, La Grande
Lawrence Henry Welter, Billings,
Montana
Neil Elliott West, Klamath Falls
Joanne Marie Fabry Wilkie, Salem
Ronald Howard Williams,
San Clemente, California
Roger Vincent Wood, Corvallis
Dale Erwin Wynn, Portland
Glenn Minoru Yamamotoya, Kauai,
Hawaii
Gregory Lowell Young, Corvallis
Eldon Wilfred Younger, Corvallis

Professional Schools

School of Agriculture

Frederick Earl Price, Dean

The School of Agriculture offers major curricula in general agriculture; general agriculture with minor in journalism; agricultural economics; agricultural education; dairy and animal husbandry; farm crops; fisheries; food and dairy technology; horticulture; mechanical technology in agriculture; poultry husbandry; range management; soils; and wildlife management.

BACHELOR OF SCIENCE

Richard Michael Adams, Corvallis
Richard Leo Alm, Gresham
Richard Louis Angstrom, Astoria
George Takashi Arakawa, Paauilo,
Hawaii
Gale Edwin Armstrong, Troutdale
Ronald Eldon Bachman, Oahu, Hawaii
Judith Ann Bailey, Corvallis
Edward Allen Ball, Salem
Verle Audas Bechtel, Wallowa
Bernard Earl Bell, Scio
Raymond Lee Bell, Scio
Gene Harley Belt, Yamhill
Boyd Merit Bishop, Tigard
Richard Ivan Bonn, Salem
Keith Roger Boss, Moxee City,
Washington
Raymond Ree Bowman, Pendleton
Robert Lee Bullard, Corvallis
Curtis Leroy Burley, Eugene
Gerald Norman Burton, San Anselmo,
California

James Wood Bywater, Arcadia,
California
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Hoy Fred Carman, Wallowa
Felipe Chui Chang, Managua,
Nicaragua
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Fort Benning, Georgia
Joseph Verne Colvin, Imnaha
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Leroy André de Moulin, Corvallis
Dennis Steven Detering, Harrisburg
Roderick William Donnelly, Corvallis
Cecil Wilmont Elder, Joseph
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Russell Gene Ferg, Medford
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William Wesley Fletcher, Ukiah
Albert Lee French, Corvallis

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 California
 Maclyn Gerold, Corvallis
 Richard Carlton Glidden, Albany
 Michael Philip Golden, Cedarville,
 California
 James Morgan Goodrich, Forest Grove
 Fredrick Allen Griffith, Orchards,
 Washington
 Thomas Martin Groutage, Lewistown,
 Illinois
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 Frank Joseph Hammel, Jr., The Dalles
 Michael Lloyd Harms, Canby
 Lester Edwin Hatton, Jr., Wren
 James Henderson Hayes, Heppner
 Larry Joe Heckart, Salem
 Verne Ellis Hedlund, Anacortes,
 Washington
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 John Phillip Hess, Portland
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 George Andrew Hinkel, Gaston
 Daniel Fredrick Hitchcock,
 Klamath Falls
 Lynn Carleton Howard, Lebanon
 Lawrence Herman Hreha, Astoria
 Joseph Oral Jacob, Hood River
 Charles Lee Jensen, Ketchikan, Alaska
 Dale Edward Johnson, Scappoose
 Donn Royal Johnson, Central Point
 Francis Lyle Jordan, Westfall
 Paul David Knaupp, Portland
 Clifford Perley Knopf, Corvallis
 Curtis Robert Kocken, Roseburg
 David Anthony Kollas, Hood River
 Raghunath Pannalal Lathi, Bombay,
 India
 Mary Louise Lawson, Portland
 Roger Harold Lawson, Portland
 Burdette Joseph Lechner, LaPine
 Frederick Bernhard Ledeboer,
 Hillsboro
 Donald Ben Leggett, Corvallis
 Howard Benjamin Lematta, Corvallis
 John Charles Livesay, Portland
 Jack Ellis Long, Scio
 Gary Oscar Lozier, Enterprise
 Darrell Wayne McFetridge, Enterprise
 Peter Kaye McGill, Corvallis
 Brian Lester McNeal, Corvallis
 David James Mackett, Torrance,
 California
 Donald Jess Maddux, Castle Rock,
 Washington
 James Walter Marks, Joseph
 Duane Everett Marshall, Corvallis
 David Lynn Merz, Florence
 Donald Everett Messerle, Coos Bay
 Raymond Lawrence Meyers, Corvallis
 Jack Edwin Michelson, Lebanon
 Ellwood Dale Miller, Albany
 Michael Eugene Moore, Corvallis
 Norman Lee Murray, Ontario
 James David Myers, Aurora
 Lyle Leslie Myers, Aurora
 Mehdi Naficy, Tehran, Iran
 Clayton Robert Nelson, Gresham
 Robert Eugene Noteboom, Salem
 William Edward Olson, Sweet Home
 Forrest LeRoy Peters, Corvallis
 Douglas Jerome Pierson, Seattle,
 Washington
 Ronald Lewis Pittman, Sheridan
 Donald Alfred Rajnus, Malin
 Michael Erwin Ranslam, The Dalles
 Neal Charles Reiling, Hubbard
 Edward Albert Rentz, Cottage Grove
 Arthur Hamilton Richardson,
 Rapid City, South Dakota
 Arvo Gene Riikula, Portland
 Robert Floyd Root, Wasco
 William Charles Routh, Twin Falls,
 Idaho
 Phillip Thomas Russnogle, Corvallis
 Farhang Saeed, Teheran, Iran
 David Edwin Sandstrom, Saint Helens
 Nelson Santos, Maui, Hawaii
 Dorothy June Scholz, Grants Pass
 Philip Edgar Schreiber, McMinnville
 Stephen Corlett Schuh, Mount Vernon,
 Washington
 Walter Maynard Schuh, Mount
 Vernon, Washington
 John Edwin Sederburg, Ridgefield,
 Washington
 Harold Bert Seely, Hubbard
 John Edward Seley, McMinnville
 Lloyd Francis Silva, Corvallis
 Gerald Milo Simantel, Cornelius
 Richard Edward Sneddon, Albany
 Richard Elbert Stroda, Harrisburg
 Raymond Lamar Tarter, Corvallis
 Ronald Alvin Thompson, Nyssa
 Walter Tokuo Tomihiro, Kukuhihaele,
 Hawaii
 Francis Joseph Trudell, Corvallis
 Jack Ray Vallette, Philomath
 Darrell George Vandehey, Cornelius
 Jack Mahlon Vermilyea, Corvallis
 Frederic Vincent, Jr., Corvallis

Paul Ronald Wachter, Mount Angel
James Kenneth Walgren, Portland
Dennis Henry Wallace, Hubbard
Kraig Brayton Weider, Corvallis
Lloyd Dwayne Werner, Brooks
Maurice LeRoy Westberg, Newberg
Kenneth LeRoy Witcher, Corvallis
Einar Wold, Corvallis

John Robert Woodruff, Eugene
Lawrence Alfred Wright, Barlow
Ronald Earl Wrolstad, Molalla
Norman Gerald Yergen, Corvallis
Calvin Kam Yim, Honolulu, Hawaii
Raymond Alfred Zalunardo,
Klamath Falls
Stuart Stringham Zaugg, Union

BACHELOR OF AGRICULTURE

Samuel Maurice Burgess, Halsey

School of Business and Technology

Clifford Elges Maser, Dean

The School of Business and Technology offers major work in general business and industry; industrial accounting and cost control; industrial finance; production management; industrial marketing and selling; industrial relations and personnel management; and agricultural business management. Accompanying each major a technical minor is required. The school also offers curricula in business education and secretarial science.

BACHELOR OF ARTS

Carol Alma Christensen, Portland
Kay Farris Gawel, McMinnville
Marjorie Lou Harkins, Salem

Helen Johanna Hart, Corvallis
Alma Stevens Lockard, Corvallis
James Thomas Searcy, Salem

BACHELOR OF SCIENCE

Robert John Adkins, Lebanon
Richard Leo Alm, Gresham
Spiro Anagnos, Lodi, California
Virginia Marlene Arnold, Banks
Marilyn Swanson Ashby, Lebanon
Barbara Edith Baker, Medford
Dwight Boyd Baker, Salem
Roger Morris Baker, Salem
Roy Gerald Ballinger, Grants Pass
John Raymond Banton, Portland
Larry Blair Bean, Klamath Falls
Elverne Margaret Bennett,
Saint Helens
Richard Wayne Bevens, Newport
Brent Thompson Birkemeier, Portland
Kenneth Edwin Bish, Wasco
Susan Mary Bishop, Portland
Kenneth Albert Bitterling, Eagle Point
Richard Worth Blacker, Corvallis
Julia Joanne Blanc, Portland
Donald Arthur Boates, Corvallis
Virginia Rhoda Bourke, Corvallis
Thomas Richard Branton, Palmer,
Alaska
Philip Merle Briggs, Corvallis

Robert Bruce Broady, Portland
Carolyn Lee Brown, Portland
Ronald Curtis Brown, Burns
Dennis Charles Brundage, Salem
Alan Lincoln Burr, Selma
Marvin Burt Butler, Portland
George Palmer Byrkit, San Francisco,
California
Albert Martin Carder, Prineville
John Allen Carlson, Portland
Ronald Ray Carlson, Brownsville
John Travis Carson, Sutherlin
Janet Ann Carter, Medford
Dallas Grant Cason, Elgin
Calvin Hoteiye Chinen, Corvallis
Gerald Kaleinani Chong, Honolulu,
Hawaii
Marilyn Ogden Church, Portland
Joseph David Clair, Stockton,
California
Joseph Edward Clauson, Corvallis
John Robert Clyde, Portland
Floyd Allen Cobb, Portland
Dale Eryln Cockerham, Dayton
Robert Dawson Coiner, Jr., Corvallis

Jack Robert Coke, Coos Bay
 Robert Edgar Coleman, Lebanon
 Dennis Cole Conger, Reedsport
 Larry Lavern Cottle, Medford
 Barbara Deanna Cornelius, Garden
 Grove, California
 James Marshall Cornett, Malin
 Ivan Jerry Coykendall, Albany
 Don Signe Culwell, Los Angeles,
 California
 Robert Andrew Cunningham, Menlo
 Park, California
 Donald Edwin Currey, Corvallis
 Larry Eugene Cushing, Albany
 Robert Stanley Darling, Eugene
 Alice Rebecca Davis, Portland
 Richard Brian Davis, Crescent City,
 California
 Eugene Vincent Davison, Corvallis
 Warren Whitney Deakins, Jr.,
 Sacramento, California
 Terrance Anton De Groot, Sutherlin
 Jack Ellsworth Denoe, Corvallis
 Parker Starrett Dinwiddie, Corvallis
 Donald Terence Dolven, La Grande
 Rodemay Patrick Dowling, Spenard,
 Alaska
 Gene Aubrey Drahn, Corvallis
 Alan Wilbert Eberlein, Klamath Falls
 Richard Alan Edwards, Glendale,
 California
 Salmo Kenneth Ellingboe, Napa,
 California
 John Roger Ellis, Klamath Falls
 John Alex Eperjesi, Jr., Corvallis
 Dwain Carl Epps, Klamath Falls
 John Franklin Erben, Corvallis
 Joan Margot Felbick, Portland
 Alan Morris Feuerwerker, Corvallis
 Myrna Heaton Finney, Klamath Falls
 John Anthony Fuchs, Nezperce, Idaho
 David Philip Gambee, Corvallis
 Harold Dexter Garey, Corvallis
 Janis Elaine Gascoigne, Portland
 Jerry Douglas Gatlin, Albany
 Karen Lynell Gigstad, Salem
 John Amory Gill, Corvallis
 John Stephen Glaser, Tangent
 Vernon LeRoy Gleason, Medford
 James Burton Gordon, Salem
 Walter Charles Greenly, Lebanon
 Earl Lyle Greiner, McMinnville
 Joe Hiram Griggs, Cottage Grove
 Percy Walter Hadley, Yamhill
 John Robert Hammond, Baker
 Jean Louise Hannum, Grants Pass
 James Darrelld Harrison, Albany
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 Wallace Edwin Helm, Portland
 Jack Bernie Henderson, Merlin
 Joseph Paul Hennick, Jr., Corvallis
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 Monterey Glenn Holst, Medford
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 Richard Wayne Hunt, Corvallis
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 Susan Lee Jameson, Portland
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 Dan Hontz Johnston, Jr., Corvallis
 Joseph Wilson Johnston, Oswego
 Richard LaVerne Johnston, Portland
 Richard Sanford Kari, Pendleton
 Gordon Lewis Kelly, Banks
 Kaye Ellen Kelsay, Klamath Falls
 Ralph Raymond Kent, Seaside
 Ardith Elaine Keranen, Portland
 Arlene Nona Kerber, Langlois
 Tommy Dale King, Gresham
 Arthur Neal Kinion, Corvallis
 Joyce Barbara Kinkade, Eugene
 Don Lee Kirsteatter, Corvallis
 Elaine Marlys Kleven, Salem
 Michael Patric Knowles, Woodland
 Hills, California
 John Robert Knutson, Portland
 Gerald VonBorstel Koch, Oregon City
 William Arthur Kranz, Corvallis
 Roy Herbert Kruger, Portland
 Evor Dean Kumpula, Astoria
 James Arnold Langley, Redlands,
 California
 Peter Nels Larson, Albany
 Sandra Lasselle, Portland
 Linda Mary Latourette, Oregon City
 Walter Stanley Law, Corvallis
 Jeff Franklin Lay, Corvallis
 Leonard Lyle Le Blanc, Albany
 Bernard Pak-Leung Lee, Wantsai,
 Hong Kong
 Vernon Carl Lee, Corvallis
 Allen Penland Leggett, Berkeley,
 California
 Dick Dee Le Gore, Pendleton
 Sina Stromberg Lenox, Portland
 Thomas Howard Lewis, Portland
 Joseph Homer Light, Albany
 William George Lindquist, Corvallis
 Robert Vernon Lloyd, Corvallis
 Nathan Albert Lowe, Lebanon

Robert Sayre Ludlum, Santa Barbara, California
 Gary Dennis Lukehart, San Jose, California
 Richard Moss Lumenello, Ballardvale, Massachusetts
 Raymond Carl Lunde, Corvallis
 Frederick John McDonnal, Corvallis
 Charles Douglas McGregor, Grants Pass
 Alexander Duncan MacLean, Lanikai, Hawaii
 Janet Darlene MacRostie, Culver
 John Stuart Maring, Portland
 Larry DeJong Massey, Rickreall
 Paul Henry Menke, Arcadia, California
 Edward Ronald Meyersick, Pendleton
 Delos Chester Mielich, San Francisco, California
 Richard Mell Mikesell, Corvallis
 Joanne Helen Miller, Portland
 Kenneth Dale Mills, Cheshire
 Robert Bruce Milum, Newport Beach, California
 Kristin Elizabeth Minty, Gold Beach
 Donald Anderson Moar, Portland
 Robert Dale Moody, Boise, Idaho
 George Edward Morson, Corvallis
 Kay Lila Murray, Honolulu, Hawaii
 Gerald Kenneth Myers, San Francisco, California
 Sara Narkaus, Helix
 Carol Lee Nelson, Salem
 Marilyn Jean Nelson, Corvallis
 Jack Eddie Nessen, Amery, Wisconsin
 Daniel Allen Neuhauser, Portland
 Frank Joseph Ortman, Berkeley, California
 James Manning Ostrander, Portland
 Sally Marie Ostrander, Portland
 Norman Paul Parkhurst, Boring
 Joseph Michael Perrault, Sutherlin
 Alan Harry Peterson, Portland
 Gerald Dee Petrasek, Malin
 James Huber Phillips, Ontario
 Robert William Pingleton, Coquille
 Kenneth Ted Place, Lebanon
 Wilmer Hafford Post, Toledo
 Arthur Burdette Pugsley, Jr., Vancouver, Washington
 Benjamin Young Quong, San Francisco, California
 Kenneth Wayne Ragsdale, Corvallis
 Michael Erwin Ranslam, The Dalles
 William Edward Reinking, Corvallis
 Alvin Leroy Reser, Cornelius
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The School of Education at Oregon State College offers major curricula preparing for teaching in elementary schools, and for the following fields in secondary schools: biological and physical sciences; mathematics; agriculture; business; home economics; industrial arts; physical education; trade and industrial education and approved combinations of subjects; and educational and vocational guidance.

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George Walter Gleeson, Dean

The School of Engineering and Industrial Arts offers major curricula in agricultural engineering; chemical engineering; civil engineering; electrical engineering; industrial engineering; mechanical engineering; and production technology.

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School of Forestry

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Karen Andrews, Kellogg, Idaho

Sheryl Gaines Baker, Astoria

Mary Ingrid Bakken, Honolulu,
Hawaii

Lillah Louise Ball, Hillsboro

Judith Ann Barber, Prairie Village,
Kansas

Gail Frances Brown, Portland

Judith Laird Brown, Lakeview

Hannah Brown Bruce, McMinnville

Maryle Ann Brumfield, Salem

Caroljean Bruno, San Mateo,
California

Eleanor Mable Buchanan,

Sweet Home

Barbara Ann Buescher, Alhambra,
California

Jane Frances Burnside, Portland

Anne Katherine Butorac, Rossland,
Canada

Sarah Elizabeth Carver, Santa

Barbara, California

Marylin Margaret Cave, Hood,
California

Cleo Aquila Lyda Clauson, Corvallis

Charlene Anita Cooper, Coos Bay

Loleta May Buell Cordy, Medford

Carolyn Joyce Courter, Bend

Virginia Hunter Cunningham,
Medford

Margaret Patricia Cuthbert, La Grande

Rachelle Ann Dawson, Portland

Virginia Ellis Dinwiddie, Corvallis

Mary Ann Dreyer, Sunnyside,
Washington

Patricia Myhre Ellis, Salem

Myrna Karen Embree, Cascade Locks

Margaret Jean Faulkner, Yuma,
Arizona

Carol Lorraine Flood, Red Bluff,
California

Dorothy Mae French, Corvallis

Sharon Gay Garrow, Lake Grove

Phyllis Janz Hogle, Portland

Marion Faye Hunter Hovey, Salem

Linda Lee Hunt, Winston

Kathy Ingle, Ashland

Barbara Joy Jacobson, Klamath Falls

Phyllis Elizabeth Kirkland, North
Powder

Charlotte Kofford, Baker

Barbara Barkhorn Kononen, Corvallis

Mary Louise Korvola, Pendleton

Delores Ann Krauss, Portland

Carol Ann Larsen, Clatskanie

Lorna Anne Mackie, Tangent

Patricia Mary Mannagh, Portland	Jean Anne Smith, Corvallis
Katherine Elizabeth Martin, Oakland, California	Elizabeth Ann Snow, Chico, California
Vina Glennabelle Maxwell, Haines	Patricia Ann Snowden, Ellensburg, Washington
Jeanette Dolsen Meusch, Lebanon	Sheila Ann Spence, Medford
Donna Marie Meyer, Salem	Judith Ann Steele, Astoria
Hisako Betty Nerio, Santa Ana, California	Janet Smith Stout, Grants Pass
Ronnalie Esther Olson, Klamath Falls	Lola Dolores Thomas, Hillsboro
Marian Nour-Afagh Omid, Tehran, Iran	Patricia Marlee Thomas, Portland
Helen Louise Parton, Hermiston	Judith Bartel Tichenor, Corvallis
Alma Louise Pierce, Corvallis	Veleta Mae Vander Zanden, Forest Grove
Carol Ann Poleo, Portland	Patricia Ann Walter, Portland
Ma Tin Pon, Rangoon, Burma	Nancy Carol Warren, Corvallis
Sylvia Jean Read, Scottsburg	Joan Clarice Wilcox, Eugene
Linda Diane Rightmire, Ontario	Joan Cecile Williams, Portland
Lynne Margaret Schaper, Campbell, California	Merrilie Ann Witham, Baker
Edytha Kizzie Scott, Kerby	Jeraldine Smith Withycombe, Corvallis
Rita Anne Shields, Portland	Rebecca Broughton Wood, Dayton, Washington
Janet Mae Shoemaker, Scappoose	Kathryn Alice Wright, Junction City
Sharon Beauvais Sickler, Portland	Bonnie Gayle Wyland, Summerville
Donna Yancey Smalley, Corvallis	Patricia Ann Young, Fall Creek
	Rita Zukurs, Springfield

School of Pharmacy

Charles Owens Wilson, Dean

The School of Pharmacy offers a major curriculum including pharmacy; pharmaceutical analysis; pharmacology; and pharmacognosy. It also provides preparation for certification as a registered pharmacist.

BACHELOR OF ARTS

Benjamin Wing Lei, Portland	Ray Justin Wong, Berkeley, California
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BACHELOR OF SCIENCE

Richard Lyle Bunt, Corvallis	Charles Roy Harrison, Corvallis
Edward Lawrence Caldwell, Jr., Portland	Charles Ernest Hill, Corvallis
Edward Tim Chan, Suisun City, California	Edward Lee Holland, Corvallis
Lawrence W Chew, Jr., Palo Alto, California	George Mamoru Kimura, Oahu, Hawaii
George Roger Clayton, Bandon	Richard LaVerne Kononen, Corvallis
Donald Raymond Costa, Lebanon	John Clifford Kula, Corvallis
Yvonne Ewing Dooley, Corvallis	Marilyn Lee Kurtz, Eugene
Clark Alan Fisher, Alhambra, California	Benjamin Wing Lei, Portland
Roger Alan Gunson, Corvallis	Karen Marilyn Mattson, Tigard
Robert Earl Hagedorn, Redding, California	Henry Mock, Palo Alto, California
Nancy Kate Hammers, Corvallis	Keith Earl Mootry, Corvallis
Joyce Loretta Hansen, Cottage Grove	Robert Lawrence Mote, Corvallis
	Winston MBA Onyema, Umuahia, Nigeria
	Diane Porter, Fontana, California
	Lawrence Byron Rauch, Albany

John Oscar Rembert, Grants Pass
Dean Dwayne Schrunk, Scio
Arle Zelma Scott, Kerby
Mickey Earl Simonson, Bakersfield,
California
John Howard Stegemann, Martinez,
California
Walter Kaye Stoeffler, Shedd

Allen Roger Tathwell, Portland
Joyce Kay Warner, Corvallis
Loren Dean Warner, Corvallis
Robert Charles Westerberg, Astoria
Jerry Bryan Williams, McFarland,
California
Ray Justin Wong, Berkeley, California

Commissions

Department of Air Science

Second Lieutenant

Duane Scott Baker	Robert Dale Gheen	James Huber Phillips
Larry Blair Bean	Dennis Patrick Greenwood	Michael Erwin Ranslam
James Roger Brackins	Dale Edward Johnson	William Lloyd Reiersgaard
Warren Whitney Deakins, Jr.	Larry DeJong Massey	Lloyd Francis Silva
Carl Andrew Dobrot	Laurence David Mendenhall	Philip Harold Walker
Edwin Kurt Engelstad	Paul Henry Menke	Gustav Ernest Wendland
Dwain Carl Epps	Johnny Dean Meusch	Lavern Arthur Willie
Darrell Lee Fort	Norman Paul Parkhurst	

Department of Military Science and Tactics

Second Lieutenant

Alvin Kunio Akimoto	Daniel Fredrick Hitchcock	Gerald Kenneth Myers
Richard Lea Alm	Larry Charles Heaton	Thomas Gordon Petersen
Leon Robert Arnoldi	Sheldon Eugene Johnson	Scott Thurston Rickard
Harley Barthel Blankenship	Joseph Wilson Johnston II	Bryce Carl Rickson
John Paul Bollman	Carl Bradley Krueger	Theodore Cooper Searle, Jr.
Donald Richard Borjesson	James Arnold Langley	David Clark Smith
John Kent Bosking	Darrell Edwin LaRue	Levi John Smith
Robert Charles Brown	Gary Oscar Lozier	James Robert Spears
Hoy Fred Carman	Raymond Carl Lunde	Charles Leonard Stoddard
Robert Dawson Coiner, Jr.	Michael Claude Mahan	Robert Jay Swan
Franklin Thomas Daulton	Donald MacRae Marshall	Walter Tokuo Tomihiro
Donald Terence Dolven	Keith Laurence Martin	Peter William Henry Van Dine
Alan Wilbert Eberlein	John Charles Maylie, Jr.	Larry Charles Walker
Cecil Wilmont Elder	Jon Lee Menand	David Dahl Wecker
Gordon Loren Enyeart	Edward Ronald Meyersick	Kraig Brayton Weider
Terry Douglas Gatlin	Raymond David Michels	Lloyd Dwayne Werner
James Morgan Goodrich	Ellwood Dale Miller	Glen Louis Wilfert
James Burton Gordon	Robert Bruce Milum	Robert John Womack
Eldon Henry Graham	Robert Dale Moody	Dale Albert Wood
Joe Hiram Griggs	Michael Eugene Moore	Jon Lee Woodside

Department of Naval Science

Ensign (Navy)

William Donald Bain	Charles Elmer Dahlgren	Daniel Odell Oldfather
Ray Gerald Ballinger	Oliver Giovanna Everette	Kenneth Ray Ostrom
Robert Charles Berreman	Ronald Clay Galdabini	Phillip Cary Otness
Phillip Ray Black	John Richard Geaney	Macy Edwin Overstreet
Richard Worth Blacker	Allan Marshall Hatton	George Berthel Peden
Melvin Ray Broadbent	Michael James Hurley, Jr.	Gary Jay Price
Gerald Norman Butler	Donn Royal Johnson	John Andrew Rorem
Marvin Burt Burton	Peter Nels Larson	James Thomas Searcy
Gerald Blondel Carleton	Robert Donald Main	Thomas John Shuell
John Allen Carlson	Charles Douglas McGregor	Kiefer Ault Tobin
Stuart Leslie Cato	Weldon Stuart Meier	Calvin Kam Yim
Stanley Richard Crane	Marc Hayman Nelson	

Second Lieutenant (Marine Corps)

Gordon Lewis Kelly	Ned Bernard Kisner	William Kimsey Worrell
	James Merlin Ross	

Advanced Degrees

Oregon State College confers the following advanced degrees in course:

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

MASTER OF ARTS

George Eyre Andrews, Salem
B.S., 1960, Oregon State College
Major: Mathematics (Analysis)
Minor: Mathematics (Geometry)
Thesis: Lattice Points on the Boundary of
Convex Bodies.

Stephen Dale Burton, Bend
B.A., 1959, Oregon State College
B.S., 1959, Oregon State College
Major: Pharmacognosy
Minor: Biochemistry
Thesis: Gibberellin Effects on the Carbo-
hydrate, Glycoside, and Growth Patterns
in *Digitalis lanata* Ehrhart.

Afra Margaret Fernandes, Saligao,
India
B.A., 1955, Siddharth College, University
of Bombay, India
Major: Family Life and Home Administra-
tion
Minor: Psychology
Thesis: Behavior During Rest and the
Eating Patterns of Children at Nursery
School.

Robert Paul Schmelzlee, Portland
B.S., 1949, Iowa State University
M.Ed., 1952, Central Washington College
of Education
Major: General Studies
Thesis: A National Lumber Exchange in
Portland.

Glenn Raymond Stewart, Perris,
California
B.S., 1958, California State Polytechnic
College
Major: Zoology
Minor: General Science
Thesis: Observations on Respiratory Me-
tabolism in the Red-Spotted Garter
Snake, *Thamnophis sirtalis concinnus*
(Hallowell).

MASTER OF SCIENCE

Bryan Drew Ainscough, Victoria,
British Columbia
B.A., 1957, University of British Columbia
Major: Entomology
Minor: Zoology
Thesis: The Internal Morphology of *Ca-
minella paraphora* Krantz and Ainscough,
with Descriptions of the Immature Stages
(Acarina: Trachytidae.).

Donald Louis Amort, Corvallis
B.S., 1954, Oregon State College
Major: Electrical Engineering
Minor: Mathematics
Thesis: The Utilization of the Electrolytic
Tank in Engineering Analysis and Syn-
thesis.

Hazel Duncan Anderson, Ontario
B.S., 1940, Oregon State College
Major: Home Economics Education
Minor: Family Life and Clothing
Thesis: Implications for Homemaking Edu-
cation Derived from Homemaking Prac-
tices and Problems of Selected Employed
Mothers in Malheur County, Oregon.

Evelyn Mildred Applonie, Provo, Utah
B.S., 1945, Utah State University
Major: Home Economics Education
Minor: Family Life
Thesis: Selected Practices in Student
Teaching Programs in Institutions in the
United States Approved to Grant Voca-
tional Home Economics Certificates.

- Robert Ortiz Arias, Coachella,
California
B.S., 1958, California State Polytechnic
College
Major: Entomology
Minor: Plant Physiology
Thesis: The Biology of the Grey Garden
Slug, *Decroceras reticulatum* (Müller),
Under Laboratory Conditions.
- Orhan Galip Artar, Ankara, Turkey
B.S., 1948, University of Ankara, Turkey
Major: Food and Dairy Technology
Minor: Bacteriology
Thesis: Effect of Pre-Irradiation Heating
on The Flavor and Nitrogenous Con-
stituents of Beef During Storage.
- Kendall Wight Baxter, The Dalles
B.S., 1956, Eastern Oregon College
Major: General Science
Minor: Science Education
- Dick Wallace Berry, Corvallis
B.S., 1941, Oregon State College
Major: Forest Management
Minor: General Science
Thesis: A Comparison of the Harmonized
Curve and the Combined Variable Meth-
ods of Cubic-Foot Volume Table Con-
struction.
- Rajanikant Premshanker Bhatt,
Dharmaj, India
B.Ph., 1953, Gujarat University
Major: Bacteriology
Minor: Biochemistry
Thesis: Effect of Gibrel on *Azotobacter*
chroococcum.
- Arne Gudmund Bjerre, Denmark
B.S., 1954, Royal Veterinary and Agricul-
tural College of Copenhagen
Major: Natural Resources
Minor: Dairy and Food Technology
Thesis: The Geography of Agricultural
Land Resource Use in Denmark.
- Solveig Hjordis Sorensen Bjerre,
Bergen, Norway
B.S., 1949, University of Bergen, Norway
Major: Biochemistry
Minor: Organic Chemistry
Thesis: A Comparative Study of the Carbo-
hydrate Catabolism in Pseudomonadaceae
Microorganisms.
- Osei Kwabena Bonsu, Obuasi,
West Africa
B.S., 1958, Oregon State College
Major: Aeronautical Engineering
Minor: College Teaching
Thesis: Forming Dimensionless Products
by Using an Algorithm Developed from
Matrix Theory.
- Montree Borisudthi, Bangkok,
Thailand
B.S., 1954, Kasetsart University, Thailand
B.Law, 1954, University of Thammasat,
Thailand
Major: Agricultural Economics
Minor: Economics
Thesis: Agricultural Credit Facilities in
Thailand.
- John Butts Bourke, Corvallis
B.A., 1957, Colgate University
Major: Biochemistry
Minor: Plant Physiology
Thesis: The Effect of Various Herbicides
on Glucose Metabolism in Garden Peas
Pisum sativum L.
- Audrey Lee Braswell, Jr., Corvallis
B.A., 1949, Bethany Nazarene College
M.A., 1956, Los Angeles State College
Major: General Science
Minor: Science Education
- Donald William Bray, Corvallis
B.S., 1952, University of Alberta
Major: Genetics
Minor: Botany
Thesis: Some Factors Affecting Hybridiza-
tion of Tall Fescue, *Festuca arundinacea*,
Schreb., in Polyethylene-Covered Enclo-
sures.
- Carl Ward Brown, Meeker, Colorado
B.S., 1950, Colorado State University
Major: General Science
Minor: Science Education
- Robert Eddie Brummett, Corvallis
B.S., 1959, Oregon State College
Major: Pharmacognosy
Minor: Pharmacology
Thesis: The Influence of Gibberellic Acid
on the Growth and Nitrogen-Fraction
Patterns in *Datura stramonium* Linne.
- Paul Edwin Buffam, Beaverton
B.S., 1958, Oregon State College
Major: Forest Entomology
Minor: Forest Management
Thesis: Studies of the Biology and Effec-
tiveness of *Laricobius erichsonii* Rosenh.
(Coleoptera: Derodontidae), An Euro-
pean Predator of the Balsam Woolly
Aphid, *Adelges piceae* (Ratz.) (Homop-
tera: Adelgidae).
- Daniel Dean Bullis, Corvallis
B.S., 1957, Oregon State College
Major: Nutrition
Minor: Physiology
Thesis: Utilization of Natural and Syn-
thetic Carotene and Synthetic Vitamin A
With and Without Alpha-Tocopherol by
Cattle.
- Charles Henry Burrows, Jr., Corvallis
B.S., 1954, Oregon State College
Major: Forest Products
Minor: Statistics and Production
Thesis: Some Factors Affecting Resin
Efficiency in Wood Flakeboard.
- Gary Lawrence Carlberg, Corvallis
A.B., 1958, Whitman College
Major: Forest Products Chemistry
Minor: Physical Chemistry
Thesis: A Comparison of the Extractives
From Four Species of True Firs.
- Elaine Kathryn Carlson, Boise, Idaho
B.A., 1942, Northwest Nazarene College
B.M., 1947, Northwest Nazarene College
Major: Clothing, Textiles, and Related Arts
Minor: Home Economics Education and
College Teaching
Thesis: Practices in the Selection of Fab-
rics by College-Trained Homemakers as
Compared with Those Having No College
Training in Home Economics.

- Frederick Merlin Carlson, Portland
B.S., 1956, Portland State College
Major: General Science
Minor: Science Education
- Ray August Cattani, Glendale,
California
B.A., 1957, Brigham Young University
Major: Soils
Minor: General Science
Thesis: Ammonium and Ammonia Fixation in Some Oregon Soils.
- John Anthony Cengel, Whiting,
Indiana
B.S., 1958, Purdue University
Major: Chemical Engineering
Minor: General Science
Thesis: Viscosity of Liquid-Liquid Dispersions in Laminar and Turbulent Flow.
- Gowdara Chandrasekharappa, Mysore
State, India
B.S. (Hon), 1951, Mysore University,
India
M.S., 1955, Mysore University, India
Major: Food and Dairy Technology
Minor: Biochemistry
Thesis: The Effect of Ionizing Radiations on the Storage Stability of Hydrogenated Shortening Treated with Certain Antioxidants.
- Aroon Chantanao, Thailand
B.S., 1956, Kasetsart University, Thailand
Major: Plant Pathology
Minor: Botany
Thesis: The Use of Certain Indicator Plants for a Rapid Detection of Root-Knot Nematodes in Soil Samples.
- Prasert Chermporn, Bangkok,
Thailand
B.S., 1952, Kasetsart University, Thailand
Major: Dairy Husbandry
Minor: Animal Husbandry
Thesis: The Effect of Collection Time From Dairy Bulls Upon Semen Quality.
- Jiunn Perng Chiou, Corvallis
B.S., 1954, National Taiwan University,
China
Major: Heat and Power
Minor: Mechanical Engineering
Thesis: Study of Static Performance of a Turbojet Engine.
- Chung-Wei Chow, Corvallis
B.S., 1947, Chiao Tung University, China
Major: Electrical Engineering
Minor: Mechanical Engineering
Thesis: Transient Characteristics of a Tuned Ground-Fault Neutralizer System.
- Charles Christman, Butte, Montana
B.S., 1949, Montana School of Mines
M.A., 1950, Montana State University
Major: General Science
Minor: Science Education
- Daniel Wiggin Coble, Anderson,
Indiana
B.S., 1958, Purdue University
Major: Fisheries
Minor: General Science
Thesis: The Influence of Environmental Conditions in Redds on the Survival of Salmonid Embryos.
- Paul Daniel Cohn, Corvallis
B.S., 1958, Oregon State College
Major: Nuclear Engineering (Chem. Engr.)
Minor: Physics
Thesis: Heat Transfer Coefficients for Condensation of Liquid Metal Vapors Inside a Vertical Tube.
- Calvin Charles Conley, Bellingham,
Washington
B.S., 1949, University of Washington
B.A., 1951, Western Washington College
Major: General Science
Minor: Science Education
- Evelyn Cleo Coxbill, Huntley,
Wyoming
B.A., 1943, University of Wyoming
M.A., 1951, University of Wyoming
Major: General Science
Minor: Science Education
- Leroy Mitchell Damewood, Corvallis
B.S., 1958, Oregon State College
Major: Algebra
Minor: Mathematics (Analysis)
Thesis: Proofs of the $\alpha + \beta$ Theorem Based on Mann's Transformation.
- Jogananda Das, Jorhat, Assam, India
B.S., 1952, Assam Veterinary College,
Guahati, India
Major: Physiology of Reproduction (Dairy and Animal Husbandry)
Minor: Veterinary Medicine
Thesis: Effects of Five Different Levels of Milk Fat on the Life-Span of Bovine Spermatozoa Stored in Milk Diluents.
- Gerald Everett Davis, Corvallis
B.S., 1956, University of Washington
Major: Fisheries
Minor: Oceanography
Thesis: The Influence of Dissolved Oxygen Concentration on the Swimming Performance of Juvenile Coho Salmon at Different Temperatures.
- Milton Lee Dean, Nampa, Idaho
B.A., 1956, Northwest Nazarene College
Major: Systematic Botany
Minor: Natural History
Thesis: A Taxonomic and Ecologic Study of the Vascular Plants of a Section of the Owyhee River Canyon in Oregon.
- Andrew DeJong, Ripon, California
A.B., 1950, Calvin College
Major: General Science
Minor: Science Education
- Athol Hugh Delzell, Tacoma,
Washington
B.A., 1951, University of Washington
Major: Industrial Arts Education
Minor: Education
Thesis: Visual Teaching Aids for Industrial Arts Teachers.
- Neil Lawrence Dibble, Omak,
Washington
B.S., 1951, Washington State University
M.S., 1957, Washington State University
Major: General Science
Minor: Science Education

- George Anthony Dubinski, Portland
B.S., 1958, Oregon State College
Major: Electrical Engineering
Minor: Mathematics
Thesis: Systems Analysis of the ALWAC III-E Digital Computer.
- James Tallus Dunham, Saint Helens
B.S., 1958, Oregon State College
Major: Metallurgy
Minor: Mechanical Engineering
Thesis: Stress-Corrosion Cracking Susceptibility of Zirconium in Ferric-Chloride Solution.
- Calvin William Elshoff, Milwaukie
B.S., 1952, Oregon State College
Major: General Science
Minor: Guidance
- Kenneth Melvin Evenson, Bozeman, Montana
B.S., 1955, Montana State College
Major: Physics
Minor: Mathematics
Thesis: A Six-Hundred Megacycle Electron Paramagnetic Resonance Spectrometer.
- Vera Helen Evenson, Bozeman, Montana
B.S., 1955, Montana State College
Major: Bacteriology
Minor: Biochemistry
Thesis: Preparation, Purification, and Recovery of *Streptomyces griseus* Phage.
- David Gene Fellin, Wallace, Idaho
B.S., 1952, University of Idaho
Major: Entomology
Minor: Statistics
Thesis: The Effect of Various Cold Temperatures on the Length of Diapause of the Spruce Budworm, *Choristoneura fumiferana* (Clem).
- Gordon Edward Fletcher, Seattle, Washington
B.S., 1956, Oregon State College
Major: Physical Chemistry
Minor: Inorganic Chemistry
Thesis: Self-Diffusion of Calcium Ions in Calcium Bentonite Gels.
- Saul Bohdan Gorski, Baker
B.S., 1955, Oregon State College
Major: Mechanical Engineering
Minor: Mathematics
Thesis: An Analytic Approach to Temperature Distribution in a Thin-Walled Combustion Chamber.
- Frank Felloes Greene, Corvallis
B.S., 1957, Oregon State College
Major: Geology
Minor: Natural Resources
Thesis: Geology of the Northeast Corner of the Sparta Quadrangle and Vicinity, Oregon.
- Mary Jane Grieve, Saint Helens
B.S., 1943, North Dakota Agricultural College
Major: Home Economics Education
Minor: Guidance
Thesis: Developing a Student-Teacher Cooperatively Planned Program for Advanced Homemaking.
- Verda May Griner, Covina, California
B.S., 1948, Brigham Young University
Major: Family Life
Minor: College Teaching—Home Administration
Thesis: Attitudes of Parents and College Students Toward Non-Nutritive Sucking by Infants.
- John Philip Gustafson, Eugene
B.S., 1956, Oregon State College
Major: General Science
Minor: Science Education
- Harvey Curtis Hansen, Eugene
B.A., 1949, St. Olaf College
M.Ed., 1952, University of South Dakota
Major: General Science
Minor: Science Education
- Ted Hansen, Show Low, Arizona
B.A., 1935, Iowa State Teachers College
Major: General Science
Minor: Science Education
- Gordon Leon Hanson, Mountain Iron, Minnesota
B.A., 1951, Concordia College
Major: General Science
Minor: Science Education
- Stanley Eugene Harrison, Idaho Falls, Idaho
B.S., 1949, Utah State University
Major: General Science
Minor: General Science and Science Education
- James Kenneth Heaston, La Verre, California
B.S., 1954, California State Polytechnic College
M.A., 1959, California State Polytechnic College
Major: General Science
Minor: Science Education
- Calvin Scott Henry, Corvallis
B.S., 1959, Oregon State College
Major: Mechanical Engineering
Minor: Mathematics
Thesis: The Development of the Characteristic Grid for Supersonic Diverging Jets Exhausting into a Hypersonic Parallel Flowing Stream.
- Richard Anthony Hermens, Forest Grove
B.S., 1957, Pacific University
Major: Physical Chemistry
Minor: Inorganic-Analytical Chemistry
Thesis: Cryoscopy With Hydrazine Salts as Solvent.
- Wilford Moser Hess, Nampa, Idaho
B.S., 1957, Brigham Young University
Major: Horticulture (Vegetable Crops Breeding)
Minor: Botany
Thesis: Inheritance of Growth Habit in Bush Bean, *Phaseolus vulgaris* L.
- Howard Carl Hogg, La Grande
B.S., 1959, Oregon State College
Major: Agricultural Economics
Minor: Economics
Thesis: Merger of Selected Oregon Farm Cooperatives.

- Lawrence Lee Humphreys, Vancouver, Washington
B.A., 1958, Linfield College
Major: Physical Chemistry
Minor: Inorganic Chemistry
Thesis: The System: Hydrazine Hydrochloride-Water-Ethanol.
- Roy Sherman Hunton, Corvallis
B.S., 1949, Brigham Young University
Major: General Science
Minor: General Science
- George Joji Ikeda, Pahoa, Hawaii
B.A., 1957, University of Hawaii
Major: Organic Chemistry
Minor: Biochemistry
Thesis: The Biosynthesis of Certain Amino Acids in *Pseudomonas fluorescens* KB1.
- Gary William Isaac, Pendleton
B.S., 1958, Oregon State College
Major: Fisheries
Minor: Biochemistry
Thesis: Standing Crops of Fish in Oregon Farm Ponds.
- James Thomas Jack, Grants Pass
B.S., 1957, Southern Oregon College
Major: Natural Resources
Minor: Fish and Game Management
Thesis: Agricultural Geography of the Klamath Basin in Oregon.
- Helen Wilma Jarvis, Corvallis
A.B., 1931, University of California at Berkeley
Major: Foods and Nutrition
Minor: Child Development
Thesis: The Ascorbic Acid, Dehydroascorbic Acid and Diketogulonic Acid Content of Canned and Frozen Fruit Juices and Beverages in Relation to Cost.
- George Daniel Johnson, Newberg
B.S., 1955, Oregon State College
Major: General Geology
Minor: Paleontology
Thesis: Geology of the Northwest Quarter Alford Lake Three Quadrangle, Oregon.
- Malathi Muliylil Karuven, Bombay, India
B.Sc., 1958, Maharaja Sayajirao University of Baroda, India
Major: Family Life
Minor: Psychology
Thesis: The Effect of Course-Work in Child Development and Psychology on Understanding the Behavior of Preschool Children.
- Joseph David Kasile, Corvallis
B.S., 1959, Iowa State College
Major: Forest Management
Minor: Statistics
Thesis: A Comparison of the Double Plot and the Fixed Area-Plot Sampling Systems for Arriving at Intensive Forest Management Data.
- Marian Templeton Kienzle, Portland
B.S., 1951, Oregon State College
Major: Home Economics Education
Minor: Clothing and Textiles—Family Life
Thesis: Homemaking Education Programs for Early Adolescents in 223 Representative Schools Throughout the United States.
- Jai Bin Kim, Seoul, Korea
B.S., 1959, Oregon State College
Major: Structural Engineering
Minor: Hydraulic Engineering—Mathematics
Thesis: Investigation of a Hipped Plate Roof Structure.
- George William Klein, Ellsworth, Wisconsin
B.S., 1957, Wisconsin State College
Major: Organic Chemistry
Minor: Inorganic Chemistry
Thesis: The Mechanism of the Hofmann-Martius Rearrangement of N-Alkylamine.
- Ray Henry Kliwer, Corvallis
B.S., 1959, California State Polytechnic College
Major: Dairy Production
Minor: Genetics
Thesis: Gas-Pressure Technique for the Preservation of Bovine Spermatozoa.
- Charles William Kortzen, Corvallis
B.S., 1958, University of Georgia
Major: Food Technology
Minor: Biochemistry
Thesis: Changes in Nitrogenous and Sensory Characteristics During Storage of Precooked Irradiated Pork.
- Robert Lee Krahmer, Corvallis
B.S., 1958, Oregon State College
Major: Forest Products Technology
Minor: Chemistry and Business Administration
Thesis: Some Anatomical Features of Douglas-fir Wood Rated Permeable and Refractory.
- Kenneth William Krueger, Corvallis
B.S., 1957, University of Idaho
Major: Forest Management
Minor: General Science
Thesis: The Influence of Time of Establishment and Competition on the Comparative Heights of Second-Growth Douglas-fir Trees.
- Virindar Singh Kuckreja, Punjab, India
B.A., 1949, Punjab University, India
Major: Natural Resources
Minor: Agricultural Economics
Thesis: Resources Base of the Punjab, India.
- George Bradford LaBaun, Corvallis
B.S., 1958, Oregon State College
Major: Industrial Arts Education
Minor: Education
Thesis: An Analysis of Structural Details and Fabrication Procedures in Wood Frame Residential Construction for the Development of Appropriate Teaching Procedures.
- Henry Wilson Landis, Salem
B.S., 1948, Oregon State College
Major: General Science
Minor: Education
- Harold Ivan Laursen, Corvallis
B.S., 1958, Oregon State College
Major: Structural Engineering (C.E.)
Minor: Mathematics—Soils Mechanics
Thesis: An Investigation of Retaining Wall Loadings.

- Laurie Leonards, Portland
 B.A., 1956, Sacramento State College
 Major: Fisheries
 Minor: Zoology
 Thesis: Experiments on Salmonid Fish Bypassing Employing a New Apparatus at a Screened Diversion Canal.
- Gary Arthur Lindell, Glendale, California
 B.S., 1955, Oregon State College
 Major: General Science
 Minor: Education
- Lionel Millard Livermore, Woodland, Washington
 B.A., 1950, Western Washington College of Education
 Major: General Science
 Minor: Science Education
- Jerry Roger Long, Roseburg
 B.S., 1959, Oregon State College
 Major: General Science
 Minor: Education
- James Chester Looney, Corvallis
 B.S., 1954, Oregon State College
 Major: Electrical Engineering
 Minor: Electrical Engineering—Mathematics
 Thesis: Nonsaturating Amplifier Theory.
- Joanne Lowry, Portland
 B.S., 1955, Oregon State College
 Major: Foods and Nutrition
 Minor: Home Economics Education
 Thesis: The Chemical Composition, Certain Rheological Properties, and the Shortening Power of Fat.
- John Carroll Lundy, Los Angeles, California
 B.S., 1939, University of Washington
 Major: General Science
 Minor: Science Education
- Shirley Catherine Lyman, Corvallis
 B.S., 1957, Oregon State College
 Major: Foods and Nutrition
 Minor: Home Economics Education
 Thesis: The Effect of Freezing on Microscopic Structure and Palatability of French Fried Potatoes.
- John Albert McCann, Haines, Alaska
 B.S., 1956, University of Massachusetts
 Major: Fish and Game Management
 Minor: Zoology
 Thesis: An Analysis of Factors Influencing Road Kill of Pheasants in the Willamette Valley.
- Dale Richard McCullough, Corvallis
 B.S., 1957, South Dakota State College
 Major: Fish and Game Management
 Minor: General Science
 Thesis: An Ecological Study of the Columbian Black-Tailed Deer in a Logged Environment.
- Gerald Frank McGowan, Pilot Rock
 B.S., 1958, Oregon State College
 Major: Electronics Engineering
 Minor: Mathematics
 Thesis: Transistor DC Amplifier Design Theory.
- Charles David McIntire, Houston, Texas
 B.B.A., 1954, Southern Methodist University
 B.S., 1958, Oregon State College
 Major: Fisheries
 Minor: General Science
 Thesis: Effects of Artificial Fertilization on Plankton and Benthos Production in Four Experimental Ponds.
- John Warren Macan, Hoquiam, Washington
 B.S., 1956, Washington State University
 Major: Chemical Engineering
 Minor: Mathematics
 Thesis: Computer Evaluation of Binary Vapor-Liquid Equilibrium Data.
- Robert Vaughn Main, Albany
 B.S., 1953, Oregon State College
 Major: General Science
 Minor: Education
- Georgia Mason, Clifton, New Jersey
 A.B., 1941, Montclair State Teachers College
 Major: General Science
 Minor: General Science
- Harold Irwin Mason, Corvallis
 B.S., 1956, Oregon State College
 Major: General Science
 Minor: Science Education
- Donald Bruce Mausshardt, Piedmont, California
 B.S., 1959, Oregon State College
 Major: Sanitary Engineering
 Minor: Hydraulics
 Thesis: Mechanics of Gas Transfer in Oxidation Lagoons.
- Gerald Eldon Merrill, Corvallis
 B.A., 1957, Seattle Pacific College
 Major: General Science
 Minor: Science Education
- Merrill Monroe Merritt, Corvallis
 B.S., 1948, Seattle University
 M.S., 1952, University of Oregon
 Major: General Science
 Minor: Science Education
- George Carl Miller, Corvallis
 B.S., 1951, University of Washington
 B.S., 1957, Oregon State College
 Major: Fisheries
 Minor: Zoology
 Thesis: The Taxonomy and Certain Biological Aspects of the Crayfish of Oregon and Washington.
- Talaat Khairi Mitri, Mit-Ghamr, Egypt
 B.S., 1949, Cairo University, Egypt
 Major: Entomology
 Minor: Botany and Plant Pathology
 Thesis: The Taxonomic Value of the External Female Genitalia in the Genus *Nabis* Latrielle (Hemiptera: Heteroptera: Nabidae.)

- Lyle Eugene Moe, Corinth, North Dakota
B.S., 1958, North Dakota Agricultural College
Major: Agricultural Economics
Minor: Economics and Statistics
Thesis: Impact of Home Bulk Milk Dispensers on Consumption, Cost of Processing, and Distribution of Fluid Milk on Retail Routes.
- Soo Jae Moon, Seoul, Korea
B.S., 1955, Ewha Woman's University, Korea
Major: Foods and Nutrition
Minor: Biochemistry
Thesis: Changes in Concentrations of Riboflavin in Human Blood Fractions Following Test Doses of the Vitamin.
- Jean Moorshead, Robinson, Kansas
A.B., 1955, William Jewell College
Major: General Science
Minor: Science Education
- Charles Robert Mullen, Jr., Seattle, Washington
B.S., 1958, Oregon State College
Major: Mechanical Engineering
Minor: Mathematics
Thesis: The Effects of Creep on the Structure and Mechanical Properties of Zirconium.
- Hector John Munn, Jr., Newberg
B.S., 1952, Seattle Pacific College
Major: General Science
Minor: Education
- Frank Neuman, Corvallis
B.S., 1957, Oregon State College
Major: Electrical Engineering
Minor: Statistics
Thesis: Speech Compression and Expansion Using Matched Thermistors.
- Michael Newton, South Windham, Vermont
B.S., 1954, University of Vermont
B.S., 1959, Oregon State College
Major: Forest Management
Minor: Botany
Thesis: Progress in Chemical Control of Certain Weed Trees, Shrubs, and Grasses on Forest Lands in Western Oregon.
- Carol Frances Hoppe O'Neill, Corvallis
B.S., 1958, Iowa State College
Major: Family Life
Minor: Psychology
Thesis: Personality Characteristics as Correlates of Maternal Behavior in a Non-Continuous Mothering Situation.
- William Healy Oberteuffer, Oswego
B.S., 1943, Oregon State College
Major: General Science
Minor: Science Education
- Charles Lamar Osterberg, Flagstaff, Arizona
B.S., 1948, Arizona State College
M.A., 1950, Arizona State College
Major: General Science
Minor: General Science
- Richard Pack, Glendale, California
B.A., 1955, University of California at Los Angeles
Major: General Science
Minor: Science Education
- John David Paisley, Rogue River
B.S., 1955, Oregon State College
Major: General Science
Minor: Science Education
- Gary Arthur Pearson, Corvallis
B.S., 1959, Oregon State College
Major: Electrical Engineering
Minor: Physics
Thesis: Interaction of the Discharge Mechanisms in A-C Corona.
- Martha Katherine Peets, Minneapolis, Minnesota
B.S., 1942, University of Minnesota
Major: General Science
Minor: Science Education
- Chongrak Prichananda, Thailand
B.S.F., 1957, University of the Philippines
Major: Forest Products
Minor: Statistics
Thesis: Effect of Air Temperature and Humidity at Different Pressures on Rate of Air Flow Through Apparatus Designed for Indicating Permeability of Wood.
- Robert Louis Puyear, Missoula, Montana
B.S., 1956, Montana State College
Major: Zoology
Minor: Biochemistry
Thesis: Assays of Adrenal Gland Activity in the White Mouse.
- Harold Eugene Ransom, Portland
B.S., 1959, Oregon State College
Major: General Science
Minor: Science Education
- John Edward Rauch, Rainier
B.S., 1957, Oregon State College
Major: Physical Chemistry
Minor: Mathematics
Thesis: Hyperpolarizability and Forbidden Raman Lines.
- Gordon Frank Ridl, Dickinson, North Dakota
B.S., 1950, Dickinson State Teachers College
Major: General Science
Minor: Science Education
- Edward Ernest Riesland, Corvallis
B.S., 1957, Oregon State College
Major: Mechanical Engineering
Minor: Industrial Engineering
Thesis: The Effects of Stress and Temperature on the Creep of Aluminum Alloy Conductor Wire.
- James Carl Sanders, Corvallis
B.A., 1956, Central Washington College of Education
M.Ed., 1958, Central Washington College of Education
Major: General Science
Minor: Science Education

- Rupert Peter Schmitt, Wauwatosa,
Wisconsin
B.S., 1959, Utah State University
Major: General Science
Minor: Entomology
- Alvin Henry Schnurle, Saint Anthony,
Idaho
B.A., 1950, University of Montana
Major: General Science
Minor: Science Education
- James Earl Schoof, Corvallis
B.S., 1952, Kansas State College
Major: Agricultural Engineering
Minor: Civil Engineering—Soils
Thesis: An Automatic, Null-type Piezometer for Measuring Positive and Negative Soil Moisture Pressures in Soils with Low Permeability.
- James Joseph Scott, Seattle,
Washington
B.Ed., 1952, Seattle University
Major: General Science
Minor: General Science
- Raymond Joseph Shamberger, Jr.,
Alma, Michigan
B.S., 1956, Alma College
Major: Biochemistry
Minor: Organic Chemistry
Thesis: Amino Acid Requirements of *Acetobacter suboxydans* Kluyver.
- Margaret Tannian Shea, Lexington,
Kentucky
B.S., 1954, College of St. Catherine
Major: Family Life
Minor: Home Economics Education
Thesis: The Behavior of Infants and Preschool Children in a New Situation.
- Dean Lee Shumway, McMinnville
B.S., 1956, Oregon State College
Major: Fisheries
Minor: General Science
Thesis: The Influence of Water Velocity on the Development of Salmonid Embryos at Low Oxygen Levels.
- Peter Paul Sikorowski, Corvallis
B.S., 1957, Utah State University
Major: Botany and Plant Pathology
Minor: Entomology
Thesis: Dissemination of Spores of *Elytrodema deformans* (Weir) Darker.
- Stuart Jayson Silver, Corvallis
B.S., 1953, Oregon State College
Major: Fisheries
Minor: General Science
Thesis: The Influence of Water Velocity and Dissolved Oxygen on the Development of Salmonid Embryos.
- Donald Edward Skoe, Klamath Falls
B.S., 1958, Oregon State College
Major: Plant Pathology
Minor: Plant Physiology
Thesis: Resistance in Hops to Systemic Rootstock and Crown Infection by Downy Mildew.
- Harold Ivan Smith, Pleasant Hill,
California
B.S., and B.Ed., 1949, Washington State University
Major: General Science
Minor: Science Education
- Marilyn Marie Smith, Marlow,
Oklahoma
B.S., 1958, Oklahoma State University
Major: Family Life
Minor: Education
Thesis: Correlates of College Students' Understanding of Children's Behavior.
- Vernon Norman Smith, Corvallis
B.S., 1951, Oregon State College
Major: Horticulture
Minor: Plant Pathology
Thesis: The Influence of Concentration and Ratio of Nitrogen and Phosphorus in the Rooting Medium Upon Nitrogen and Phosphorus in the Leaves of the Anjou Pear Trees.
- Alice Jeanette Sollie, Canby
B.S., 1950, Oregon State College
Major: Home Economics Education
Minor: Clothing and Family Life
Thesis: Goals, Beliefs, and Practices of Oregon Secondary Homemaking Teachers in Teaching Clothing Construction.
- Cecil Richard Stanton, Corvallis
B.S., 1952, Oregon State College
Major: Farm Crops
Minor: General Botany
Thesis: Adaptation and Agronomic Studies with *Phormium*, *Phormium tenax* Forster, in Western Oregon.
- Gilbert Dale Starks, Corvallis
B.S., 1959, Oregon State College
Major: General Science
Minor: Science Education
- Vernon Lewis Stevens, Corvallis
B.A., 1957, Central Washington College
Major: Biochemistry
Minor: Organic Chemistry
Thesis: The Effect of Herbicides on the Metabolism of Radioactive Acetate in *Pisum sativum* L. Roots.
- Arthur Darrell Stump, Monmouth
B.S., 1940, Oregon State College
Major: General Science
Minor: Science Education and Education
- Robert Bruce Sund, Rogue River
B.A., 1950, Reed College
M.A., 1952, Stanford University
Ed.D., 1958, Stanford University
Major: General Science
Minor: General Science
- Gertrude Laliah Swedberg, Oak
Terrace, Minnesota
B.A., 1955, Radcliffe College
Major: Zoology
Minor: Botany
Thesis: A Spectrophotometric Study of Protein and Deoxyribonucleic Acid in Nuclei of Varying Y Chromosome Dose in *Drosophila melanogaster* Meigen.

- Edward Morgan Taylor, Corvallis
 B.S., 1957, Oregon State College
 Major: Geology
 Minor: Paleontology
 Thesis: The Geology of the Clarno Basin, Mitchell Quadrangle, Oregon.
- Renée Thackeray, Morgan, Utah
 B.S., 1953, Brigham Young University
 Major: Clothing and Textiles
 Minor: College Teaching—Home Administration
 Thesis: Factors Affecting Changes in Color of Men's Dress in France from the 16th Through the 19th Centuries.
- Robert Irvin Thomas, Fortuna, California
 B.S., 1958, California State Polytechnic College
 Major: Dairy Production
 Minor: Physiology
 Thesis: Rumen Volatile Fatty Acids as Affected by Alfalfa Hay Fed in Various Forms.
- Agnes Louise Tobin, Ellensburg, Washington
 B.S., 1956, University of Washington
 Major: Clothing, Textiles, and Related Arts
 Minor: College Teaching
 Thesis: A History and Analysis of the Oregon Linen Industry.
- John Richard Velthoen, Corona, California
 B.S., 1958, Oregon State College
 Major: Natural Resources
 Minor: Political Science
 Thesis: Some Characteristics of Time and Space Patterns of Fall Precipitation in Northwest Oregon.
- Fern Aeileen Vincent, Las Vegas, Nevada
 B.S., 1930, Oklahoma College for Women
 Major: Clothing and Textiles
 Minor: College Teaching
 Thesis: The Resistance of Wool and Polyacrylic Blankets to Abrasion.
- Larry William Vincent, Corvallis
 B.S., 1958, Oregon State College
 Major: Electrical Engineering
 Minor: Mathematics
 Thesis: Design of a Random Number Generator.
- Thomas Lange Vincent, Portland
 B.S., 1958, Oregon State College
 Major: Mechanical Engineering
 Minor: Mathematics
 Thesis: Artificial Satellite Life Duration in Near-Earth Orbits.
- Patricia Ann Walker, Berea, Kentucky
 B.A., 1957, Berea College
 Major: Child Development
 Minor: Education
 Thesis: A Comparison of Films, Participant Observation, and Systematic Observation in Assessing Behavior.
- Ann Louise Walsh, Nome, Alaska
 B.A., 1944, University of California at Santa Barbara
 Major: Home Economics Education
 Minor: Family Life—Clothing and Textiles
 Thesis: Some Practices in Home Economics Student Teaching which Produce Satisfactory Supervisory Relationships.
- Warren Morton Washington, Portland
 B.S., 1958, Oregon State College
 Major: General Science
 Minor: Physics—Oceanography
 Thesis: Lee-Waves of an Isolated Mountain during Rainstages.
- Alvin Sidney Waterhouse, Boise, Idaho
 B.S., 1958, Oregon State College
 Major: Mechanical Engineering
 Minor: Civil Engineering
 Thesis: Some Factors Affecting the Heat Transfer in a Finned Tube Radiator Using Low Pressure Steam and Hot Water as a Heat Source.
- Norman Fred Weatherly, Corvallis
 B.S., 1953, Oregon State College
 Major: Zoology
 Minor: Botany
 Thesis: Rhizocephalan Parasites of Hermit Crabs in the San Juan Archipelago.
- Clyde Elbert Wetherell, Hood River
 B.S., 1958, Oregon State College
 Major: Geology (Petrology)
 Minor: Stratigraphy
 Thesis: Geology of Part of the Southeastern Wallowa Mountains, Northeastern Oregon.
- Richard Jean White, Vale
 B.S., 1950, Oregon State College
 Major: Dairy Manufacturing
 Minor: Business Administration
 Thesis: Occurrence and Control of the Brown Precipitate Defect in Making Cottage Cheese.
- Kenneth Brandt Wischmann, Corvallis
 B.S., 1957, University of Portland
 Major: Organic Chemistry
 Minor: Analytical Chemistry
 Thesis: Addition Reactions of the Condensate of Picolylithium and Certain Unsaturated Aldehydes.
- Joseph Wolpert, Anaconda, Montana
 B.A., 1950, Montana State University
 M.Ed., 1955, Montana State University
 Major: General Science
 Minor: General Science
- Donald Everett Wonnack, Corvallis
 B.S., 1953, Purdue University
 Major: Forest Management (Genetics)
 Minor: General Science
 Thesis: Effect of Winter Chilling and Photoperiod on Growth Resumption in Douglas-fir, *Pseudotsuga menziesii* (Mirb.) Franco.
- Jackson Wong, Yakima, Washington
 B.S., 1958, Oregon State College
 Major: Mechanical Engineering (Metallurgy and Materials)
 Minor: Power
 Thesis: The Structure and Physical Properties of Creep-Tested Aluminum Conductor Wire.

Charles Harry Wright, Cataldo, Idaho
B.S., 1958, University of Idaho
Major: Chemical Engineering
Minor: Chemistry
Thesis: Pressure Drop and Heat Transfer for Liquid-Liquid Dispersions in Turbulent Flow in a Circular Tube.

William Gay Wu, Salt Lake City, Utah
B.S., 1954, Oregon State College
Major: Bacteriology
Minor: Biochemistry
Thesis: The Morphology of *Anaplasma marginale* and the Respiratory Activity of Anaplasma-Infected Blood.

Neal Andre Wyatt, Corvallis
B.S., 1956, Southern Oregon College of Education
Major: Natural Resources
Minor: Political Science
Thesis: The Resource Base of Jackson County, Oregon

Joseph Edward Yahner, Corvallis
B.S., 1954, Purdue University
Major: Soils
Minor: Chemistry
Thesis: Response of Alfalfa under Greenhouse and Field Conditions in Relation to Fertility and Chemical Properties of Two Upland Soils of Oregon.

Gerald Edward Young, Corvallis
B.S., 1955, Oregon State College
Major: General Science
Minor: General Science

Chia-Ping Yu, Taiwan, China
B.S., 1955, National Taiwan University, China
Major: Mechanical Engineering
Minor: Physics—Mathematics
Thesis: The Effect of Excess Air on Furnace Wall Temperature and Heat Transfer for Natural Gas Combustion in a Tubular Heat Exchanger.

MASTER OF AGRICULTURE

James Vernon Lockard, Calipatria, California
B.S., 1954, California State Polytechnic College
Fields: Farm Crops, Soils, Agricultural Economics

Forrest Wilfred Peifer, Kenwood, California
B.S., 1958, California State Polytechnic College
Fields: Soils, Horticulture, Farm Crops

Monda Quansamakom, Bangkok, Thailand
B.S., 1956, Kasetsart University
Fields: Agricultural Education, Dairy Technology, Farm Crops

Tasanee Sorasuchart, Bangkok, Thailand
B.S., 1951, University of Medical Science, Thailand
Fields: Food Technology, Fish and Game Management, Agricultural Chemistry

Yod Vadhana-sindhu, Dhonburi, Thailand
D.V.M., 1941, University of Philippines
D.V.M., 1943, Kasetsart University, Thailand
Fields: Animal Husbandry (Genetics), Nutrition, Statistics

MASTER OF EDUCATION

Helen Rhoads Adams, Portland
B.S., 1954, Oregon State College
Major: Education
Minor: Home Economics Education

Florence Millie Althen, Eugene
B.A., 1944, Dakota Wesleyan University
Major: Business Education
Minor: Education

Marie Crescentia Alvin, Lebanon
B.S., 1954, Oregon College of Education
Major: Education
Minor: Education

Alfred Lee Archibald, Eugene
B.S., 1957, Oregon State College
Major: Guidance
Minor: Psychology

Albert Bauer, Jr., Vancouver, Washington
B.S., 1958, Portland State College
Major: Education
Minor: Political Science

Winona Beard, Portland
B.A., 1951, Albion College
Major: Education
Minor: Education

Pauline Amelia Beattie, Kelso, Washington
B.A., 1949, Washington State University
B.Ed., 1951, Washington State University
Major: Guidance
Minor: Psychology

Gerald Frederick Berglund, Fresno, California
A.B., 1949, Pasadena College
Major: Guidance
Minor: Psychology

Jack William Berke, Portland
B.S., 1955, Lewis and Clark College
Major: Education
Minor: Social Studies—Physical Education

Cathryn Aileen Bolles, Corvallis
B.A., 1941, Rice Institute
Major: Business Education
Minor: Education

- Margery Mae Brash, Albany
B.S., 1944, George Fox College
Major: Health Education
Minor: General Education
- Charles Henry Caplinger, Jr.,
Silverton
B.A., 1956, Grove City College
Major: Guidance
Minor: Psychology
- Royce Ancil Chadwick, Madras
B.S., 1955, Eastern Oregon College
Major: Education
Minor: Administration
- Glen Spencer Collins, Ogden, Utah
B.S., 1950, University of Utah
Major: Business Education
Minor: Education
- James Barry Conaway, McMinnville
B.S., 1946, Eastern Oregon College
Major: Education
Minor: Education
- Kenneth Eugene Coon, Philomath
B.Th., 1950, Walla Walla College
B.A., 1951, Walla Walla College
Major: Education
Minor: Education
- James Wiley Cooper, Corvallis
B.S., 1959, Oregon State College
Major: Education
Minor: Trade and Industrial Education
- James Emmett Cordial, Klamath Falls
B.S., 1953, Oregon State College
Major: Health Education
Minor: Education
- Stanley Frank Czech, Albany
B.S., 1949, Oregon State College
Major: Education
Minor: Administration
- Ann Elizabeth Potter Davis, Corvallis
A.B., 1952, Syracuse University
Major: Guidance
Minor: Psychology
- Patricia Ann Deeney, Salem
B.S., 1957, University of Oregon
Major: Business Education
Minor: Education
- Atila Hasan Dereli, Istanbul, Turkey
B.S., 1960, Oregon State College
Major: Guidance
Minor: Psychology
- Julia Sneed Duke, Myrtle Point
B.A., 1930, University of Tennessee
Major: Business Education
Minor: Education
- Doris Virginia Dulin, Portland
B.S., 1937, Oregon State College
Major: Education
Minor: Education
- Leah Dunford, Bloomington, Idaho
B.S., 1955, Utah State University
Major: Guidance
Minor: Psychology
- Richard Lyle Durham, North
Highlands, California
B.S., 1957, Oregon State College
Major: Industrial Arts Education
Minor: Education
- Margaret Marie Evans, Milwaukie
A.B., 1932, Pacific University
Major: Education
Minor: Education
- Daniel Favero, Ogden, Utah
B.S., 1951, Utah State University
Major: Business Education
Minor: Education
- Mary Frances Fogarty, Albany
B.S., 1955, University of Oregon
Major: Education
Minor: Education
- Rex Raymond Fox, Corvallis
B.S., 1947, University of Idaho
Major: Guidance
Minor: Psychology
- Ivylene Joy Frye, Coquille
B.S., 1955, Oregon State College
Major: Education
Minor: Physical Education
- Mildred Olean Fuller, Lebanon
B.S., 1949, Mississippi Southern College
Major: Education
Minor: Education
- Joyce Diane Genz, Saint Helens
B.A., 1954, Pacific Lutheran College
Major: Education
Minor: Education
- Wallace Eugene Gibbs, Corvallis
B.S., 1950, Oregon State College
Major: Education
Minor: Education
- Ralph James Grieve, Saint Helens
B.S., 1950, University of North Dakota
Major: Education
Minor: Education
- Harold Kenneth Grove, Lebanon
B.S., 1959, Oregon State College
Major: Education
Minor: Education
- Robert William Haberly, Albany
B.A., 1934, College of Emporia
Major: Guidance
Minor: Psychology
- Robert Yoshiso Hamada, Wahiawa,
Hawaii
B.S., 1959, Oregon State College
Major: Education
Minor: Physical Education
- Elbridge Odell Hardin, Corvallis
B.S., 1949, Oregon State College
Major: Education
Minor: Education
- Warren Fredrick Harle, Mountain
View, Alaska
B.S., 1958, Oregon State College
Major: Health Education
Minor: Education

- Clinton Elmer Hart, Longview,
Washington
B.A., 1952, Washington State University
Major: Education
Minor: Industrial Education
- Harriett Jeane Hastie, Corvallis
B.S., 1954, Oregon State College
Major: Guidance
Minor: Psychology
- Lyle Frank Hathaway, Corvallis
B.S., 1955, Oregon State College
M.R.E., 1958, Western Baptist Seminary
Major: Guidance
Minor: Psychology
- Carl George Helming, Siletz
B.S., 1926, Iowa State University
Major: Guidance
Minor: Psychology
- Shizue Susanne Hikida, Winnipeg,
Canada
B.Ed., 1957, University of Alberta
Major: Guidance and Counseling
Minor: Psychology
- Mary Aiello Hopen, Portland
B.A., 1951, Hunter College
Major: Education
Minor: English and Education
- Earl Lee Jackson, Vancouver,
Washington
B.A., 1950, Washington State University
B.Ed., 1950, Washington State University
Major: Education
Minor: Education
- Kenneth Wilbur Jacobson, Dallas
B.A., 1947, Willamette University
Major: Education
Minor: Education
- Anna Florence Jamison, Portland
B.S., 1948, Millersville State Teachers
College
Major: Guidance
Minor: Psychology
- Gordon Merle Johnson, Portland
B.S., 1957, Oregon State College
Major: Industrial Arts Education
Minor: Education
- Mary Doherty Johnson, Corvallis
B.S., 1955, Wisconsin State College
Major: Education
Minor: Education
- Leona Helen Kasparek, Corvallis
B.S., 1952, Trenton State College
Major: Business Education
Minor: Education
- Terry John Kelly, Edmonton, Canada
B.Ed., 1953, University of Alberta, Canada
Major: Industrial Arts Education
Minor: Education
- Donald McGregor Kelts, Corvallis
B.S., 1958, Oregon State College
Major: Education
Minor: Trade and Industrial Education
- Alan Grey Kimmel, North Bend
B.S., 1956, Portland State College
Major: Education
Minor: Social Science
- Raymond Lawrence Klappenbach,
Dallas
B.A., 1951, Northern Idaho College of
Education
Major: Education
Minor: Education
- Jack Sylvester Knudsen, Anaheim,
California
B.S., 1957, Portland State College
Major: Education
Minor: Education
- Joan Doris Kristerson, Seattle,
Washington
B.A., 1950, Washington State University
Major: Education
Minor: Education
- Gordon Arthur Kunke, Dallas
B.A., 1947, Willamette University
Major: Education
Minor: Education
- Earl Boyd Ladd, Milwaukie
B.S., 1947, Oklahoma State University
Major: Education
Minor: Education
- Lawrence Lahm, Corvallis
B.S., 1942, U. S. Military Academy
Major: Education
Minor: Political Science
- James Gerry Laird, North Highlands,
California
B.S., 1957, Oregon State College
Major: Education
Minor: Education
- Rose Marie Larson, Kelso,
Washington
B.A., 1955, Pacific Lutheran College
Major: Business Education
Minor: Education
- Velma Rae Longhorn, Eureka,
California
B.S., 1949, Oregon State College
Major: Education
Minor: Physical Education
- William George Loomis, Salem
B.S., 1957, Oregon State College
Major: Education
Minor: Industrial Education
- Wayne Arthur Lunde, Corvallis
B.S., 1955, Oregon State College
Major: Health Education
Minor: Education
- John William McCarthy, Albany
B.S., 1949, New York University
Major: Education
Minor: Education
- Vera McVanner McClain, Portland
B.A., 1954, University of Portland
Major: Health Education
Minor: Education
- Bonnie Beth McClintock, Monmouth
B.S., 1957, Oregon College of Education
Major: Education
Minor: Education

- Edythe Rose McCormick, Albany
B.S., 1955, Oregon College of Education
Major: Education
Minor: Education
- Donald Lokke MacKinnon, Jr.,
Juneau, Alaska
B.S., 1958, Oregon State College
Major: Health Education
Minor: Education
- Frederick Dean Maddox, Corvallis
B.S., 1957, Oregon State College
Major: Industrial Arts Education
Minor: Education
- Stoddard Malarkey, Portland
B.A., 1955, Reed College
Major: Education
Minor: English
- Mabel Leona Marr, Corvallis
B.S., 1953, Mankato State Teachers College
Major: Education
Minor: Education
- Mark André Meunier, Grande Centre,
Alberta, Canada
B.Ed., 1951, University of Alberta, Canada
Major: Guidance
Minor: Psychology
- Richard Austin Miller, Portland
B.S., 1948, Oregon State College
Major: Health Education
Minor: Education
- Merl Lee Mitchel, Bandon
B.S., 1953, Kansas State Teachers College
Major: Industrial Arts Education
Minor: Education
- Alice Nadine Morse, Seattle,
Washington
B.A., 1954, University of Washington
Major: Guidance
Minor: Psychology
- Terry Lewis Murray, Dallas
B.M.Ed., 1951, Willamette University
Major: Education
Minor: Education
- Lennis Earl Nash, Pendleton
B.S., 1955, Colorado State University
Major: Education
Minor: Trade and Industrial Education
- Donald Fredrick Nichols, Portland
B.A., 1951, Northern Idaho College of
Education
Major: Education
Minor: Education
- Kelvin Lightfoot Nutting, Corvallis
B.S., 1930, United States Naval Academy
Major: Guidance
Minor: Psychology
- Hija Pai, Pusan, Korea
B.A., 1955, Chosun Christian University,
Korea
Major: Education
Minor: Education
- Lowell Norman Pearce, Salem
B.S., 1958, Oregon State College
Major: Health Education
Minor: Education
- Jackie Russel Pinion, Corvallis
B.S., 1954, Oregon State College
Major: Health Education
Minor: Education
- Beth Nutting Powell, Salem
B.S., 1951, Oregon State College
Major: Education
Minor: Education
- Lloyd Guy Powell, Salem
B.S., 1951, Oregon State College
Major: Education
Minor: Education
- Donald Ray Pugh, Bellevue,
Washington
B.A., 1951, Central Washington College of
Education
Major: Industrial Arts Education
Minor: Education
- John Dean Pugh, Elkton
B.S., 1956, Oregon State College
Major: Education
Minor: Physical Education
- Roger Gilbert Ralph, Newell, South
Dakota
B.A., 1957, Sioux Falls College
Major: Guidance
Minor: Psychology
- Jane Carol Smith Rasmussen,
Corvallis
B.S., 1959, Oregon State College
Major: Guidance
Minor: Psychology
- Wayne Randolph Rawson, Klamath
Falls
B.S., 1955, Oregon State College
Major: Industrial Arts Education
Minor: Education
- Donna Jean Redmond, King City,
California
B.S., 1949, Oregon State College
Major: Guidance
Minor: Psychology
- Richard Carol Rhoads, Stayton
B.S., 1957, University of Idaho
Major: Business Education
Minor: Education
- Duane Oliver Richardson, Medford
B.S., 1956, Oregon State College
Major: Industrial Arts Education
Minor: Education
- Norman Edward Rickert, Santa Rosa,
California
B.A., 1956, San Jose State College
Major: Industrial Arts Education
Minor: Education
- Albion Leroy Ringo, Gervais
B.S., 1948, Oregon State College
Major: Agricultural Education
Minor: Agricultural Engineering
Thesis: A Proposed Schedule of Courses
for the Gervais Union High School
Adult Education Program.
- Glen Wesley Robertson, Hood River
B.S., 1954, Oregon College of Education
B.S., 1954, Oregon State College
Major: Education
Minor: Elementary School Administration

- Shirley Ann Roper, Portland
B.S., 1955, Oregon State College
Major: Business Education
Minor: Education
- Kenneth Richard Ruff, Albany
B.S., 1955, University of Oregon
Major: Education
Minor: Education
- Dean Edward Scharer, Tacoma,
Washington
B.Ed., 1951, Seattle University
Major: Business Education
Minor: Education
- Warren John Schue, Lake Grove
B.S., 1947, University of North Dakota
Major: Education
Minor: Education
- John Herbert Searle, Hayward,
California
B.S., 1952, Oregon State College
Major: Business Education
Minor: Education
- Jack Segal, Portland
B.A., 1951, New York University
B.S., 1957, University of Pittsburgh
Major: Guidance
Minor: Psychology
- Robert Chris Simonsen, Hammond
B.S., 1958, Oregon State College
Major: Education
Minor: Education
- Marilyn Meredith Smedley,
Burlingame, California
B.S., 1952, Oregon College of Education
Major: Education
Minor: Education
- Samuel H Smith, Corvallis
B.S., 1938, University of Utah
Major: Education
Minor: Psychology
- Robert Wainwright Stewart, Salem
B.S., 1949, Oregon State College
Major: Education
Minor: Physical Education
- Robert Henry Stolz, Portland
B.S., 1952, Oregon State College
Major: Education
Minor: Physical Education
- Joseph Marion Stone, Battle Ground,
Washington
B.A., 1950, Walla Walla College
Major: Education
Minor: Education
- Richard Ivan Stonehocker, Lethbridge,
Alberta, Canada
B.S., 1956, Oregon State College
Major: Industrial Arts Education
Minor: Education
- George Arthur Sutherland, Edmonton,
Alberta, Canada
B.Ed., 1951, University of Alberta
Major: Industrial Arts Education
Minor: Education
- John George Tarangle, Calgary,
Alberta, Canada
B.Ed., 1951, University of Alberta
Major: Business Education
Minor: Education
- Hugh Taylor, Nanaimo, British
Columbia, Canada
B.A., 1948, University of British Colum-
bia
Major: Guidance
Minor: Psychology
- Marjorie Julia Tedrow, Coos Bay
B.S., 1927, Oregon State College
Major: Education
Minor: Education
- Mable Laura Thomson, Portland
B.S., 1953, Southern Oregon College
Major: Education
Minor: Education
- Elizabeth Lauretta Townsend,
National City, California
B.A., 1936, Union College
Major: Education
Minor: Education
- Mahalia Marie Voisey, Saint Louis,
Missouri
B.A., 1947, William Jewell College
Major: Education
Minor: Education
- Eunice Ewer Wallace, Corvallis
B.A., 1934, College of Idaho
Major: Education
Minor: Sociology—English
- Darrell Lin Ward, Woodburn
B.S., 1955, Oregon State College
Major: Agricultural Education
Minor: Education—Animal Husbandry
Thesis: A Program of School Land Use
for the Woodburn Vocational Agricul-
ture Department.
- Robert Albert Williams, Winston
B.A., 1950, Northern Idaho College of
Education
Major: Education
Minor: Education
- Paul Fred Wilmeth, Salem
B.Ed., 1957, Oregon State College
Major: Education
Minor: Trade and Industrial Education
- Frank Henry Wimer, Longview,
Washington
B.S., 1956, Rocky Mountain College
Major: Education
Minor: Trade and Industrial Education
- Marion Gene Wirth, Salem
B.S., 1957, Oregon State College
Major: Guidance
Minor: Psychology
- Harry Wallace Woodward, Woodburn
B.S., 1950, Oregon State College
Major: Industrial Arts Education
Minor: Education

MASTER OF FORESTRY

William George Dallas, Garvagh,
North Ireland
B.A., 1954, Dublin University, Ireland
Agr. For. B., 1954, Dublin University,
Ireland
Major: Forest Management

Charles Gerald DeRidder, Corvallis
B.S., 1957, Michigan State University
Major: Forest Engineering

MASTER OF HOME ECONOMICS

Vera Lois Murphy, Detroit, Kansas
B.S., 1941, Kansas State University
Major: Clothing, Textiles, and Related
Arts
Minor: Home Economics Education

Lucy Neasham Roths, Milton-
Freewater
B.S., 1935, Iowa State University
Major: Clothing and Textiles
Minor: Home Economics Education

Evelyn Parker Perkins, Oswego
B.A., 1941, Eastern Washington College
of Education
Major: Home Economics Education
Minor: Clothing and Textiles—Home Ad-
ministration and Family Life

Alma Belle Karns Scott, Hoquiam,
Washington
B.S., 1938, Kansas State University
Major: Family Life
Minor: Education

Delia Bautista Roa, San Juan Rizal,
Philippines
B.S., 1954, Philippines Women's Univer-
sity
Major: Family Life
Minor: College and University Teaching

Jasumati Suryakant Shah,
Dar-Es-Salaam, Africa
B.Sc., 1957, Maharaja Sayajirao, Univer-
sity of Baroda, India
Major: Child Development
Minor: Psychology and Speech

Louise Crosby Thorson, San Diego,
California
B.S., 1941, North Dakota Agricultural
College
Major: Clothing and Textiles
Minor: Family Life—Housing

CIVIL ENGINEER

Gordon William Beecroft, Corvallis
B.S., 1952, Oregon State College
Major: Civil Engineering
Thesis: Creep and Shrinkage of Light-
weight Concrete in Prestressed Appli-
cations.

ELECTRICAL ENGINEER

Thomas Berry Correy, Richland,
Washington
B.S., 1940, Oregon State College
Major: Electrical Engineering
Thesis: Weld Alloying Improvement with
Square Type Current Waves on Alternating-Current Tungsten-Arc Inert Gas
Shielded Arc Welding.

DOCTOR OF EDUCATION

Milton Robert Baum, Silverton
B.A., 1949, Willamette University
M.Ed., 1951, Willamette University
Major: Education
First Minor: Administration
Second Minor: Psychology and Guidance
Thesis: Criteria for a School Budget.

Ernie Lee Cummins, Monmouth
B.S., 1943, Oregon State College
M.S., 1952, Oregon State College
Major: Education
First Minor: Administration and Super-
vision
Second Minor: General Science and Sci-
ence Education
Thesis: Science Education in Public High
Schools of Oregon.

Edward Milton Grassell, Corvallis
A.B., 1944, San Jose State College
M.A., 1951, College of the Pacific
Major: Education
First Minor: Industrial Arts and Industrial Education
Second Minor: History
Thesis: An Evaluation of Educational Films in the Teaching of High School Physics in Oregon.

George John Sirmio, Salem
B.A., 1940, Willamette University
M.S., 1947, University of Oregon
Major: Education
First Minor: Health Education
Second Minor: Physical Education
Thesis: Evaluation of the Follow-Up Services for Health Referrals in School Health Services in Selected Oregon Counties.

Don Pollard Pence, Bend
B.A., 1932, Southwestern College
M.A., 1942, Kansas University
Major: Education
First Minor: College Teaching
Second Minor: Music
Thesis: Criteria for a System of Area Education Districts for the State of Oregon.

DOCTOR OF PHILOSOPHY

Lewis Eugene Aldrich, Jr., Haines
B.A., 1950, Linfield College
M.S., 1954, Oregon State College
Major: Zoology
First Minor: Botany
Second Minor: Entomology
Thesis: Digenetic Trematodes from Marine Fishes in the San Juan Archipelago.

Donald Edward Amos, Corvallis
B.S., 1951, Purdue University
M.S., 1956, Oregon State College
Major: Applied Mathematics and Analysis
First Minor: Chemical Engineering
Second Minor: Algebra and Probability
Thesis: Application of the Wiener-Hopf Technique to Half Plane Diffraction of Cylindrical Waves.

Julian Battaile, Corvallis
B.S., 1947, Louisiana State University
M.S., 1948, University of Illinois
Major: Biochemistry
First Minor: Organic Chemistry
Second Minor: General Science
Thesis: Biosynthesis of Terpenes in Mint.

Tim Bhannasiri, Bangkok, Thailand
D.V.M., 1953, Chulalongkorn University
M.S., 1958, Oregon State College
Major: Animal Husbandry (Physiology)
First Minor: Genetics
Second Minor: Nutrition
Thesis: Haematological Study of Genetically Different Lines of Growing Beef Cattle.

Robert Luciano C. deBaca, Ames, Iowa
B.S., 1951, New Mexico State University
M.S., 1954, Oregon State College
Major: Genetics
First Minor: Statistics
Second Minor: Agricultural Economics
Thesis: Genetic, Environmental, and Residual Maternal Influences on Cow Productivity and Growth of Calves.

Tsun-Tien Chao, Corvallis
B.S., 1942, National Central University, China
M.S., 1959, Oregon State College
Major: Soils
First Minor: Plant Physiology
Second Minor: Chemistry
Thesis: The Movement and Adsorption of Sulfate Ions in Soil Systems.

Curtis Gordon Chezem, Los Alamos, New Mexico
B.A., 1951, University of Oregon
M.A., 1952, University of Oregon
Major: Physics
First Minor: Mathematics
Second Minor: Nuclear Physics
Thesis: Neutron Flux Parameters of an Uranium Metal Exponential Experiment.

Donald Ernest Chittick, Tacoma, Washington
B.S., 1954, Willamette University
Major: Physical Chemistry
First Minor: Inorganic Chemistry
Second Minor: Physics
Thesis: Kinetics of Bleaching in Colored KCl.

David Alan Cramer, Fort Collins, Colorado
B.S., 1949, Colorado State University
M.S., 1955, Colorado State University
Major: Animal Nutrition
First Minor: Zoology
Second Minor: Biochemistry
Thesis: Effects of Selenite Upon the Chemical Nature of Tissue Abnormalities in White Muscle Disease of Lambs.

Jack Leland Daniel, Richland, Washington
B.S., 1945, University of Washington
M.S., 1948, University of Washington
Major: Analytical Chemistry
First Minor: Inorganic Chemistry
Second Minor: Physics
Thesis: A Detailed Study of the Carrier Concentration Method of Analysis of Uranium Oxide.

Don Richard deHalas, Richland, Washington
B.S., 1952, University of California
M.S., 1955, University of Idaho
Major: Chemistry
First Minor: Physics
Second Minor: Nuclear Engineering
Thesis: Kinetics of the Decomposition of Organic Reactor Coolants.

- William Patrick Doyle, Seattle,
Washington
B.S., 1955, Seattle University
Major: Organic Chemistry
First Minor: Biochemistry
Second Minor: Plant Physiology—Statistics
Thesis: The Evaluation of the Function of Pathways in Tomato Metabolism.
- Christen Theodore Dyrness, Wheaton,
Illinois
B.S., 1954, Wheaton College
M.S., 1956, Oregon State College
Major: Soils
First Minor: Botany
Second Minor: Forestry
Thesis: Soil-Vegetation Relationships Within the Ponderosa Pine Type in the Central Oregon Pumice Region.
- Fred Dean Fisher, Richland,
Washington
B.A., 1954, Linfield College
Major: Chemical Engineering
First Minor: Chemistry
Second Minor: Mathematics and Statistics
Thesis: Construction and Operation of a High Temperature Solar Furnace: Studies of Elemental Boron.
- Ernest Hugh Gardner, Agassiz,
British Columbia, Canada
B.S.A., 1950, University of British Columbia
M.S., 1959, Oregon State College
Major: Soils
First Minor: Statistics
Second Minor: Plant Physiology
Thesis: Potassium Release from Several Western Oregon Soils and its Relationship to Crop Growth and Soil Mineralogy.
- Paul Milnore Gruzensky, Corvallis
B.S., 1948, Walla Walla College
M.S., 1951, Oregon State College
Major: Inorganic Chemistry
First Minor: Analytical Chemistry
Second Minor: Statistics—Psychology
Thesis: Electrical Conductivity and Ultraviolet Absorption Spectra of High-Purity Potassium Chloride Single Crystals.
- Richard Karl Hermann, Corvallis
B.F., 1951, Ludwig-Maximilian, Germany
M.F., 1956, Yale University
Major: Plant Ecology
First Minor: Forestry
Second Minor: Soils
Thesis: The Influence of Seedbed Micro-environments Upon the Establishment of Douglas-fir, *Pseudotsuga menziesii* (Mirb.) Franco, Seedlings.
- Elizabeth Anne Herridge, Corvallis
B.Sc., 1953, University of Southampton
M.Sc., 1955, University of Southampton
Major: Plant Pathology
First Minor: Bacteriology
Second Minor: Botany
Thesis: Anatomy and Pathology of Leaf Spots on English Holly, *Ilex aquifolium* (Tourn.) L.
- Marian Elizabeth Hills, Jacksonville,
Illinois
A.B., 1951, Illinois College
M.S., 1953, Oklahoma State University
Major: Physical Chemistry
First Minor: Physics
Second Minor: Inorganic Chemistry
Thesis: Preparation and Properties of Crystalline Potassium Chloride Containing Trivalent Cation Impurities.
- Ernest Hodgson, Madison, Wisconsin
B.S., 1954, University of Durham
Major: Entomology
First Minor: Biochemistry
Second Minor: Cell Biology
Thesis: Phospholipids and Their Components in the Nutrition and Metabolism of the Blowfly, *Phormia regina* (Meig.)
- Arthur Madison Imel, Oakland,
California
B.S., 1954, Willamette University
M.S., 1958, Oregon State College
Major: Organic Chemistry
First Minor: Analytical Chemistry
Second Minor: Pharmacology and College Teaching
Thesis: A Study of the Acid-Catalyzed Rearrangement of 4-Oxo-3, 3-Dimethyl-3, 4-Dihydrophenanthrene.
- Robert Carl Lambe, Corvallis
B.A., 1952, University of Southern California
M.S., 1955, University of California at Davis
Major: Plant Pathology
First Minor: Botany
Second Minor: Organic Chemistry
Thesis: The Influence of Temperature, Moisture, and Method of Application on the Fungitoxicity of Mylone and Vapam.
- Prabhakar Dattaram Lotlikar,
Bombay, India
B.S., 1950, Ramnarain Ruia College, Bombay University
M.S., 1954, Seth G. S. Medical College, Bombay University
Major: Biochemistry
First Minor: Pharmacology
Second Minor: Bacteriology
Thesis: Effects of Herbicides on Oxidative Phosphorylation in Mitochondria from Cabbage *Brassica oleracea*.
- James Edward McFarland, Corvallis
B.S., 1953, Denison University
M.S., 1955, Oregon State College
Major: Mathematics (Analysis)
First Minor: Algebra and Geometry
Second Minor: Natural Resources
Thesis: Iterative Solution of Nonlinear Integral Equations.
- Benjamin Fulton Magill, Corvallis
B.S., 1952, Washington State University
M.S., 1954, Oregon State College
Major: Dairy and Animal Husbandry
First Minor: Agricultural Economics
Second Minor: Animal Nutrition
Thesis: The Utilization of Baled, Pelleted, and Wafered Alfalfa Hay by Dairy Cattle.

- Arthur George Maki, Ridgefield,
Washington
B.S., 1953, University of Washington
Major: Physical Chemistry
First Minor: Mathematics
Second Minor: Physics
Thesis: The Infrared Spectrum of Cyanate Ion in Different Environments.
- Russel Gene Mitchell, Portland
B.S., 1956, Oregon State College
M.S., 1957, New York State College of Forestry
Major: Entomology
First Minor: Forest Entomology
Second Minor: Forest Management
Thesis: The Biology of the Balsam Woolly Aphid, *Chermes piceae* Ratz., in Oregon and Washington and the Identification and Evaluation of Its Native Predators.
- Mathew Joseph Nadakavukaren,
Fort Cochin, India
B.S., 1953, University of Madras, India
Major: Plant Pathology
First Minor: General Botany
Second Minor: Entomology
Thesis: The Effect of Soil Moisture and Temperature on Survival of *Verticillium microsclerotia*.
- Yesh Pal Puri, Sangrur, India
B.S., 1953, Banaras Hindu University
M.S., 1958, Oregon State College
Major: Farm Crops
First Minor: Soils
Second Minor: Genetics
Thesis: Flowering Habit, Pollen Characteristics, and Seed Germination of *Phoridium tenax* Forst.
- Samuel Waybright Sabin, Node,
Wyoming
B.S., 1956, University of Wyoming
M.S., 1958, University of Wyoming
Major: Genetics
First Minor: Physiology
Second Minor: Statistics
Thesis: Analyses of Physical Sources of Variation in Estimated Genetic Growth Parameters in Beef Cattle.
- Kalkunte Srinivasa Iyengar Seshadri,
Bangalore, India
B.Sc., 1945, University of Mysore, India
M.Sc., 1951, University of Mysore, India
Major: Physical Chemistry
First Minor: Analytical Chemistry
Second Minor: Mathematics
Thesis: Absolute Infrared Intensities of the Cyanate Ion in KCl, KBr, and KI Lattice Environment.
- Roy Ragnar Silen, Corvallis
B.S., 1943, Oregon State College
M.F., 1948, Yale University
Major: Botany
First Minor: Forestry
Second Minor: Genetics
Thesis: Lethal Surface Temperatures and Their Interpretation for Douglas-fir.
- John Louis Stephenson, Platteville,
Wisconsin
B.S., 1951, University of Wisconsin
M.S., 1955, Oregon State College
Major: Organic Chemistry
First Minor: Inorganic Chemistry
Second Minor: College Teaching
Thesis: Some Stereochemical Aspects of the Claisen Rearrangement.
- Floyd Madison Stout, Englewood,
Colorado
B.S., 1953, Colorado State University
M.S., 1959, Oregon State College
Major: Animal Nutrition
First Minor: Genetics
Second Minor: Physiology
Thesis: Aberrant Iron Metabolism and the Cotton Fur Abnormality Syndrome in Mink.
- Asa Clifford Thoresen, Corvallis
B.A., 1954, Emanuel Missionary College
M.A., 1958, Walla Walla College
Major: Zoology
First Minor: Plant Physiology
Second Minor: Entomology
Thesis: Breeding Behavior and Growth Rates of Cassin's Auklet *Ptychoramphus aleutica* (Pallas).
- Elisha Sevjit Tikasingh, San
Fernando, The West Indies
B.S., 1953, Eastern Nazarene College
M.A., 1955, Boston University
Major: Zoology
First Minor: Bacteriology
Second Minor: General Science
Thesis: Endoparasitic Gastropods of Puget Sound Holothurians.
- Ruth Towne, Philadelphia,
Pennsylvania
B.A., 1942, Phillips University
M.A., 1942, Phillips University
Major: Family Life
First Minor: Guidance
Second Minor: Religious Education
Thesis: Early Adjustment of Two and Three-year-old Children in Church Nurseries Under Different Induction Procedures.
- George Wendell Van Vechten III,
Metuchen, New Jersey
B.A., 1956, Rutgers University
M.S., 1957, Rutgers University
Major: Botany (Plant Ecology)
First Minor: Natural History
Second Minor: General Science
Thesis: The Ecology of the Timberline and Alpine Vegetation of the Three Sisters, Oregon.
- Louis Paul Varga, Portland
B.A., 1948, Reed College
M.S., 1950, University of Chicago
Major: Analytical Chemistry
First Minor: Inorganic Chemistry
Second Minor: Mathematics
Thesis: The Nature and Stabilities of the Fluocomplexes of Tantalum.
- Donald Benjamin Wilson, Lethbridge,
Canada
B.S., 1950, University of Alberta
M.S., 1954, Utah State University
Major: Farm Crops
First Minor: Botany
Second Minor: Statistics
Thesis: Competition Among Three Pasture Species Under Different Levels of Soil Nitrogen and Light Intensity.
- Robert Arnold Zimmerman, Corvallis
B.S., 1948, Purdue University
M.S., 1957, Oregon State College
Major: Bacteriology and Hygiene
First Minor: Zoology
Second Minor: General Science
Thesis: A Comparative Serological Investigation of Hemolytic Streptococcal Infections Within Institutionalized and Non-Institutionalized Groups.

Honorary Degrees

DOCTOR OF LAWS

Frank H Bartholomew, journalist and press association president, contributor to a broader understanding of international relations and responsibilities. Famed foreign correspondent who frequently forsakes his desk for front-line reporting of major news events anywhere in the world. Recipient of the Omar N Bradley award for distinguished contributions to national security as a war correspondent. Friend and counselor of countless statesmen as well as newspapermen. Communicator extraordinary who worked his way from the halls of Oregon State College to head United Press International, the world's largest independent news agency.

Harry Richard Wellman, outstanding alumnus of Oregon State College, agricultural economist and financial counselor, university administrator. Pioneer in agricultural extension; able and stimulating teacher; creative researcher and author. Keen analyst and man of judgment. Distinguished adviser to state, national, and foreign governments. Former chairman of the Federal Reserve Board of San Francisco. Past president of the Western and American Farm Economics Association. Director of the Gianinni Foundation. Vice president of Agricultural Sciences, and since 1958 vice president of the University of California.

Honors and Distinctions

Honor Societies

Phi Kappa Phi

Spring 1960

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 April 1960 as juniors, eligible for initiation during their senior year, and seniors and graduate students. Members of the Class of 1960 elected as juniors in April 1959 were listed in the program for the ninetieth Commencement.

JUNIORS

Judy Lynne Arnold
Kenneth Ralph Arnold
Mary Ann Ashley
Charles Donald Baker
David Bishop Bell
Kenneth John Bird
William Hooper Brown
Robert Max Cron
Sally Joanne Elden
David Richard Galligan
Charlotte Anne Gibson
Dale Leroy Harmer
David Owen Harris
Ralph Werner Hendrickson
Dickey Hitchcock

Richard Alex Jaenicke
Roger Pangborn James
Margaret May Johnson
Parshotam Singh Lall
Susan Frances Lindsay
Diane Vivian Lohman
Joseph Anthony Lukes
Mavis Louise Malbon
Ruth Marshall
Kenneth Donald Marx
Satoru Matsuda
John Stuart McAlpine
James Lyle McCormick
Lawrence Henry Merk
James Robert Morrow

Harold Yoshihiro Okamoto
Douglas Eugene Peterson
Michael George Poole
John Wilson Powell, Jr.
Stephen Kerron Prothero
Robert Leon Rettig
Lynna Kay Rife
Richard Eugene Roy
Ronald Takeo Shigeta
Anne Marie Shirley
Darlene Tamura
Joanna Beardsley Wadsworth
Sue Ann West

SENIORS

Annette Brugman Ahlers
John Charles Anderson
Marilyn Elsie Ashby
Sheryl Gaines Baker
Lillah Louise Ball
Keith Harland Banko
Judith Voorhies Barton
Ralph Hundley Bergstad
Martin Granville Boatwright
Donalea Mahan Brooks
Sarah Ann Bush
Hoy Fred Carman
Ward William Carson
Gail Gardner Carswell
Catherine Elizabeth Casper
Margaret Frances Causbie
Douglas Raymond Daniels
Maura Kathleen Deeney
Adelmer Ray Dodd
Anita Kay Eddington
Alan Morris Feuerwerker
Lawrence Everett Goodman
Frederick Allen Griffith
Lee Robert Grunden
Nancy Jo Gylland
Roy Gordon Haftorson, Jr.
Curtis Norman Harris

Anna Lamb Hawk
Kathy Ingle
Ronald Earl Kaiser
James Dana Kirkmire
Gerald Koch
Frederick Thomas Krogh
Marilyn Lee Kurtz
Courtney Robert Lantz
Frederick Bernhard Ledeboer
Teh Hwei Lee
Ellamae L. Pilzing Lenox
Jimmy Chi-ho Ling
Kathleen Rae Link
John Douglas MacWilliams
William Harry Massey
Weldon Stuart Meier
Constance Ann Meyer
Albert Enos Miller
Jack Eddie Nessen
Daniel Allen Neuhauser
Kenji Nishioka
Kenneth Ray Ostrom
Constantine Polymeropoulos
Patricia June Reser
Elsie LaRae Rhoads
Robertta Mae Roberts
Dennis Edwin Salvon

Daniel Frederick Schaaf
Stanton Allen Shipley
Richard Ernest Siemens
Anne Lovejoy Smith
Russell Allyn Smith
Judith Nadine Stadler
Donald Kenneth Stott
Sondra Lee Taylor
Jeanette Emma Thompson
Gregory Turnbull
Juliet Storrs Turner
Homer George Wadsworth, Jr.
Myrna Law Walker
Bob Gene Wall
Gustav Ernest Wendland
Neil Elliott West
Earl Robert Westberg
Dennis Burton Whitney
Janet Winkler
Jerry Lee Woolwine
Jacquelyn Rae Wright
Ronald Earl Wrolstad
Dale Erwin Wynn
Raymond Alfred Zalunardo
William Merle Ziniker

GRADUATES

Brian Drew Ainscough
Florence Millie Althen
Donald Louis Amort
Robert Ortiz Arias
Robert Eddie Brummett
Tsun-Tien Chao
Chung Wei Chow
Jack Leland Daniel
Patricia Deeney
Donald DeHalas
George Anthony Dubinski
Christen Theodore Dyrness
Kenneth Evenson
Fred Dean Fisher
Ernest Hugh Gardner

Paul Milnore Gruzensky
Richard Karl Hermann
Wilford Moser Hess
Marion Hills
Ernest Hodgson
Malathi Karuven
Marian Kienzle
Robert Lee Krahmmer
James Chester Looney
Prabhaker Lotlikar
Gerald Frank McGowan
Russell Mitchell
Frank Neuman
Carol O'Neill

Gary Arthur Pearson
Laura Mae Pernice
James Albert Pomerening
Luther Henry Robinson
Kalkunte S. Seshadri
Marilyn Smith
Glenn Raymond Stewart
Gertrude Swedberg
Ruth Town
Louis Varga
Patricia Walker
Norman Fred Weatherly
Peter Stanton Williams
Donald Benjamin Wilson

FACULTY

Walter Cyril Foreman

Esther Adelia Taskerud

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 1960

FULL MEMBERS

Lawrence Arthur Alban
Eva Mae Benson
John Ritchie Cowan
Don Richard deHalas
Margaret Ann Edwards
Robert L. Goulding, Jr.
Louie Thomas Hargett
George William Holmes
Machio Iwasaki
Dallas Eugene Jones
George Schneider Koch, Jr.
Arthur Malley

David Paul Moore
Hugh Hampson Nicholson
Fumio Okamoto
Austin Wyatt Pritchard
Louis Nelson Stone
Floyd Madison Stout
Gertrude Tank
Edward John Trione
Edgar Byron Vaisey
Conrad John Weiser
Muriel Josepha Woodring

ASSOCIATE MEMBERS

Robert Roy Allen
Ralph Lee Bain
Allan Burns Bartlett
John Alfred Beattie
Thomas Miles Beasley
Rajanikant P. Bhatt
Allan LeRoy Bieber
Solveig Hjørdis Bjerre
John Butts Bourke
David Merle Bowden
Robert Eddie Brummett
Daniel Dean Bullis
Stephen Dale Burton
Gary Lawrence Carlberg
David LaVere Carter
Daniel Wiggin Coble
Jogananda Das
Gerald Evert Davis
Maurice Andrew Dube
Noel David Eichhorn
Vera Helen Evenson
Drannan Carson Hamby
John Donald Hansen
Dianne Marie Hara
Frank Tatsuo Hara

Hideaki Robert Hikida
Lawrence Lee Humphreys
Ray Henry Kliever
Donald Edward Konicek
Robert Lee Krahmmer
Kenneth William Krueger
Dorris Alton Lillard
Joanne Lowry
Dale Richard McCullough
Charles David McIntire
Michael Newton
Ovart Nitidandhaprabhas
Robert Edwin Palmateer
Gary Arthur Pearson
Lorus Lee Purkerson
John Charles Ramsey
Umanath Yeshwant Rege
Lewis Hyde Schaad
Ralph Lane Seefeld
Dean Lee Shumway
Donald Edward Skoe
Kenneth Charles Swedberg
George Wendell Van Vechten
Norman Fred Weatherly
Donald Everett Wommack

Honors and Awards

JUNIOR HONORS—

Judy Lynne Arnold	David Owen Harris	Harold Y. Okamoto
Kenneth Ralph Arnold	David Marcel Hite	Michael George Poole
Mary Ann Ashley	Norma Jean Horrell	Stephen Kerron Prothro
Charles Donald Baker	Hing-Sum Hung	Robert Leon Rettig
James Lewis Beard	Richard Alex Jaenicke	Richard Eugene Roy
David Bishop Bell	Roger Pangborn James	Sally Mae Santee
Burton G. Bennett	Carroll Joan Johnson	Ronald Takeo Shigeta
Kenneth John Bird	Jerry Lee Joyner	Linda Streamer
Janice M. Buhlinger	Susan Frances Lindsay	Darlene Shizuyo Tamura
Terry William Copley	Diane Vivian Lohman	Juliet Storrs Turner
Robert Max Cron	Tow Edward Kar-Wai Lok	Joanna Beardsley Wadsworth
Karl Douglas Cummings	Alice M. Lowell	David Bruce Walker
Donna McCoy Fleming	Mavis Louise Malbon	Ken Frederic Weleber
David Richard Galligan	John Stuart McAlpine	Sue Ann West
Ronald Kent Gannon	James Lyle McCormick	Ardis Ada Williams
Dale Leroy Harmer	Lawrence Henry Merk	

Conferred by the Oregon State Chapter of Phi Kappa Phi on students who have completed at least 45 term hours of sophomore work at Oregon State College with a grade-point average of at least 3.50.

E.A. CUMMINGS AWARDS—

<i>Freshman First Honor:</i> David Clague Oehling	<i>Junior First Honor:</i> Richard Alex Jaenicke
<i>Honorable Mention:</i> Larry Washburn Hirons Michael Gene Parsons	<i>Honorable Mention:</i> Robert Leon Rettig Kenneth Donald Marx
<i>Sophomore First Honor:</i> Clifford Wayne Hunter	<i>Senior First Honor:</i> Louis Joseph Snyder
<i>Honorable Mention:</i> Lawrence Richard Cron Roger Edward Holtz	<i>Honorable Mention:</i> Gary Lee Moore Daniel Odell Oldfather

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.

CLARA H. WALDO AWARDS—

<i>Freshman First Honor:</i> Patricia Ann Barr	<i>Junior First Honor:</i> Charlotte Ann Gibson
<i>Honorable Mention:</i> Joy Margaret Brown Susan Lynne Gill	<i>Honorable Mention:</i> Mavis Louise Malbon Diane Vivian Lohman
<i>Sophomore First Honor:</i> Leora Gwen Connarn	<i>Senior First Honor:</i> Virginia Jean Wood
<i>Honorable Mention:</i> Judith Ann Baker Ruth Ann Marshall	<i>Honorable Mention:</i> Kathleen Rae Link Marilyn Swanson

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.

LIPMAN WOLFE AWARDS—

<i>Sophomore First Honor:</i> Ernestine Harriett Sherman	<i>Honorable Mention:</i> Stephen Kerron Prothro James Lyle McCormick
<i>Honorable Mention:</i> Barbara Suzanne Goeller Allison Blakely	<i>Senior First Honor:</i> Theodore Kiichiro Sakano
<i>Junior First Honor:</i> Judith Lynne Arnold	<i>Honorable Mention:</i> Susan Lee Jameson George Eyre Andrews

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.....Elaine Marlys Kleven

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.....Wilmer Hafford Post, Michael Erwin Ranslam,
 Scott Thurston Rickard, Louis Joseph Snyder, Charles Raymond Wenstrom
 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 College;
 in honor of Dr. U. G. Dubach, dean of men, 1913-1947; names are inscribed on plaque in
 foyer of Library.

BEATRICE HAMILTON AWARDS.....*Freshman*: Sharon Helene Stevenson
Sophomore: Brian Richard Busch
 \$50 each to a freshman and a sophomore (man or woman) who are one-half self-support-
 ing and who are adjudged to be making most purposeful progress toward useful and active
 citizenship; a memorial to Beatrice Hamilton, mother of W. D. Hamilton, '15.

MACKENZIE BLUE KEY MEMORIAL AWARD.....Scott Thurston Rickard
 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 institu-
 tion. Cash and plaque.

DRUCILLA SHEPARD SMITH AWARD.....Juliet Storrs Turner
 Income from \$500 to the senior woman having highest scholastic standing during the eight
 terms preceding her selection for this award; not given to any student who receives another
 award during the same year; a memorial to Drucilla Shepard Smith, formerly of Polk
 County, Oregon, established by her son, Mr. John E. Smith, '02.

School of Science

AMERICAN INSTITUTE OF CHEMISTS.....Robert S. Strebin
 MERCK AND COMPANY AWARDS.....Mark Harry Krackov, Chuan Pu Lee
 PHI LAMBDA UPSILON AWARD.....Sandra Kay Buxton, Bonnie Jean Bosco
 PHI SIGMA AWARD.....*Graduate*: Conrad John Weiser
Undergraduate: Judy Lynne Arnold
 PI MU EPSILON AWARDS.....Paul Frederick Hudrlik, Botond Gabor Eross
 SIGMA PI SIGMA AWARD.....Stephen M. Henning

School of Humanities and Social Sciences

ALPHA CHI OMEGA AWARD.....Elverne Margaret Bennett
 BAROMETER AD TROPHY.....Richard Charles Petrone
 BAROMETER AWARD.....*Honorable mention*: Barbara Barrett Wallace
 CLAUDE E. INGALLS AWARD.....Charles Raymond Wenstrom
 1960 JOURNALISM AWARD.....Mary Jo Bailey
 "PROF MAC" MEMORIAL PLAQUE.....Janet Elizabeth Fisher, Donald Raymond Michael
Honorable mention: Richard Norman Colby, Francis Titus Rothauge
 SIGMA DELTA CHI SCHOLARSHIP AWARD.....Phyllis Elizabeth Kirkland
 SIGMA DELTA CHI CITATION.....Edwin Kurt Engelstad
 SIGMA DELTA CHI AWARDS OF MERIT.....Mary Jo Bailey, Michael Erwin Ranslam,
 James Wendell Van Loan, Glenla Kay Ely
 SIGMA DELTA PI SPANISH AWARD.....Judith M. Palmberg, Juliet S. Turner

School of Agriculture

ALPHA GAMMA RHO FRESHMAN AWARD.....Kenneth Hildebrand
 ALPHA ZETA SCHOLARSHIP CUP.....Myron E. Miles
 BURPEE AWARD IN HORTICULTURE.....Donald L. Kleczynski
 HANSON AWARD.....Siegfried S. Mahn
 HORTICULTURE CLUB AWARD.....Donald E. Tooke
 NORTHWEST CANNERS AND FREEZERS ASSOCIATION
 AWARD.....Dorothy J. Scholz
 BEN W. RODENWOLD AWARD.....Pierre G. Carr, Joseph V. Colvin,
 Michael L. Harms, Gene H. Belt, Harris H. Hansen

School of Home Economics

VIVIAN A. BERG AWARD.....	Janet Reilly
WILLIAM H. DANFORTH LEADERSHIP TRAINING AWARD.....	Reata Macy
WILLIAM H. DANFORTH SUMMER FELLOWSHIP.....	1959: Charlotte Kofford 1960: Judy Johnson
JOHNSON AWARD.....	Jean Penrose
HOME ECONOMICS CLUB INTERNATIONAL FRIENDSHIP AWARD.....	Amal Najjar
K. ETHEL LATHROP AWARD.....	Suzanne Lozier
LEE AWARD.....	Barbara Bieler
HOME ECONOMICS FRESHMAN AWARD.....	Patricia Barr
OMICRON NU PLAQUE.....	Kathy Ingle
CHARLES A. PFIZER AND COMPANY AWARD.....	1959: Annette Ahlers 1960: Constance Meyer
ELEANOR TRINDLE MEMORIAL AWARD.....	Mary Klock

School of Pharmacy

BRISTOL LABORATORIES AWARD.....	Arle Z. Scott
KAPPA PSI AWARD.....	John C. Kula
LAMBDA KAPPA SIGMA SCHOLARSHIP KEY.....	Marilyn L. Kurtz
McKESSON AND ROBBINS AWARD.....	Ray J. Wong
McKESSON AND ROBBINS PRESIDENTIAL PLAQUE.....	Charles R. Harrison
MERCK AND COMPANY AWARDS.....	Pharmacy: Walter K. Stoefler Pharmaceutical Chemistry: Richard L. Bunt
OREGON BRANCH, AMERICAN PHARMACEUTICAL ASSOCIATION AWARDS.....	Robert L. Mote, Roger A. Gunson
PORTLAND RETAIL DRUGGISTS' ASSOCIATION PLAQUE.....	John C. Kula
REXALL TROPHY.....	Lawrence W. Chew
RHO CHI AWARD.....	David B. Bell

ARMY RESERVE OFFICERS TRAINING CORPS AWARDS

DISTINGUISHED MILITARY GRADUATES.....	Cadet Captain Leon R. Arnoldi, Cadet Lt. Col. Harley B. Blankenship, Cadet First Lt. John K. Bosking, Cadet Captain Cecil W. Elder, Cadet First Lt. Lawrence E. Goodman, Cadet First Lt. James M. Goodrich, Cadet Captain James B. Gordon, Cadet First Lt. Eldon H. Graham, Cadet Lt. Col. Joe H. Griggs, Cadet Captain Larry C. Heaton, Cadet Captain Sheldon E. Johnson, Cadet Colonel Joseph W. Johnston II, Cadet Captain C. Bradley Krueger, Cadet Captain James A. Langley, Cadet Colonel Gary O. Lozier, Cadet Captain Raymond D. Michels, Cadet Lt. Col. Michael E. Moore, Cadet Captain Junius I. Tanner, Cadet Captain Walter T. Tomihiro, Cadet Second Lt. George J. Turner, Cadet First Lt. David D. Wecker, Cadet First Lt. Lloyd D. Werner, Cadet First Lt. Robert J. Womack, Cadet First Lt. John L. Woodside.
ASSOCIATION OF THE UNITED STATES ARMY MEDAL.....	Cadet Sergeant First Class Richard A. Seideman (Artillery) Cadet Sergeant First Class Rowan C. Hinds (Signal Corps)
ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION MEDAL.....	Cadet First Lt. Eldon H. Graham (Signal Corps)
SOCIETY OF AMERICAN MILITARY ENGINEERS MEDAL.....	Cadet Lt. Col. R. Romer Adolf (Senior) Cadet Sergeant First Class Thane R. Brown (Junior)

- SOCIETY OF AMERICAN MILITARY ENGINEERS
AWARD.....Cadet Captain C. Bradley Krueger (Senior)
- AMERICAN LEGION ACHIEVEMENT
MEDAL.....Cadet Lt. Col. Michael E. Moore (Artillery)
- DAUGHTERS OF THE AMERICAN REVOLUTION
MEDAL.....Cadet First Lt. Douglas H. Bashor (Infantry)
- BENJAMIN H. NICHOLS MEMORIAL
AWARD.....Cadet Second Lt. Robert L. Gragg (Infantry)
Cadet Sergeant Major Ronald H. Koga (Signal Corps)
- DEPARTMENT OF OREGON, RESERVE OFFICERS ASSOCIATION
MEDAL.....Cadet Colonel Joseph W. Johnston II (Infantry)
- DEPARTMENT OF OREGON, RESERVE OFFICERS ASSOCIATION
AWARD.....Cadet Lt. Colonel Michael E. Moore (Artillery)
Cadet Lt. Colonel Dennis W. Adams (Artillery)
Cadet Lt. Colonel R. Romer Adolph (Engineer)
Cadet Captain C. Bradley Krueger (Engineer)
Cadet Lt. Colonel Daniel R. Clinton (Infantry)
Cadet Captain Raymond D. Michels (Infantry)
Cadet Captain Walter T. Tomihiro (Infantry)
Cadet First Lt. Eldon H. Graham (Signal Corps)
Cadet Captain Sheldon E. Johnson (Signal Corps)
- SONS OF THE AMERICAN REVOLUTION
MEDAL.....Cadet Lt. Col. Dennis W. Adams (Artillery)
Cadet Captain Leon R. Arnoldi (Engineer)
Cadet Lt. Col. Daniel R. Clinton (Infantry)
Cadet Lt. Col. Joe H. Griggs (Signal Corps)
- SUPERIOR CADET RIBBON
AWARD.....Cadet Colonel Joseph W. Johnston II (Infantry Senior)
Cadet Sergeant First Class Thane R. Brown (Engineer Junior)
Cadet Sergeant Jerome J. Jacoby (Sophomore)
Cadet Private First Class Larry W. Hiron (Freshman)
- SCABBARD AND BLADE MEDALS.....Cadet Sergeant Jerome J. Jacoby (Sophomore)
Cadet Private First Class Larry W. Hiron (Freshman)
- SCABBARD AND BLADE
RIBBONS.....Cadet Corporal Daniel R. Grischkowsky (Sophomore)
Cadet Private First Class Robert W. McCoy (Sophomore)
Cadet Corporal Michael T. Propst (Sophomore)
- SCABBARD AND BLADE
RIBBONS.....Cadet Private First Class William B. Barnett (Freshman)
Cadet Private First Class William A. Mauer (Freshman)
Cadet Private Curtis Mikkelsen (Freshman)
- PERSHING RIFLES FOURRAGERE.....Cadet Corporal John K. McGuire (Sophomore)
Cadet Private George Y. Motonaga (Freshman)
- RIFLE TEAM AWARDS—
High Aggregate Award.....Cadet Sergeant David E. Sullivan (Infantry)
High Standing Award.....Cadet Sergeant David E. Sullivan (Infantry)
Team Member Award.....Cadet First Sergeant Weldon M. Griggs (Infantry)
Cadet Sergeant David E. Sullivan (Infantry)
Cadet Private First Class Howard D. Koozer (Sophomore)
Cadet Private Gary L. Eaton (Sophomore)
Cadet Private Edward T. Hausafus (Freshman)
- HEARST NEWSPAPER AWARDS.....Cadet First Sergeant Weldon M. Griggs (Infantry)
Cadet Sergeant David E. Sullivan (Infantry)
Private First Class Howard D. Koozer (Sophomore)
Staff Sergeant John H. Lenox, Jr. (Infantry)
First Lt. Roy K. Murakami (Infantry)
- SIXTH UNITED STATES ARMY RIFLE TEAM
AWARDS.....Cadet First Sergeant Weldon M. Griggs, Jr. (Infantry)
Cadet Sergeant David E. Sullivan, Jr. (Infantry)
Cadet Private Gary L. Eaton (Sophomore)
Cadet Private First Class Howard D. Koozer (Sophomore)
Cadet Private Edward T. Hausafus (Freshman)
Cadet First Lt. Roy K. Murakami (Infantry)
Private David F. Miller (Freshman)
Private K. Victor Koski (Freshman)
Staff Sergeant John H. Lenox, Jr. (Infantry)
Private Loren L. McClure (Sophomore)
- THE ROY C. WILLIAMS TROPHY.....Cadet Private Gary L. Eaton (Sophomore)

OREGON STATE GUARD AWARD—

Freshman Marksmanship Award.....Cadet Terry W. Baker
Junior Marksmanship Award.....Cadet First Sergeant Weldon M. Griggs (Infantry)
Junior Drill Competition Award.....Cadet Second Lt. Robert L. Gragg (Infantry)

AIR FORCE RESERVE OFFICERS TRAINING CORPS AWARDS

DISTINGUISHED AIR GRADUATES.....Dennis P. Greenwood, William L. Reiersgaard
 AIR FORCE ASSOCIATION SILVER MEDAL AWARD.....Gustav E. Wendland
 AIR FORCE ACHIEVEMENT MEDAL.....Russell R. Maddox
 ARMED FORCES COMMUNICATIONS AND ELECTRONICS
 ASSOCIATION MEDAL.....Gustav E. Wendland
 AMERICAN LEGION ACHIEVEMENT MEDAL.....Edwin K. Engelstad
 CHICAGO TRIBUNE GOLD MEDAL AWARDS.....Dennis P. Greenwood,
 William L. Reiersgaard
 CHICAGO TRIBUNE SILVER MEDAL AWARDS.....Paul H. Menke,
 Russell R. Maddox
 BENJAMIN H. NICHOLS AWARD OF MERIT.....Frederick M. Gump,
 Clayton N. Smith
 CONVAIR CADET AWARD.....Bruce R. Johnson, Michael E. Mulligan
 OREGON SONS OF THE AMERICAN REVOLUTION AWARD.....Dale E. Johnson
 DEPARTMENT OF OREGON, RESERVE OFFICERS ASSOCIATION
 MEDAL.....William L. Reiersgaard
 DEPARTMENT OF OREGON, RESERVE OFFICERS ASSOCIATION
 AWARD.....Dennis P. Greenwood, Gustav E. Wendland
 THE ORDER OF SILVER WINGS MEDAL.....*Sophomore*: Lawrence R. Cron
 (Roger M. Erickson Award) *Freshman*: Orlin F. Van Dyke
 THE ORDER OF SILVER WINGS FOURRAGERE.....*Sophomore*: Stephen F. Altick
Freshman: Ronald R. Grant
 SCABBARD AND BLADE MEDAL.....*Sophomore*: Gary L. Kvalheim
Freshman: Terry R. Freund
 SCABBARD AND BLADE RIBBONS.....*Sophomores*: Stephen F. Altick,
 Roger A. Schwab, Richard P. Porter
Freshmen: Dave C. Oehling, Paul E. Reimers, Richard K. Lundgren
 ARNOLD AIR SOCIETY AWARD.....Robert J. Lovretlich

NAVY RESERVE OFFICERS TRAINING CORPS AWARDS

H. D. POWELL RIFLE TROPHY MATCH (*1st Place*) Northwest NROTC
 Rifle Competition (U of W, U of I, OSC).....R. E. Joost, S. R. Crane,
 R. C. Barnard, D. M. Gallaher, D. E. Weisgerber
 PACIFIC COAST NROTC RIFLE MATCH TROPHY (*1st Place*) Pacific
 Coast NROTC Rifle Competition (U of W, U of I, OSC, U of C,
 Stanford, UCLA, USC, U of Utah).....R. C. Barnard, S. R. Crane,
 J. A. House, Jr., J. K. Hanlein, D. E. Weisgerber
Third High Individual Score.....J. A. House, Jr.
 THE CARTER AWARD—
 Awarded to ROTC Unit with highest team score.....R. C. Barnard, S. R. Crane,
 J. K. Hanlein, J. A. House, Jr., G. W. Erb
 BENTON AND LINN COUNTY SHERIFF'S POSSE RIFLE TEAM AWARD—
High Aggregate Award.....R. C. Barnard
High Standing Award.....D. E. Weisgerber
Membership Award.....S. R. Crane, R. E. Joost,
 J. A. House, Jr., G. W. Erb, J. K. Hanlein

WILLIAM RANDOLPH HEARST NAVAL ROTC RIFLE CHAMPIONSHIP TROPHY National NROTC Rifle Competition Individual High Score.....	R. E. Joost
DICK LINDEN RIFLE TROPHY.....	R. C. Barnard
NORTHWEST NROTC DRILL TEAM COMPETITION.....	E. A. Harris, Commander
CERTIFICATE FOR SQUAD EXCELLENCE.....	R. T. Shigeta
CERTIFICATE FOR PLATOON EXCELLENCE.....	C. K. Yim
CERTIFICATE FOR COMPANY EXCELLENCE.....	R. C. Berreman
NAVAL ROTC UNIT AWARD.....	D. R. Johnson
NAVAL ROTC STAFF AWARD.....	D. J. Caird
PROFESSOR OF NAVAL SCIENCE AWARD.....	L. R. Anderson
UNITED STATES NAVAL INSTITUTE AWARD.....	G. B. Carleton, J. M. Ross
MARINE CORPS GAZETTE AWARD.....	W. K. Worrell
SCABBARD AND BLADE SILVER MEDAL.....	F. J. Yraguen
SCABBARD AND BLADE BRONZE MEDAL.....	M. G. Parsons
RED CROSS TROPHY.....	K. A. Tobin, Commander
WINEMA CHAPTER DAUGHTERS OF THE AMERICAN REVOLUTION AWARD.....	M. G. Parsons
DIAMOND SHOP AWARD.....	W. W. Rider
CONVAIR AWARD OF MERIT.....	J. K. Hanlein
CITIZENSHIP MEDAL.....	T. A. White
BENJAMIN H. NICHOLS MEMORIAL AWARD.....	R. T. Shigeta, E. A. Harris, Jr.
PORTLAND COUNCIL NAVY LEAGUE OF THE UNITED STATES AWARD.....	T. A. White
AMERICAN LEGION ACHIEVEMENT MEDAL.....	D. O. Oldfather
SOCIETY OF AMERICAN MILITARY ENGINEERS AWARD.....	D. O. Oldfather
OREGON SOCIETY SONS OF THE AMERICAN REVOLUTION AWARD.....	R. C. Berreman
DEPARTMENT OF OREGON RESERVE OFFICERS ASSOCIATION AWARDS.....	K. A. Tobin, D. R. Johnson, R. C. Berreman, G. B. Carleton

REGIONAL AND STATE FORENSIC HONORS

STATE PEACE ORATORICAL CONTEST, University of Oregon, February 23, 1960.....	First place: Beverly Ann Burgoyne
MEN'S STATE OLD LINE ORATORICAL CONTEST, University of Portland, May 5, 1960.....	First place: Robert Wayne Russell
WOMEN'S STATE OLD LINE ORATORICAL CONTEST, University of Portland, May 5, 1960.....	First place: Harriett Susan Palmer
WOMEN'S STATE EXTEMPORE SPEAKING CONTEST, Lewis and Clark College, December 9, 1959.....	First place: Beverly Ann Burgoyne
SENIOR WOMEN'S ORATORICAL CONTEST OF THE NORTHWEST INVITATIONAL TOURNAMENT, Linfield College, March 5, 1960.....	First place: Beverly Ann Burgoyne
WOMEN'S INTERVIEW CONTEST OF THE NORTHWEST INVITATIONAL TOURNAMENT, Linfield College, March 5, 1960.....	First place: Margo Rae Fellman
WOMEN'S VISUAL AID CONTEST OF THE NORTHWEST INVITATIONAL TOURNAMENT, Linfield College, March 5, 1960.....	First place: Joan Lee Kallberg
WOMEN'S ORATORICAL CONTEST OF THE TAU KAPPA ALPHA INVITATIONAL TOURNAMENT, University of Montana, April 30, 1960.....	First place: Jan Marie Marquiss

- SENIOR ORATORICAL CONTEST OF THE INVITATIONAL TOURNAMENT,
University of Puget Sound,
February 13, 1960.....*First place:* Beverly Ann Burgoyne
- SENIOR AFTER-DINNER SPEAKING CONTEST OF THE INVITATIONAL
TOURNAMENT, University of Puget Sound,
February 13, 1960.....*First place:* Beverly Ann Burgoyne
- PACIFIC FORENSIC LEAGUE ORATORICAL CONTEST, Stanford University,
April 6, 1960.....*Second place:* Robert Wayne Russell
- STATE EXPERIMENTAL SPEAKING CONTEST, University of Oregon,
February 23, 1960.....*Second place:* Thomas Osborne Schooley
- ORATORICAL CONTEST OF THE DELTA SIGMA RHO AND TAU KAPPA ALPHA
GREAT WESTERN TOURNAMENT, University of Nevada,
April 9, 1960.....*Second place:* Robert Wayne Russell
- SENIOR MEN'S IMPROMPTU SPEAKING CONTEST OF THE NORTHWEST
INVITATIONAL TOURNAMENT, Linfield College,
March 5, 1960.....*Second place:* Thomas Osborne Schooley
- SENIOR WOMEN'S LINCOLN DOUGLAS DEBATE CONTEST OF THE
NORTHWEST INVITATIONAL TOURNAMENT, Linfield College,
March 5, 1960.....*Second place:* Margo Rae Fellman
- WOMEN'S DEBATE CONTEST OF THE TAU KAPPA ALPHA INVITATIONAL
TOURNAMENT, University of Montana,
April 29, 1960.....*Second place:* Joan Lee Kallberg, Diane Mabel Dietrich
- WOMEN'S ORATORICAL CONTEST OF THE TAU KAPPA ALPHA
INVITATIONAL TOURNAMENT, University of Montana,
April 30, 1960.....*Second place:* Margo Rae Fellman
- JUNIOR DISCUSSION CONTEST OF THE INVITATIONAL
TOURNAMENT, University of Puget Sound,
April 13, 1960.....*Second place:* Dale Donald Foresee
- THIRD PLACE FOR SWEEPSTAKES TROPHY OF THE TAU KAPPA ALPHA
INVITATIONAL TOURNAMENT, University of Montana,
April 30, 1960.....*Point winners:* Jan Marie Marquiss, Diane Mabel Dietrich,
Joan Lee Kallberg, Margo Rae Fellman,
Robert Wayne Russell, Beverly Jean Bower
- PACIFIC FORENSIC LEAGUE EXTEMPORE SPEAKING CONTEST,
Stanford University,
April 6, 1960.....*Third place:* Thomas Osborne Schooley
- MEN'S STATE EXTEMPORE SPEAKING CONTEST, Lewis and Clark College,
December 9, 1959.....*Third place:* Thomas Osborne Schooley
- JUNIOR WOMEN'S LINCOLN-DOUGLAS DEBATE CONTEST OF THE
NORTHWEST INVITATIONAL TOURNAMENT, Linfield College,
March 5, 1960.....*Third place:* Diane Mabel Dietrich
- MEN'S INTERVIEW CONTEST OF THE NORTHWEST INVITATIONAL
TOURNAMENT, Linfield College,
March 5, 1960.....*Third place:* Dale Donald Foresee
- MEN'S ORATORICAL CONTEST OF THE TAU KAPPA ALPHA
INVITATIONAL TOURNAMENT, University of Montana,
April 30, 1960.....*Third place:* Robert Wayne Russell
- WOMEN'S ORATORICAL CONTEST OF THE TAU KAPPA ALPHA
INVITATIONAL TOURNAMENT, University of Montana,
April 30, 1960.....*Third place:* Beverly Jean Bower
- WOMEN'S EXTEMPORE SPEAKING CONTEST OF THE TAU KAPPA ALPHA
INVITATIONAL TOURNAMENT, University of Montana,
April 30, 1960.....*Third place:* Diane Mabel Dietrich
- SENIOR INTERPRETATION CONTEST OF THE INVITATIONAL TOURNAMENT,
University of Puget Sound,
April 13, 1960.....*Third place:* Beverly Ann Burgoyne
- JUNIOR MEN'S DEBATE CONTEST OF THE INVITATIONAL TOURNAMENT,
University of Puget Sound,
April 13, 1960.....*Third place:* Robert Burton Hardin,
Wallace Duane Cegavske
- JUNIOR WOMEN'S ORATORICAL CONTEST OF THE INVITATIONAL
TOURNAMENT, University of Puget Sound,
April 13, 1960.....*Third place:* Janice LaVerne Nelson
- PACIFIC FORENSIC LEAGUE DISCUSSION CONTEST, Stanford University,
April 6, 1960.....*Superior rating:* Thomas Osborne Schooley
- FORENSIC DIRECTORS' AWARD.....Beverly Ann Burgoyne

Scholarships and Fellowships

GRADUATE FELLOWSHIPS

CROWN ZELLERBACH FELLOWSHIP.....	Gary L. Carlberg
DOW CHEMICAL COMPANY FELLOWSHIP.....	Franklin D. Stevenson
DU PONT POSTGRADUATE TEACHING ASSISTANTSHIP IN CHEMISTRY.....	James H. Russell
JOHNSON RESEARCH FELLOWSHIP.....	Virgil J. Norton, James A. Rock
MARY J. L. McDONALD FELLOWSHIP IN FORESTRY.....	Charles DeRidder, Paul E. Hailey, Joseph D. Kasile, Robert W. Madison, Kenneth Meyer, Michael Newton, Jerry Franklin, Jack V. Thirgood
NATIONAL SCIENCE FOUNDATION FELLOWSHIP.....	Richard M. Newton
COLONEL W. B. GREELEY FELLOWSHIP.....	Douglas P. Richards
HYSLOP AGRICULTURAL RESEARCH FELLOWSHIP.....	Richard H. Hart
SHELL OIL COMPANY FELLOWSHIP.....	Robert E. Wilson
SOUTH SANTIAM EDUCATIONAL AND RESEARCH PROJECT FORESTRY FELLOWSHIPS.....	James R. Howland, Donald E. Wommack
STANDARD OIL COMPANY OF CALIFORNIA GRADUATE FELLOWSHIP.....	Charles O. Morris
UNITED STATES PLYWOOD CORPORATION FELLOWSHIP.....	Joseph D. Kasile
WEYERHAEUSER FELLOWSHIPS IN FOREST MANAGEMENT.....	Dick W. Berry, Jack V. Thirgood

UNDERGRADUATE SCHOLARSHIPS

AMERICAN MARIETTA CUSTOMERS SCHOLARSHIPS.....	David D. Coughenower Jane Whitcomb	
ASSOCIATED INDEPENDENT STUDENTS SCHOLARSHIPS.....	<i>Fall Term:</i> Barbara Ann Cole <i>Winter Term:</i> Janet V. Atkins <i>Spring Term:</i> Allison Blakely	
ASSOCIATED WOMEN STUDENTS SCHOLARSHIP.....	Anne L. Bougher	
BASH SCHOLARSHIP.....	Sharon H. Stevenson	
CENTURY CLUB SCHOLARSHIP.....	James D. Wagner	
COLLEGE FOLK CLUB SCHOLARSHIP.....	George E. Andrews	
COLLINS SCHOLARSHIPS.....	Joan Kallberg, Joan Seehafer, Nancy Shadley, Janelle M. Thomas, Bruce L. Thompson	
BERNARD DALY EDUCATIONAL FUND SCHOLARSHIPS—		
Judith K. Adams	Janice Hammersley	Margaret M. Schadler
Kirk Anderson	Duane Haven	Judith Ann Snider
David Augustine	Anna Rose Hawk	Elizabeth Tracy
Judith L. Brown	Ronald Hawk	Marvin Tyler
Kathleen Colahan	Darlene C. Johnson	Philip E. Wilbur
Raymond Frank	Gayle M. Jones	
Barbara Freeman	George Manning	
DELTA DELTA DELTA SCHOLARSHIPS.....	Shirley Kononen, Carole McFarland	
DOUGLAS COUNTY HOME EXTENSION SCHOLARSHIP.....	Sheila A. Shirtcliff	
HECKART SCHOLARSHIPS.....	Jack Mattison, Mitsura Tamura	
HOLMES SCHOLARSHIP.....	Dale Lee Casey	

INTERFRATERNITY COUNCIL SCHOLARSHIPS.....David E. Adams, Norman Ando,
Gary Lee Breneman, Dwight R. Levere, Owen Snyder,
Cliff Stephenson, Theodore Vandecoeveering

INTERHALL SCHOLARSHIPS.....*Sackett*: Beverly Burgoyne;
Snell: Sharon McGrath, Marjorie A. Parsons, Katherine Smith

LEONORA H. KERR—FOLK CLUB SCHOLARSHIP.....Jan Marquiss

OREGON STATE COLLEGE DADS CLUB GRANTS—

Gary Anderson	Shirley Gilmore	Arlene Rybloom
Patricia Anderson	Maridel M. Matheny	Cheryl Stephens
Ray R. Bramhall	Norman Olson	Jon Woodside
Elizabeth Gessford		

OREGON STATE COLLEGE DADS CLUB SCHOLARSHIPS—

Donald R. Andrews	Kenneth J. Bird	Mavis Malbon
Chancy E. Ball	Judith A. Gunderson	Keith W. Miles
David B. Bell	Shirley C. Kononen	

OREGON STATE COLLEGE EDUCATIONAL FOUNDATION, INC.
SCHOLARSHIPS.....Botond G. Eross, Judith K. Wakefield

OREGON STATE COLLEGE FOUNDATION—

Judith A. Baker	Robert Semon	Bob Winkel
Constance Hemminger	Marilyn Smith	
Donald A. Knotts	Kenneth Weleber	

OREGON STATE COLLEGE MOTHERS CLUB SCHOLARSHIPS—

Robert A. Aaserude	Donald G. Johansen	Wanda Sue Lewis
Darlene Aho	Lloyd Jones	Myrna J. Pershall
Richard E. Bancroft	Ronald E. Kaiser	Gary Sampson
Maralee Chisholm	Ellen Kan	Arlie L. Scott
Joyce Drayton	Larry A. Knudson	Ernestine H. Sherman
Don E. Ehrlich	Richard L. Kononen	Walter K. Stoeffler
Alvin L. Evans	Delores Krauss	Daniel M. White
Norman R. Franzen	Charles W. Laythe	Velma A. White
Donald C. Fuhr		

PAPER INDUSTRY MANAGEMENT ASSOCIATION
SCHOLARSHIP.....James McCormick

SCABBARD AND BLADE SCHOLARSHIPS.....*Air Force*: Darel L. Fort;
Army: James D. Kirkmire;
Navy: William Worrell

SOUTH SANTIAM EDUCATIONAL AND RESEARCH
FOUNDATION.....Carol M. Chrisman, Nancy E. Davis, Margaret R. Gates,
Robert E. Jones, Fred T. Krogh, Mary Merzenich,
Fredda Rowley, Vernon Vorderstrasse, Kathleen G. Welborn

STATE SCHOLARSHIPS—*Partial tuition and fees awarded by State Scholarship Com-*
mission

Nancy C. Albin	Alex D. Beltz	William Bryant
Robert Albright	Edward G. Bennett	Richard F. Buchanan
Joann V. Aldahl	Gloria K. Bentley	Jeannine Burch
Keith R. Alrick	Leaone Berger	Joan M. Burgoyne
John R. Anderson	Sue A. Bergstrom	Thomas Burnett
Larry Anderson	James R. Berry	Beverly S. Butts
Pauline B. Anderson	Lola A. Bessey	Sandra Buxton
Susan M. Anderson	Barbara A. Bieler	Sharon S. Calder
Arnold P. Andres	Marycile E. Bieler	Kenneth Caldwell
Guy A. Armantrout	Donna Biggs	Donel M. Cates
Neil Armantrout	Richard J. Bjelland	Lyle Chaffee
Diann Arstill	James K. Black	Jean G. Chin
Katherine M. Astava	Mary C. Blacker	Thomas C. Christian
Judith D. Atwood	Judith E. Blair	Allen Clancy
Robert L. Baker	Susan M. Boennighausen	Carol R. Clark
Robert Baldock	Janet D. Bokemeier	Norman J. Clark
Robert A. Ballin	Jean E. Bonney	Thomas S. Clevenger
Ramon M. Barnes	Gordon Boozer	Robert W. Clore
Patricia A. Barr	Donald R. Borjesson	Patricia Coates
Richard A. Bartch	Penny F. Bothwell	Michael P. Cole
Judith V. Barton	Helen M. Bowman	Sydney D. Coleman
Susan Baumgartner	Charles W. Boyd	Charles Conlee
Edward Bayliss	John Brady	James F. Conley
John D. Beard	Joy M. Brown	Leora G. Connarn
Evelyn J. Becker	Richard L. Brown	Roy S. Cook
Barbara Beehler	Shelby I. Branch	Terry W. Copley
Beatrice Belt	Evelyn K. Britton	Carolyn J. Courter

Robie Creswell
 Patricia A. Culver
 Velma Dalton
 Richard A. Day
 Richard Demers
 Harry L. Demorest
 Janet R. Derry
 Dianne Dietrich
 Edward Dimmick
 Patricia A. Dixon
 Johanna M. Dobrot
 Floyd Dominick
 Charlotte A. Donaldson
 Yvonne Dooley
 Carol Doty
 Margaret C. Dougherty
 Gladys L. Douthit
 Janet A. Drager
 Sharon L. Drazdoff
 Sara J. Duncan
 Stuart A. Eide
 Richard G. Elliott
 Elizabeth L. Elmstrom
 Wayne R. Fields
 Janet E. Fisher
 Stevan Flug
 Robert J. Fossholm
 Frederick M. Foster
 Susan L. Gill
 Dorothy Gimbol
 Sandra L. Goode
 Lloyd R. Gooding
 Janet Gordon
 Donald L. Graves
 Loretta Gray
 Raymond W. Green
 Phillip M. Gregg
 Susan J. Griggs
 Daniel Grischkowsky
 Patricia R. Guiley
 Nancy J. Gylland
 Earl A. Hadfield
 Robert W. Haffner
 Sheila M. Haggerty
 James K. Hall
 Carol M. Hansen
 Joanne R. Hansen
 Lynn Hargreaves
 Dale L. Harmer
 Wesley E. Harrison
 Lavon Heiden
 Charles H. Henderer
 Stephen M. Henning
 David M. Hite
 Lynne Hoffman
 Sandra Hope
 Judith K. Howard
 Janice K. Howe
 Keith L. Hull, Jr.
 Gary L. Hundley
 Peggy L. Huston
 Larry V. Hyder
 Susan C. Jackson
 Paul E. Jarvis
 Ellen L. Jeffreys
 Dennis L. Johnson
 Mary H. Johnson
 Vernon D. Johnson
 Janet Jones
 Lynette Jones
 Robert E. Jones
 Sandra L. Kahler
 Leonard Kearney
 Larry E. Keltner
 Sydne D. Ketcham
 Kenneth B. Knechtel
 Betty C. Knight
 Wilma R. Kofford
 David A. Kollas
 Lawrence G. Kralman
 Janet V. Kreizenbeck
 Ann Kummer
 Gary L. Kvalheim
 Paula Lancaster
 Gilbert Langhoff
 Jimmie E. Lauman
 Nancy N. Lechner
 Dixie J. Lembach
 Wanda S. Lewis
 Diane V. Lohman
 Cathrine P. Lonsway
 William C. Looney
 Norma J. Lyon
 Jerry W. Maasdam
 Herschel L. Mack
 Jay A. Mackie
 Santford R. Marcum
 Darrel G. Marks
 Lavonne F. Marks
 Kenneth D. Marx
 George G. Mateer
 Jean A. May
 Linda C. McClure
 Ann McCormick
 Gary G. McGahuey
 Florette McGee
 Helen J. McGuire
 Melvin J. McGuire
 Gerald H. McKittrick
 Sterling E. McLaughlin
 Brian McNeal
 James W. McNutt
 Billy R. Meloy
 Linda J. Mentzer
 Lawrence H. Merk
 Judith Ann Meyer
 Myron E. Miles
 Sheila Miles
 Penelope K. Miller
 Thomas Milne, Jr.
 Barbara A. Mitchell
 Danny Y. Miura
 Robert J. Morgan
 Carolyn Nakashima
 Clayton Nelson
 Janice L. Nelson
 Reba J. Nelson
 Joseph W. Nibler
 Tom M. Nichols
 John B. Nordling
 Sharon L. Noss
 Phillip Ogburn
 Carol L. Olson
 Carl C. Ostling
 Marylea Oswald
 Carol Ann Parkinson
 Ray L. Paul
 Janet Pearsall
 Wilma Peetz
 Ronald L. Perkins
 Oleta K. Peugh
 David A. Plant
 Virginia L. Pocock
 Michael G. Poole
 Jeannette R. Powell
 Walter Powers
 John H. Pranger
 Victor H. Prodehl
 Stephen K. Prothro
 Margaret Pugh
 Daniel Purkey
 Donna E. Pyle
 Karen G. Rajnus
 Michael E. Ranslam
 Phyllis Ranslam
 Charles A. Rembert
 Robert L. Rettig
 Jarard G. Richardson
 Sheila S. Richmond
 Raymond A. Rigert
 Arthur D. Ritchie
 June Robinson
 Jeffrey N. Roehm
 Sally J. Rohrback
 Jack D. Rohrbaugh
 Glenn H. Rucker
 Dennis C. Runge
 Theodore K. Sakano
 Gary K. Sandberg
 Martha E. Sartain
 Susanne M. Sasaki
 Leonard D. Schaber
 Carlene E. Scherpf
 Omer Schneider
 David L. Schreiber
 William L. Schroeder, Jr.
 Nadine L. Screest
 James Sehorn
 Richard A. Seideman
 Robin H. Shaylor
 Lyla K. Shepherd
 Ernestine H. Sherman
 Jean L. Shirley
 Jenita F. Shultz
 John D. Shurtliff
 Kendrick J. Simila
 Karel Sinclair
 Mary S. Sinko
 Ronald Sjolander
 Jerry J. Smith
 Sheila Smith
 Mary J. Snapp
 Judith C. Snyder
 Harvey D. Sorenson
 Leonard W. Sosnovske
 Robert D. Steen
 Shirley A. Stoeffler
 Kathryn L. Strawn
 Meredith A. Strong
 Robert W. Stubblefield
 Ardith A. Sump
 Frederick L. Surbaugh
 Linda Sutherland
 Kenneth E. Sutherland
 Arlene M. Swanson
 Judy R. Swift
 Joseph M. Teeter
 Bert Teitzel
 Jo Ann Thiele
 Frank E. Thomas
 Kathleen Thomas
 William L. Thomas
 Douglas M. Thompson
 Eugene E. Tower
 Eugene R. Vander Zanden
 Phyllis J. Vanzyl
 Nancy Vertrees
 Valeria K. Viar
 Homer G. Wadsworth, Jr.
 Joanna M. Wadsworth
 Richard A. Walker
 Carole Ware
 Mary M. Warrens
 Frederick Weber
 James H. Wellman
 Sharon L. Wessner
 Kathy L. West
 Neil E. West
 Donna L. White
 Marilyn F. White
 Dennis B. Whitney
 Solveig Wiik
 Donna K. Williams
 Gladys Willie
 Dan R. Wilson
 Mary Loverna Wilson
 Homer D. Wood
 Rodger K. Woodruff
 Susan G. Woods
 Clifford E. Worley
 Marcia A. Wright
 Ralph A. Wright
 Robert A. Wright
 William J. Wright
 Sonta R. Yunker

VARSITY "O" SCHOLARSHIP.....Larry W. Hiron

Humanities and Social Sciences

CORVALLIS ELKS LODGE SCHOLARSHIP FOR

INSTRUMENTALISTS.....Nadine Bergman, Alan Feuerwerker, Charlotte Kofford

Full-tuition scholarships to students participating in the Oregon State College band or orchestra who have at least a 2.50 grade-point average on a minimum of 12 hours.

KAPPA PI SCHOLARSHIP.....Carol G. Panzer

\$100 annually provided by Kappa Pi national art honorary to a student registered at OSC who has completed 9 hours or more in art with a grade-point average of 3.25 or above.

MUSIC STUDY SCHOLARSHIPS—

Judith Baines
Susan E. Bostwick
Karl D. Cummings
Albert Ellis
Margaret Gates

Paul D. Knaupp
Glenna V. Maxwell
Patricia McQuaid
Sandra O'Neal
Arline Persyn

Karen Rajnus
Lou Jean Rosevear
Shirley Shepard

Annual scholarships of \$60 to \$90 each, established by friends of the Music Department to cover special fees for individual instruction in piano, organ, voice, stringed instruments, and wind instruments.

School of Science

BOEING SCHOLARSHIPS.....John S. McAlpine, Edgar L. Stout

Two \$150 scholarships to undergraduates in the School of Science, one majoring in mathematics and one majoring in physics. Selections made by the Committee on Scholarships from nominations made by the School of Science.

COPSON SCHOLARSHIP.....Robert Lee Grunden

Approximately \$200 annually from a gift of June Seeley Copson '15 to establish a scholarship in memory of her husband Godfrey Vernon Copson '11, for many years head of the Bacteriology Department. Recipient must be a junior or senior of outstanding promise in the School of Science.

CROWN ZELLERBACH FOUNDATION SCHOLARSHIP

IN HONOR OF DR. LEO FRIEDMAN.....Frederick Norman Fritsch

\$1,000 to an upper division student in chemistry, preferably wood chemistry or pulp chemistry. A memorial to Dr. Leo Friedman, for many years on the chemistry faculty, a pioneer in wood chemistry in Oregon.

GENERAL PETROLEUM CORPORATION SCHOLARSHIP.....Gary D. Jarman

\$400 plus tuition and fees to an outstanding senior or graduate student in geology or geophysics.

LONGVIEW FIBRE COMPANY PULP AND PAPER

SCHOLARSHIPS.....Richard A. Bartsch, David O. Harris

\$255 to a sophomore and \$255 to a junior in chemistry. Recommendations of chemistry faculty confirmed by Committee on Scholarships. Final selection by donor.

SIMMONS SCHOLARSHIP.....Judy Arnold

Established by the widow and friends of the late Professor Joseph E. Simmons, formerly head of the Bacteriology Department, for a worthy, promising junior in need of financial assistance for senior year.

TEXACO SCHOLARSHIPS.....Gary Lee Moore, Lawrence Oden, William M. Ziniker

Financial assistance for upper division male United States citizens majoring in chemistry, physics, mathematics or geology, and qualified for careers in the petroleum industry. Awards based upon scholastic ability, qualities of leadership, financial need, and sound health.

School of Agriculture

BORDEN SCHOLARSHIP.....Norman L. Murray

\$300 provided by the Borden Company Foundation, for a senior in agriculture who has completed six term hours in dairying and who among all similarly eligible students has the highest grade-point average.

CROWN ZELLERBACH FOUNDATION SCHOLARSHIP

IN FISH AND GAME MANAGEMENT.....Raymond A. Zalunardo

\$500 annually to a junior or senior in fish and game management, preferably in fisheries.

McKENZIE SCHOLARSHIP.....Kenneth Hilderbrand, Jr.

\$150 provided as a memorial to Gary McKenzie by his parents, for a freshman in agriculture who has been an active member of Future Farmers of America.

MULTNOMAH HUNTERS AND ANGLERS CLUB SCHOLARSHIP.....Arvo G. Riikula

\$150 for a male student, junior or senior, majoring in fish and game management to assist him in continuing his studies in wildlife conservation and management.

- OREGON DAIRY INDUSTRIES SCHOLARSHIP.....Lester J. Johnson
\$1,000 over 4-year period to an entering freshman in dairy technology.
- OREGON FEDERATION OF GARDEN CLUBS
SCHOLARSHIPS.....Howard Lematta, Jack R. Vallette
Two \$200 grants-in-aid for sophomore or upperclassman, one in landscape architecture and one in ornamental horticulture.
- PACIFIC NORTHWEST PLANT FOOD ASSOCIATION
SCHOLARSHIP.....Brian L. McNeal
\$100 to an outstanding junior or senior student in the School of Agriculture majoring in soils.
- RALSTON PURINA COMPANY SCHOLARSHIP.....Fredrick Allen Griffith
\$500 to outstanding seniors in land-grant colleges of the United States.
- SEARS ROEBUCK SCHOLARSHIPS—
Burnell R. Bohn
Gerald A. Carlson
Donald D. Franzen
Almond E. Hemenway
Adin A. Hester
Harlin C. Jensen
Gail L. McCarthy
Sterling E. McLaughlin
Robert F. Marquardt
Myron Miles
Bruce A. Sigloh
Theodore Vandecoevering
George E. White
Frank Willie
Benjamin Zamora
\$2,700 for scholarships provided by Sears Roebuck Foundation for men in agriculture who have been farm reared in Oregon. Recipients must show good character, scholastic attainment, and leadership ability through participation in 4-H Club, Future Farmers, or community activities.
- VAUGHAN SCHOLARSHIPS.....Donald F. Amend, R. Michael Laurs,
Larry R. Nygren, William E. Olson, Harvey D. Sorensen
\$500 annually, a memorial to Sarah Rehnborg Vaughan, for one or more juniors or seniors in fish and game management; provided by Nutrilite Foundation of California.
- WADE FOUNDATION SCHOLARSHIP.....Monte E. Multanen
\$200 annually for a junior or senior majoring in agricultural education who has maintained a good scholastic record and who has demonstrated a strong interest and ability in agricultural education.
- G. H. WILSTER SCHOLARSHIP.....Kenneth C. Messerle
\$255, provided by the Oregon Dairy Industries, for an outstanding freshman in dairy technology, to be used during sophomore year.

School of Business and Technology

- BOEING SCHOLARSHIPS.....Charles S. Bally, David R. Galligan
Two \$150 scholarships annually to undergraduates in business administration with emphasis on accounting, finance, business statistics, and production. Selection made by the Committee on Scholarships from nominations made by the School of Business and Technology.
- PACIFIC INTERMOUNTAIN EXPRESS COMPANY
SCHOLARSHIP.....Jack N. Nessen
\$250 to a junior in business and technology for use in his senior year. Selection based on scholarship, character, and interest in the transportation industry as a future career.

School of Education

- PARENT-TEACHER SCHOLARSHIPS—
Marilyn Adkins
Joan D. Arnold
Brenda Aschenbrenner
Mary Ann Ashley
Janet Aydelott
Jill L. Beals
Carol J. Clark
Nancy E. Ewart
Betty Lee Ferris
Judith W. Finell
Marion Friedland
Mary C. Griswold
Merylyn Hromas
Barbara E. Johnson
Carolyn A. Jones
Carolyn J. Krueger
Robertta Manning
Gail Marine
Judy Martin
Rose Marie Meier
Nonie Northrup
Melody Prickett
Judy H. Reese
Barbara Ronald
Peggy Seideman
Shelly Kay Stadheim
Judy Ann Ullman
Sue Ann West
Jacquelyn Wright
\$255 annually from the Oregon Congress of Parents and Teachers to encourage capable young people to enter elementary teacher training in Oregon. Open to freshmen, sophomores, and juniors; award based on scholarship, character, personality, leadership, school citizenship, and sound health.

School of Engineering and Industrial Arts

- AERO CLUB SCHOLARSHIP.....Darrell Gourley
Scholarship assistance to entering freshmen or other undergraduates. Recipients must show aeronautical interest, engineering aptitude, and ability in physical science and mathematics.

- ASSOCIATED GENERAL CONTRACTORS OF AMERICA
 SCHOLARSHIPS.....David L. Bloomquist, Glen O. Briggs, James R. Morrow,
 Satoru Matsuda, Richard L. Purdy
 One additional not awarded 1958-59.....Jerry L. Woolwine
 Five scholarships annually of \$200 each to juniors and seniors in civil, electrical, or
 mechanical engineering. Provided by Portland chapter of Associated General Contractors of
 America, Inc.
- BECHTEL CORPORATION SCHOLARSHIPS.....Lawrence L. Moon,
 Ralph A. Purves, Stanton A. Shipley, one not awarded 1959-60
 \$1,500 annually for four seniors in engineering; recipients must be under 26 years of
 age and anticipating careers in private industry.
- BOEING SCHOLARSHIPS.....Duane S. Baker, Dickey Hitchcock
 Two \$200 scholarships annually to undergraduates majoring in the School of Engineering.
 Selections made by the Committee on Scholarships from nominations made by the School of
 Engineering.
- COLLINS RADIO COMPANY SCHOLARSHIP.....Keith H. Banko
 \$1,500 annually to an outstanding senior in electrical or mechanical engineering for re-
 search project related to major field of study.
- COVERT SCHOLARSHIP.....William W. Thomas
 \$150 to a student in chemical engineering; provided by Lloyd W. Covert. Award made
 on basis of scholarship, ability, and potential leadership.
- FREIGHTLINER SCHOLARSHIPS.....Ronald K. Hanson, James D. Kirkmire
 Two scholarships of \$500 each provided by the Freightliner Corporation of Portland to a
 junior and a senior, one in civil engineering and one in mechanical engineering.
- LARRY HARRINGTON SCHOLARSHIP.....Earl R. Westberg
 \$300 to an outstanding junior in mechanical engineering.
- OTTO HERMANN SCHOLARSHIP.....John K. Carswell
 \$150 annually to an outstanding senior in civil engineering in memory of the late Otto
 Hermann, a graduate of the School of Engineering. Nominations made to Committee on
 Scholarships by faculty in civil engineering.
- LONGVIEW FIBRE COMPANY PULP AND PAPER
 SCHOLARSHIPS.....Karl D. Cummings, Bernard E. Davis,
 William E. Taft, David B. Walker, one not awarded 1959-60
 \$255 each to one sophomore, two juniors, and two seniors in mechanical or chemical
 engineering. Recommendations of engineering faculty confirmed by Committee on Scholar-
 ships; final selection by donor.
- RAYONIER INCORPORATED SCHOLARSHIPS...Ward W. Carson, Andrew C. Peterson
 Two \$250 scholarships annually to undergraduates in the School of Engineering, one in
 chemical engineering, and one from among the Departments of Mechanical, Electrical, or
 Civil Engineering. Candidates must be United States citizens.
- STANDARD OIL COMPANY OF CALIFORNIA
 UNDERGRADUATE SCHOLARSHIP.....Louis J. Snyder
 \$750 provided by the Standard Oil Company of California for an undergraduate scholar-
 ship to a student in chemical engineering. Selection made by Committee on Scholarships
 on nomination by head of department.
- TEXACO SCHOLARSHIPS.....Ralph A. Thompson, Gregory Turnbull
 Financial assistance for upper division majors in chemical engineering qualified for
 careers in the petroleum industry; awards based on scholastic ability, qualities of leadership,
 financial need, and sound health. Selections by Committee on Scholarships from nominations
 by Department of Chemical Engineering.
- WESTERN ELECTRIC COMPANY SCHOLARSHIP.....John C. Anderson
 \$400 to a student in electrical or mechanical engineering above the freshman level, prefer-
 ably a junior.
- WESTERN ELECTRONIC MANUFACTURERS' ASSOCIATION
 SCHOLARSHIPS.....Wayne V. Roberts, Eugene R. Royer, Gustav E. Wendland
 \$750 to three students in electrical engineering, preferably to an incoming freshman,
 sophomore, or junior transfer.
- WESTINGHOUSE ACHIEVEMENT SCHOLARSHIP.....Daniel F. Schaaf
 \$500 per year to a junior in electrical or mechanical engineering on basis of high achieve-
 ment in academic work and demonstrated qualities of leadership.

School of Forestry

AUTZEN FOUNDATION SCHOLARSHIP.....Carl B. Krueger
\$500 provided for a scholarship to an outstanding student majoring in forestry.

CROWN ZELLERBACH FOUNDATION
SCHOLARSHIP.....Robert M. Cron, Samuel W. Lee
\$500 provided by Crown Zellerbach Foundation for two outstanding junior or senior students in forestry who are citizens of the United States and have not previously held scholarships sponsored by the Zellerbach Foundation.

HART FOUNDATION SCHOLARSHIP.....Charles L. Stoddard
\$300 income from an endowment fund, a memorial to Floyd Hart, prominent Oregon lumberman, for a senior in forestry.

SNELLSTROM SCHOLARSHIP.....Claude C. Henning, Lloyd M. Inglis
Income from an endowment fund, a memorial to John R. Snellstrom, a prominent Oregon lumberman and Oregon Legislator, for an outstanding forestry student nominated by the forestry faculty.

SOUTH SANTIAM EDUCATIONAL AND RESEARCH PROJECT
SCHOLARSHIPS.....Thomas Abner, Harold Clark, John E. Lamerson,
John D. McWilliams, Robert J. Olsen, Charles Timberman, David W. Vandyke
\$2,500 annually, provided by Louis W. and Maud Hill Family Foundation for at least five Oregon students in forestry in the sophomore, junior, or senior years.

TUCKER SCHOLARSHIPS.....Russell Dix, Hugh Eddy, Edward L. Soderberg
Three \$1,000 scholarships, provided by the will of Max D. Tucker, for Oregon students in forestry.

VAUGHAN SCHOLARSHIPS.....Ron Anderson, Jerry R. Grunwald,
William Harvey, Arthur H. Stebbins
\$500 annually, a memorial to Sara Rehnberg Vaughan, for one or more juniors or seniors in conservation; provided by Nutrilite Foundation of California.

School of Home Economics

BORDEN SCHOLARSHIP.....Sheryl G. Baker
\$300 provided by the Borden Company, for a senior in home economics who has completed two or more courses in foods and nutrition and who, among all similarly eligible students, has the highest grade-point average.

COVERT SCHOLARSHIP.....Margaret R. Pugh
\$150 to a student in home economics; provided by Mrs. Covert. Award made on basis of scholarship, ability, and potential leadership.

FHA SCHOLARSHIP.....Jeanne M. Elam
\$150 for a home economics student provided by the Oregon Association of Future Homemakers of America for a graduate of an Oregon high school.

SEARS ROEBUCK SCHOLARSHIPS.....Vona R. Couture, Edianne Herndon,
Linda J. Purdy, Lorna Zielinski
Four \$200 freshman scholarships for study in home economics, provided by the Sears Roebuck Foundation, awarded on merit to Oregon farm-reared girls who would otherwise not be able to attend college.

WOMENS ELECTRICAL ROUND TABLE OF PORTLAND
SCHOLARSHIP.....Sharon McGrath
\$100 to a home economics junior, awarded on basis of financial need, scholarship, and interest and aptitude in electrical equipment studies.

School of Pharmacy

A. K. BERMAN PHARMACY SCHOLARSHIP.....Arle Zelma Scott
\$50 annually to a deserving upper division pharmacy student selected by the faculty of the School of Pharmacy.

OREGON STATE PHARMACEUTICAL ASSOCIATION
SCHOLARSHIP.....Walter K. Stoeffler
\$100 for tuition and fees of a senior in pharmacy who has demonstrated outstanding scholastic ability in all academic work, who is a resident of Oregon, and who, in the opinion of the pharmacy faculty, will benefit most from the financial support thus given.

OREGON STATE PHARMACEUTICAL ASSOCIATION
SCHOLARSHIPS.....Janet Gordon, Wallace Muzzy
Two Oregon high school graduates awarded \$50 per year for a period of five years while registered in the School of Pharmacy at Oregon State College. Selection based upon outstanding grades, leadership, and need.

OREGON STATE PHARMACEUTICAL ASSOCIATION
 SCHOLARSHIP—WOMEN'S AUXILIARY.....Carol A. King
 Full tuition annually for a woman in pharmacy; given in third, fourth, or fifth year of study to an Oregon resident; selection by Dean of the School of Pharmacy on basis of merit and need.

Division of Physical Education

NEUBERGER SCHOLARSHIPS.....Judith N. Johnson, Alice M. Lowell, Merle Wright
 \$250 scholarships for the year 1959-60, awarded by Senator and Mrs. Richard Neuberger to outstanding junior, senior, or graduate students preparing for careers in health or physical education.

SCHOLARSHIPS FOR FOREIGN STUDENTS

BUSINESS AND PROFESSIONAL WOMEN'S CLUB
 SCHOLARSHIP.....Chiyono Matsushima (*Japan*)
 Ma Tin Pon (*Burma*)
 DELTA KAPPA GAMMA SCHOLARSHIP.....Ilwha Park (*Korea*)
 INTERDORMITORY SCHOLARSHIP.....H. Juergen Becker (*Germany*)
 INTERFRATERNITY SCHOLARSHIP.....Kaare Castberg (*Norway*)
 Isaac Zafrani (*Panama*)
 MILAM FELLOWSHIP.....Amal Najjar (*Iraq*)
 PANHELLENIC SCHOLARSHIP.....Yung Ja Hong (*Korea*)
 Amal Najjar (*Iraq*)

STATE SCHOLARSHIPS FOR FOREIGN STUDENTS (*partial tuition*)—

Mohamad Abdul-Rahman	Jai Bin Kim	Ilwha Park
George T. Abed	Hong Shik Kim	Moon U. Park
Irshad A. Ahmad	Joong C. Kim	Allen W. Parker
Kie H. Ahn	Ok Soo Kim	Bhikhabhai N. Patel
Hooshang Alemazkoor	Gerhard F. Knapp	Bhulabhai N. Patel
Gunter Allgaier	Wen Chen Ko	Ivanbhai G. Patel
Hans Jurgen Becker	Hormozd Koocheki	Iyotindra B. Patel
Anne K. Butorac	Parshotam Lall	Thakorlal J. Patel
Cris R. Campos	Yon J. Lao	Suresh S. Patil
Kaare Castberg	Raghunath Lathi	Margaret Piladakis
Nizar T. Chahine	Bernard P. Lee	Ma Tin Pon
Felipe C. Chang	Bong S. Lee	Chongrak Prichananda
I-Cheng Chang	Cheung W. Lee	Limchong Rachapaetayakom
Pai-Ling Chao	Johnny J. Lee	Thillasthanam Rajan
Sun-Li Chen	Kyu Baik Lee	Chujit Ratarasarn
Dan S. Cheng	Lin F. Lee	Umanath Y. Rege
Prasert Chermporn	Teh H. Lee	Donald H. Risk
Hui-Ning Chien	Youn S. Lee	Farhang Saeed
Wan-Hua Chien	Young S. Lee	Jose L. Saenz
Jimmy T. Chow	Seow K. Leong	Manmohan S. Sehgal
Harold H. Christie	Yeam S. Lim	Chung-Yi Shen
Raul E. Coto	Jimmy C. Ling	Jan-Son Shen
Atila H. Derefi	Danny C. Lo	Chisun Shim
Stanley A. deSouza	Thomas S. Lo	Elie C. Sifri
Harold Dick	Carlos Lobo	Khemkhang Sitathani
Haweli Dilaweri	August A. Loman	Ajmer Singh
Ali A. Emami	Russell Maddox	Iyotendra N. Singh
David B. Emery	Rodrigo Madriz	Surendra P. Sinha
Taghi A. Fakouhi	Rampersad O. Maharaj	Tsutomu Sunahara
Heather A. Fergusson	Siegfried Mahn	Joseph C. Swee
Robert A. Fergusson	Chiyono Matsushima	Iulius Szabo
Ragnar Framhus	Louis H. Matsuura	Mehmet E. Talimcioglu
Bipin Gandhi	Johanna M. Muller	Barry J. Tancred
Felipe Garcia	Mehdi Naficy	Aage Teien
Alam Ghamkhar	Amal Najjar	Adolfo Velasco
Mehdi Ghamkhar	Ninita E. Newstead	Somma Vongsuri
Ratan K. Govila	Smorn Nitidandhaprabhas	Edwin Wagelie
Robert E. Harrison	Bethuel Nsubuga	Suk Jo Whang
Shizue S. Hikida	Kaichi Okazaki	Donald B. Wilson
Yung Ja Hong	Ahmad Omid	Moon Yo Woo
Chin S. Hoo	Mariam Omid	Chang-Ming Wu
Margaret L. Hsieh	Sevket Oner	Choong Sik Yang
Chun June Hsu	Wimifred Ong	Hwai N. Yang
William W. Hsu	Winston M. Onyema	Benjamin L. Yee
Reynaldo Salazar Huaccho	Alberto Ortiz	John B. Yu
Vishnu B. Jumani	Haakon C. Oyen	Joe N. Yuen
Vinayak Kamdar	Hijja Pai	Isaac Zafrani
	Nieves S. Paras	

SCHOLARSHIPS ADMINISTERED BY OTHER AGENCIES

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS, LADIES AUXILIARY OF THE PORTLAND SECTION, SCHOLARSHIP.....			Donald G. Johansen
AUXILIARY TO PROFESSIONAL ENGINEERS OF OREGON SCHOLARSHIP.....			Ralph Hendrickson
CROWN ZELLERBACH FOUNDATION SCHOLARSHIPS—			
Donald S. Allen	Walter L. Powell	Kent Wells	
Dixie Allison	Barry J. Shobe	Judith A. Wendt	
Marilyn S. Ashby	Mark Simons	Diane E. Whiting	
Carolyn Heath	Ardath Weber	John H. Wilkinson	
EASTERN STAR SCHOLARSHIPS.....			Sara Narkus, Helen L. Parton
IRON FIREMAN SCHOLARSHIP.....			Dennis Spitze
McCLINTOCK MEMORIAL SCHOLARSHIP.....			William C. Looney
OREGON 4-H CLUB SCHOLARSHIPS—			
Kerr Glass Manufacturing Corporation.....		Marie DuRette	
Reynolds Metal Company (Multnomah County).....		Leanne Steele	
Safeway Stores.....		Kathryn Hutton	
Spreckels Sugar Company.....		Marie DuRette, Barbara Jefferson	
Standard Oil Company of California.....		Kristine Granville, Kathryn Hutton, Robert Youngman	
Union Pacific Railroad Company—Carl Raymond Gray Scholarships			
Frans O. Alajoki	Mickel C. Harrington	Joyce A. Phillips	
Dorothy J. Belshee	Virginia L. Henkle	Roger D. Pierson	
Thomas M. Bowman	Lynne M. Hoffman	David W. Schaad	
Steven F. Burnet	Barbara J. Jefferson	Dennis L. Spitze	
Gerald A. Carlson	Jerome G. Justice	William H. Townsend	
Jackie Jo Dick	Suzanne Kay Kircher	Harley A. Turner	
Randal Dickinson	Sterling E. McLaughlin		
Terry W. Farrell	Janice M. Martin		
OREGON HOME ECONOMICS ASSOCIATION SCHOLARSHIP.....			Ellen Jeffryes, Janet Reilly, Veleta Vander Zanden, Meiko Yoneyama
PEPSODENT PRESIDENTIAL SCHOLARSHIP.....			David B. Bell, Judith E. Blair, Janet Rae Derry, Roger R. Parker
PORTLAND HOME ECONOMISTS IN EDUCATION SCHOLARSHIP.....			Donna Pyle
PORTLAND ROSE FESTIVAL SCHOLARSHIP.....			Joan D. Arnold, Linda A. Long, Mary E. McDermott, Penelope L. Richardson, Janet N. Travis
ST. REGIS PAPER COMPANY SCHOLARSHIP.....			Lawrence E. Goodman
WESTERN ROD AND REEL CLUB SCHOLARSHIP.....			Thomas Groutage
OTHER SCHOLARSHIPS—			
Active Club, Coos Bay.....		Dorothy Landers	
Agnew, Mrs. S. A.....		Edward A. Dimmick	
Air Force Aid Society Educational Fund.....		Linda L. Sartain, Martha E. Sartain	
Albany Auto Parts.....		Carol Chrisman	
Alcoa.....		Joyce E. Calvert, Richard Kelly	
Alpha Gamma Rho.....		Theodore Vandecoevering	
Alumni Association of Mapleton.....		Joel E. Dahlin	
American Indian Affairs.....		Kenneth Tanner	
American Legion, Florence.....		Steven J. Campbell	
American Legion, Lodi, California.....		Merna M. Schmiedt	
American Legion Auxiliary, Florence.....		Judith A. Herbison, Shirley Stoeffler	
American Welding Society.....		Edgar A. Gilbert	
Association of University Women, Klamath Falls.....		Peggy J. Seideman	
Astoria Plywood Corporation.....		Ralph Bergstad	
Baker (Martha A.).....		Janet L. Gordon	
Beane Scholarship Fund, United States National Bank.....		Sylvia L. Cabella, James K. Hall, John Horn	
Benton County Medical Auxiliary.....		Karen Ann Stenberg	
Betty Crocker Search, General Mills.....		Darlene J. Steinhauser, Paula White	
Boosters Club, Richland, Oregon.....		Timothy Heater	
BPOE—			
Albany.....		Judith L. Kerns, Marvin Lowell	
Astoria.....		Ernestine Sherman	
Bend.....		Shirley Grant	
Clackamas County.....		Alegra L. Weidman	
Coos Bay.....		Kenton A. Sandine	

Corvallis.....	Steve D. Roath
Heppner.....	Stevan Flug, Janice Martin
Lebanon.....	Dixie Allison, Michael Lanning, John Wilkinson
Lincoln County.....	Patricia A. Dixon
Long Beach, California.....	Judith L. Aston
National.....	Gerald Carlson
North Bend.....	Sheryl Lee Jacobson
Oceanlake.....	Michael J. Wells
Palo Alto, California.....	Karen Hansen
Philomath.....	Nancy Lee Miller
Saint Helens.....	Joan Kallberg, Bruce Thompson
Seaside.....	Kay Auld
State—Oregon.....	Gerald Carlson, Wayne Roberts, Ernestine Sherman, John Wilkinson
Sweet Home.....	Margaret R. Gates, Margaret Pugh
Tidewater.....	Patricia Ann Nyhus
Tillamook County.....	Carole I. Ware
Toledo.....	Barry A. Haffas
Britt Memorial Scholarship.....	Dennis Caird, Floyd Driskell
Business and Professional Womens Club—	
Junction City.....	Delila G. Kokkeler
The Dalles.....	Aluera Wenko
Woodburn.....	Donna Lantis, Cara L. McLendon
Catholic Daughters of America.....	Lawrence E. Jackson
Cauthorn Hall.....	Shirley Axtell
Chetco Drugs, Brookings, Oregon.....	Gary L. Turpin
Confederated Tribes of Umatilla Indians.....	Russell Carter, Loretta J. Gray
Cooke Fund, Gilliam County.....	Julie D. Artsill, Reitha N. Finley, Dennis D. Jackson, Donna Mae Kumm, Linda Kay Welp
Corvallis Soda Works.....	Joan Burgoyne
Dads Clubs—	
Franklin High School.....	Lawrence Brisbee, George Hoss
Grant High School.....	Diane M. Dietrich
Lake Oswego High School.....	David Oehling, Joe Smith
Madison High School.....	Bill Bech, Roy Cook
Daughters of the American Revolution.....	Margo E. Bennett
Davidson Industries.....	Richard Beers
Delta Delta Delta (Portland).....	Kathryn L. Strawn
Delta Kappa Gamma.....	Esther Anderson, Linda Burrill
Driscoll, Mr. and Mrs. J. L.....	Margaret Butler
Eagle Valley Boosters.....	William F. Gardner
Electric Club of Oregon.....	Dennis Johnson
Emblem Club of America.....	Dan R. Wilson
Esco, Electrical Steel Foundry Company, Portland.....	Joseph W. Maylie
Faculty Club, Claremont, California.....	Virginia E. Batcheller
Farm Bureau Federation of Oregon.....	Curtis R. Kocken
Fine Arts Silver.....	Walter Aho, Jack Clauson, Richard Jensen
Florists Telegraph Delivery Association.....	George Hinkel
Fraternal Order of Eagles, Nyssa.....	Dennis Spitze
Future Farmers of America—	
Senior Award.....	Oscar A. Gutbrod—Yamhill
Standard Oil of California (Oregon).....	Donald D. Franzen—Marion Roger E. Schoenborn—Clackamas
Standard Oil of California—	
4-H Award (California).....	John E. Ford
Future Farmers Award (California).....	Dan J. Wilson
Future Homemakers of America.....	Jean Elam, Sandra Kahler, Marianne Samuelson
Future Teachers of America—	
Douglas High School.....	Beverly Sharon Butts
Marshfield High School.....	Judith A. Herbison, David Miller
McMinnville High School.....	Terrance J. McDowell
Gresham Community Theater.....	Gerald McKittrick
Grolier Foundation.....	Patricia G. Kahle
Heaton Steel.....	John A. Moffitt
Hertz Engineering.....	John R. Eskeldson
High Schools—	
Benson.....	Richard A. Demers
Clatskanie Union.....	Marcia Wright
Coburg.....	Judith Adair
Corvallis, Girls League.....	Phyllis J. Van Zyle
Cottage Grove.....	Helen Kief, Melvin McGuire
Douglas.....	Neal Golgert
Franklin.....	Gordon Boozer, Charles Stronach
Franklin, Faculty.....	Russell Cook
Forest Grove, Letter Girls.....	Nancy Webster
Grants Pass.....	Laverne Wilson
Gresham.....	Robie Creswell
Harbor, Brookings.....	Don Morris, Gary Turpin
Kelso.....	James Kelley
Lebanon.....	Norma Jean Yoder
Mapleton, Alumni.....	Joel Dahlin
Marshfield, Hi-Y.....	Michael S. Lucas
Morrow.....	Stevan Flug
North Bend.....	Ray North, Nancy Parrick

Reedsport Union, Girls League.....	La Vonne F. Marks
Roosevelt.....	Norman Nodurft
Roseburg.....	Mary Backen, Marjorie Bowker, Donald Loomis
Saint Helens, Boys League.....	David Jordan
Silverton.....	Kathrine Sheperd
Stayton.....	Kathryn Johnston
Sutherlin.....	Kenneth B. Knechtel
Tri-County, Athletic Group.....	Jerald C. Oakes
Tri-County, Boys League.....	John E. Moore
Wasco County, Dean Raymond Crabtree Memorial.....	Lewis Escasga
Woodrow Wilson (Long Beach California), Sears.....	Phyllis L. Wolcott
Home Economics Club, Oregon State Grange.....	Dolores Rose
Home Economics Club, Sherwood.....	Joyce Jeffers
Jackson County Young Farmers Club.....	Will R. Hubbard, Jr.
Jewel Ice Cream Company.....	Carl C. Huber
Job's Daughters, Grand Guardian Council, Oregon.....	Diane Dietrich,
	Marcia Williams
	California.....
Johnson Foundation, San Francisco, California.....	Karen M. Hansen
Junior Achievement of Portland.....	Karen Sue Dotson
Junior Chamber of Commerce, Kailua, Hawaii.....	Beverly Bergren, Joan Gibson
Junior Womens Club—Home Economics.....	Fred H. Tarasawa
Kern County Land Company.....	Judith A. Johnson
	Richard Porter
Kiwanis Club—	
Canby.....	Glady's Douthit
Coos Bay.....	Judith Young
Lebanon.....	Robert Jones
Prineville.....	Sydney M. Dorn
Linfield College.....	Linda A. Grant
Lions Clubs—	
Coquille.....	Jaye Johnson
Crater.....	Marianne Samuelson
Hillsboro.....	Sandra Kahler
Mapleton.....	Mary S. Addleman
Oakridge, Lions Auxiliary.....	Geraldine Pickens
Sutherlin.....	Robert J. Taylor
Toledo.....	Patricia A. Dixon
Lutheran Church—	
Colton.....	Thomas R. Watson
Milwaukie.....	Terry Busby, Lynn Schwalbe
McCloud Lumber Company.....	Dennis Wellman
Minot State Teachers College.....	Annette W. Meyer
National Honor Society Award.....	Marcia Ann Wright
National Merit Scholarship.....	John A. Hocken
National Turkey Association.....	Bruce Johnson
Navy Wives Club of America.....	Gary Milbarn
Oberlin College.....	Lawrence Weaver
Olinger and Sons.....	James Frahm
Oregon Coast Veneer.....	Edward Dimmick
OEA, Southern Linn.....	Edianne Herndon
Oregon Museum of Science and Industry.....	James Wagner
Panhellenic Association, Portland.....	Kathy West
PTA Scholarships—	
Albany.....	Alice Lowell
Allegany.....	Dorothy Landers
Arlington.....	Donna Kumm
Bangor.....	Penny Signalness
Burns.....	Eugene Shoji
Cottage Grove.....	Helen Kief
Dayton.....	Alan C. Benedict, Kenneth W. Caldwell
Dillard.....	Neal E. Golgert
Fullerton.....	Linda L. McCormack
Glide.....	Sally Myers
Grant.....	Donna E. Pyle
Marshfield.....	David Sullivan
North Bend.....	Penny Signalness
Odell.....	Joann Aldahl, Oleta Peugh
Reedsport.....	Bert S. Teitzel
Roseburg.....	Sally Jo Myers
Roswell, New Mexico.....	Mary Little
Saint Helens.....	David Jordan
Sutherlin.....	Patricia L. Morningstar
The Dalles.....	Bonnie Osborne
Tri-City.....	Marjorie Stimson
Westfir.....	Penelope K. Miller, Sharon L. Wessner
Wy'east.....	Joann Aldahl, Oleta Peugh
Payne Fund, New York.....	Arthur Judson
Pendleton Roundup.....	Douglas A. Graham
Portland Home Economists in Business.....	Judith Coleman
Roger Erickson—Cecelia Miller Memorial.....	Carl C. Huber
Rose Brandenburg.....	Michael O. Boss
Rotary Clubs—	
Rotana, McMinnville.....	Judith Wakefield

Rotary—	
Coquille.....	Faye Johnson
Medford.....	Dale D. Foresee
Pendleton.....	Gail McCarty
Roseburg.....	Donald Loomis
Sherman County Historical Society.....	Eva Kirkelie
Spence Memorial, Oregon State Grange.....	Joseph Colvin
Soroptimist Club.....	Shelby J. Branch
Sub-Deb Organization.....	Nancy S. Parrick
United States National Bank Work-College Program.....	Carl Birrer, Don Fales, John Hammack, Merwyn Powell, Ron Tolls
Veterans of Foreign Wars.....	Robert Michael King
Webb, J. Wesley.....	Joseph W. Nibler
Western Golf Association, Evans Scholarship.....	Frederick Heidt, Jr., Stewart Schroeder
Weyerhaeuser Timber Foundation.....	Donalea M. Brooks, Ginger R. Gallatin, Suzanne Goeller, Shelia Myers, Gilbert L. Roberts
Womens Society of Christian Service.....	Rachelle Dawson
Zonta Club, Grants Pass.....	Joanne R. Hansen

Gifts

Oregon State College 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 COLLEGE FOUNDATION

The Oregon State College 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 the College. 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 College through education, research, and service.

Funds received from all sources into the Foundation for the calendar year 1959\$73,383.46.

HORNER MUSEUM OF THE OREGON COUNTRY

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 varied 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.

OREGON STATE COLLEGE LIBRARY

Memorial Gifts

Each year, under a plan promoted by "Friends of the Library of Oregon State College," 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 the College. 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, \$1,028 has been given the Library for memorial books. With this money 133 volumes memorializing 47 persons have been added to the Library. Since the beginning of the Memorial Book Plan in 1943, 2,139 books costing \$9,350 have been placed in the Library in memory of 322 persons. 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 \$1,107. These have included the gift of the private library of the late Dr. Henrietta Morris, consisting chiefly of books in science and art. From Dean F. A. Gilfillan has come a gift of \$300 to assist in the purchase of a three volume thirteenth century manuscript of the Bible in Latin. These volumes, on fine vellum, constitute the first medieval manuscript acquired by the Library.

Gifts of current periodical subscriptions, continuations, and back files of periodicals, with an estimated value of \$1,182 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 \$3,320.

MEMORIAL UNION

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

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 opened 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 on each sleeve of the same material. 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	White or electric blue	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 Minnesota.....	Old gold.....	Maroon
Yale University.....	Blue	
University of California.....	Gold.....	Yale blue
University of Maryland.....	Black.....	Old gold
University of Wisconsin.....	Bright red.....	
University of Illinois.....	Navy blue.....	Two orange
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 College.....	Burnt orange.....	

ALMA MATER

*W*ITHIN a vale of western mountains,
There's a college we hold dear.
Her shady slopes and fountains
Oft to me appear.

I love to wander on the pathway
Down to the Trysting Tree,
For there again I see in fancy,
Old friends dear to me.

(Chorus)

Carry me back to OSC,
Back to her vine-clad halls;
Thus fondly ever in my mem'ry
Alma Mater calls.