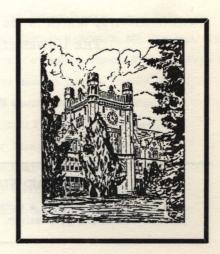
# UNIVERSITY OF IDAHO Sixty-Fourth Commencement

Memorial Gymnasium Sunday, June 7, 1959



# Order of Exercises

Processional—Coronation March (The Prophet) . . . . Meyerbeer

THE UNIVERSITY SYMPHONY ORCHESTRA

LEROY BAUER, Conductor

The Audience Remains Seated While the Academic Group Enters

Invocation
L'Arlesienne Suite No. 2
Conferring of Degrees
Presentation of Awards
Here We Have Idaho
Benediction
Recessional—War March of the Priests (Athalia) Mendelssohn THE UNIVERSITY SYMPHONY ORCHESTRA

The Audience Stands While the Academic Group Retires

### FIRST AID STATION IN GYMNASIUM

A first aid station with a nurse in attendance is located in Room 201 in the east end of the gymnasium.

# Candidates For Degrees Bachelor Degrees

### COLLEGE OF LETTERS AND SCIENCE

### Bachelor of Arts

DARRELL FREDERICK ADAMS, Nampa PAUL WINSTON BAKER, Montpelier PAUL LEWIS BARNES, Harrisonville, Mo. HAROLD OLIVER BATES, Rigby MARY ELLEN BENNETT, Potlatch JOHN FREDERICK BLAIR, Coeur d'Alene CURTIS RICHARD BOHLSCHEID, Pocatello REED J. BOWEN, Rexburg MARJIE MOLLOY BRADBURY, Headquarters JAMES EARL BURT, Emmett ALICE MAY CLARKE, Orofino WILLIAM BRUCE COLVIN, Moscow CLIFFORD JOSEPH COOK, Juliaetta HAROLD LEE DAVIS, Moscow JOAN HELEN FERRIS DEAL, Lewiston With High Honors SULAKHAN SINGH DHILLON, Dist FerozePore, Panjab CHARLES MAYNARD DOUGLASS, JR., Coeur d'Alene JAY NORMAN EACKER, Weiser With High Honors CAROLYN ANNE EDWARDS, Boise With High Honors JOAN MARIE FISHER, Blackfoot With High Honors GEORGE MELVIN FOWLER, Oklahoma City, Okla. Douglas Alexander Fraser, Calgary,

Alberta, Can. RICHARD LONNIE FRAY, Lewiston WILLIAM JOSEPH GABOURY, Harrison With High Honors Mollie Jane Godbold, F. Worth, Tex. JAMES ROBERT GOLDEN, Boise JANICE MAY GORDON, Arco KAY ESTHER HABERLACH, Clackamas, Ore. With High Honors DONALD MARTIN HARRIS, Nezperce

CARL REX HINTZE, Mackay LANA PAULE HOCH, Payette DONNA MARIE HOOBING, Boise RICHARD D. HUGHES, Mountain Home ALVIE MCRAE JOHNSON, Caldwell HAROLD ELMER JOHNSON, St. Maries IRENE DIANE KAIL, Twin Falls JOHN CHARLES KERRICK, St. Maries CRAIG CHARLES KOSONEN, Coeur d'Alene MARYBEL ETHEL LILL, Nampa With High Honors CAROLYN BETH LUNSTRUM, Twin Falls
With High Honors PAUL DAVID McCABE, St. Maries JAMES DOUGLAS MERCER, Nampa ROBIN NEUPERT MERRELL, Kamiah HALLIE ANN MILLER, Coeur d'Alene With High Honors Patricia Anne Nasmyth, San Gabriel, Calif. With High Honors JAMES JEROME O'CONNELL, Lewiston BRADFORD CLARE O'CONNOR, Lewiston KAY LOUISE RUSSELL OWEN, Mountain Home CHARLES HENRY POWERS, Twin Falls DAVID EDWARD RANDOLPH, Mt. Pleasant, Mich. FREDERICK LEONARD RINGE, American Falls DAVID RUSSELL ROSCOE, Seattle, Wash. JOHN ALLEN ROSHOLT, Lewiston WILLIAM FRANKLIN ROY, Moscow ANN MARIE SCOTT, Boise FRED DALE SHARP, Weiser ELLA GAYE SPRINGER, Lewiston With High Honors WILLIAM ANDREW STELLMON, Moscow

CAROL JEAN TEMPLE, Santa Monica, Calif.

JAMES EVERETT TERRILL, Mullan
With High Honors

Marie Van Orman, Jerome With High Honors

EDWARD DANIEL VAN THIEL, Port Orford, Ore.

ROLLAND LEE WATENPAUGH, Moscow

MERRELL L. WATTS, Moscow

DIXIE VERLENE KROUSH WEEKS, Moscow

DONALD DUANE WELTON, Smelterville

GERALD LEROY WESTON, Boise

KRISTEN WINIFRED BENGTSON WHITE, Moscow

RUSSELL CHARLES WHITNEY, JR., Chicago, Ill.

DALE LAVERNE WILLIAMS, Lewiston

ROGER LESLIE WILLIAMS, Lewiston

BARBARA BARRY YOUNT, Boise

### Bachelor of Science

DOYLE WAYNE ALLEN, Bliss

LOURETTA FRANCES ALLEY, Moscow

EUGENE ANTHONY ARNONE, Lewiston

IAIN JOSEPH WILSON BAXTER, Calgary, Alberta, Can.

CHARLES ELLISON BEND, Boise

DORA MARY BRETTHAUER, Priest River

BRUCE RICHARD CAIRNS, Boise With High Honors

DONALD WAYNE CHAMBERS, Boise

CLARENCE EUGENE CHRISP, Star

JOHN WILLIAM CIBOCI, Racine, Wis.

CAROLE LEE CLARK, Detroit Lakes, Minn.

CARL DAVE CORBIT, Spirit Lake
With High Honors

JOHN ALLAN DODDS, Boise

HELEN LOUISE FARMIN, Wallace

WILLIAM RAY GAVIN, Rigby

JERRALD EUGENE GILES, Moscow

WILLIAM EUGENE HAHN, Twin Falls

TED H. HALLSTROM, Rexburg

KAREN LOUISE HAYDEN, Sandpoint

LESLIE ELDON HUNTLEY, Cottonwood With High Honors

PATRICIA ANNE IVERSON, Kellogg

THOMAS NATHANIEL JONES, Moscow

NICK TOM KARAGIANES, Boise

EDWARD WILLIAM LAIRD, JR., Dubois

RICHARD NORMAN LOEPPKY, Lewiston

BEVERLY ANNE LORD, Idaho Falls
With High Honors

DONALD SEYMOUR MAY, Coeur d'Alene

Eddie Miller, Calgary, Alberta, Can.

LEONARD PETER MILLER, Livingston, N. J.

MALCOLM DUANE NEELY, Moscow

LARRY DENNIS NELSEN, Lyons, Nebr.

KATHRYN LUNDERS O'CONNOR, Moscow

LADAUN DARLENE OLIN, Lewiston

PETER HAROLD OSTRANDER, Moscow

SUZANNE KATHERINE ROFFLER, Missoula, Mon. With High Honors

PETER PAUL ROGALSKI, Moscow

CHARLOTTE BLANCHE RUCKMAN, Gifford

Douglas Dean Rushfeldt, San Diego, Calif.

JAMES HOWARD SHAW, Salmon

CLYDE HENRY SHEPPARD, Twin Falls

PHYLLIS LOU MCALEXANDER SHEPPARD, Moscow With High Honors

DEAN ELDON SHIPPEN, Menan,

L. WILSON SLOCOM, Jackson, Mich.

CLAUDE DARYLE SMITH, Hope

RICHARD CHARLES SORENSON, Spokane, Wash.

Delores Valene Thorpe, Blackfoot

DALE ELWIN TRITTEN, Moscow With High Honors

ROGER LINDELLE TYSON, Moscow

GEORGE KEI WATANABE, Hilo, Ha.

ROYCE ALLEN WISE, Twin Falls

GEORGE WALLIS WOODBURY, JR., Moscow With High Honors

### Bachelor of Science in Pre-Medical Studies

JOHN HENRY McDonald, Jr., Idaho Falls

JANICE LOU WILLMS, Gooding

WALTER RAY PETERSEN, Wendell, Idaho
With High Honors

### Bachelor of Science in Home Economics

Alberta, Can.

DORIS DELL RIGGS BAKER, Murtaugh

CARMA ELIZABETH NILSON, Troy

ANNE MARIE COPITHORNE CAMPBELL, Calgary,

LUCY ELLEN ROBERTS PLINE, Donnelly

PATRICIA ANN CASEY, Moscow

JOAN ELAINE PRATHER, Spokane, Wash.

DIANA KAY CONRAD, Castleford With High Honors

SHARON SHULDBERG, Terreton

ELIZABETH ANN CURTIS, Sandpoint

JANE PERRY SIMMONS, Moscow With High Honors

CHARLOTTE MOON DARLING, Sandpoint

Janemarie Smith, Twin Falls Kathryn Irene Smith, Boise

ELEANOR RICHARDSON WHITNEY FOWLER, Walla, Walla, Wash.

Doris Elaine Gissel, Payette

DOROTHY ANN SOWA, Riddle, Ore.

With High Honors

DOROTHY ANN SOWA, Kudale, Ore.

Mary Lou Morken Hanson, Genesee

SYLVIA CHRISTINE STODDARD, Orofino

LYNNETTE ALLENE HAWKINS, Sagle

CECELIA ANN SULLIVAN, Rupert

Patricia Jo Lawton Koster, Moscow

Frances Marie Brown Thompson, Arco Jean Louise Iverson Vasiloff, Kellog

CLARA ANN LOWRY, Osburn

FREIDA MAE WILSON Emmett

Lois Marie Lundquist, Moscow

MARLENE GAY ZAJANC, Lewiston

BEVERLY JO RASOR McDonald, Boise
Mary Cristine Nelson, Rexburg

KATHRYN BERRY ZENIER, Bonners Ferry

### Bachelor of Science in Pre-Nursing

HELEN MARIE CORBETT, Parma

CATHERINE JEAN CANNON MARBOE, Moscow With High Honors

### Bachelor of Music

John Frank Baker, Moscow

Don Lee Royster, Filer With High Honors

WILLIAM LEGRANDE HERR, Sterling

### Bachelor of Architecture

DUANE ERNEST GOWLAND, Moscow

JAMES BERT MANN, Ithaca, N Y.

WILLIAM GROVER IRVINE, Caldwell

JAMES EDWARD SHEARER, JR., Payette

WILLIAM LEW KIM-YONG, Lewiston

ATHEL BERNARD YORK, JR., Nampa

### COLLEGE OF AGRICULTURE

### Bachelor of Science in Agriculture

WILLIAM DONALD ALBERTSON, Samuels

JOE WAYNE ALDANA, Idaho Falls

CLARK EUGENE BEDOW, Hansen

JAMES DARREL BIVENS, Payette

Albert Lawrence Brackebusch, Bonners Ferry

WILLIAM GREENWOOD CARLSON, Carey

GEORGE MAJOR CARNIE, Coeur d'Alene With High Honors

CECIL GERALD CHAMBERLAIN, Kendrick

HERMAN CARLTON CLEMANS, Moscow

MARK MONROE COLE, Grangeville

KEITH LEON CONTOR, Idaho Falls

Marion Franklin Fisk, Rupert

WILLIAM ALEXANDER GARDNER, Moscow

DALE LEONARD GEAUDREAU, Blanchard

DOYAL JOHN GILSON, Lewiston

James Edgar Givan, Bethesda, Md.

HARRY LLOYD HOFSTETTER, Caldwell

WILLIAM HARRY HUTCHINSON, Fruitland

JOHN DAVID JANSEN, Kimberly

DONALD WAYNE JOHNSON, Meridian

ROBERT JONES, Rupert

GARY LEE KENDALL, Palouse, Wash.

RICHARD LEE KERBS, Rupert

ELWOOD WAYNE KINTNER, Idaho Falls

Douglas Nelson Klein, Grangeville

JERRY WILSON KNAPP, Moscow

RICHARD ARTHUR KOSTER, Moscow With High Honors

GLEN ALBERT LINDER, New Plymouth

JAMES FRANKLIN LOCKWOOD, Flushing, N. Y.

JAMES MICHAEL McDonald, Fenn

WILLIAM KENNETH McDonald, Twin Falls

WILLI.AM MARVIN MACKIE, Buhl

DONALD RAY MILLER, Sandpoint

AUGUST CHRISTIAN MUELLER, Merrill, Iowa

DENNY VE NAYLOR, Hansen

WALTER CHARLES NELSON, Gooding

THOMAS TAYLOR NICHOLSON, Boise

GEORGE JAMES PATTON, Craigmont

EDGAR RICHARD PICKETT, Caldwell

DALE SHERMAN PLINE, Nampa

WILLIAM RUSSELL PURCELL, Weiser

ANTON EDWIN SMUTNY, Twin Falls

TOMMY SHERRILL STROSCHEIN, Sterling

ARTHUR ALLEN SWENSON, Jerome

CHARLES FREDERICK SWENSON, Genesee

MERLE RONALD THIESSEN, Lewiston

BYRON RICHARD THOMAS, Filer

CHARLES MELTON THOMAS, Jerome

MELVIN ANDREW VAN DYKE, Wyckoff, N. J.

CLETUS LAWRENCE VON TERSCH, Cottonwood With High Honors

DANNY LAVERNE WARFIELD, Cambridge

JOHN HENRY WARNKE, JR., Ashton

NORMAN ORLOW WARREN, Richland, Wash.

JAMES ELMER WOMMACK, Bonners Ferry

DAVID VANCE YOUMANS, Moscow

### COLLEGE OF ENGINEERING

### Bachelor of Science in Civil Engineering

RICHARD JAMES ANDERSON, Coeur d'Alene JAMES JOSEPH KING, MOSCOW

ANDERS ANDERSSEN, Evje, Norway GENE ARLEN KISLING, Dietrich

Dale Lee Berg, Burley Tony Wing-Nin Lam, Hong Kong

ROALD BJORNLAND, Oslo, Norway Leonard Francis McKinney, Ola

CHARLES EDWARD BROCKWAY, Ketchum

With High Honors

GARY GLENN McMichael, Norh Platt, Neb.

Joseph Francis Cerniglia, Bronx, N. Y. William LeRoy Meyer, Meridian

WILLIAM FENG-JYE CHANG, Anchorage, Alaska FRED WILLIAM READ, JR., Moscow FRANK RALPH COLLETT, Grand View ROBERT ESTLE SARGENT. Murtaugh

Frank Ralph Collett, Grand View Robert Estle Sargent, Murtaugh

RALPH ROY HALSTEAD, Arco James Francis Sizemore, Post Falls

John Loring Hatch, Medford, Ore. Gary Grant Sturman, Tensed

LEONARD CARL HAYES, Georgetown

Jack Bassett Taylor, Boise

RICHARD VAUGHN IORNS, Salt Lake City, Utah

Donald Lee Whitson, Nampa

RICHARD FRUING JOHNSON Pandlaton One DONALD FLIER WOODWARD Postland On

RICHARD ERVING JOHNSON, Pendleton, Ore. Donald Ellis Woodward, Portland, Ore.

### Bachelor of Science in Electrical Engineering

ROLAND L. BASSETT, Boise RICHARD DEAN FRENCH, Twin Falls

GERRY J. BEHUNIN, Salt Lake City, Utah KENNETH WAYNE HACK, Buhl

Arnold Brauff, Ephrata, Wash. Harry Albert Haycock, Burley

RODNEY OWEN BRINK, Jerome CHARLES RICKMAN HIGGINS, Arco With High Honors

Jackie Earl Brown, Vancouver, Wash.

Carl Eugene Hymas, Heyburn
With High Honors

KENNETH MAX CHAPMAN, Twin Falls Alden Dale Johnson, Myrtle Creek, Ore.

CONRAD CLAYTON CHATBURN, Jerome ARTHUR DEAN KLEMPEL, American Falls

DARRELL RAY CHRISTENSEN, Malad DAVID ROZELL LAWS, Boise

GERALD CARL CLODIUS, Coeur d'Alene Heng Mun Low, Kuala, Lumpur, Malaya

ROBERT ELDON COLE, Hermiston, Ore. CLIFFORD SHERMAN McConville, Jr., Shelley

Ivan Lamar Crockett, Hansen David Epps Marshall, Blackfoot

DELON DONALD DALKE, Aberdeen CHARLES CLEON MITCHELL, Marsing With High Honors

THOMAS KENNEDY DAVIDSON, Alameda MILAN GLEN MOODY, Granada Hills, Calif.

WILLIAM H. DUVENDACK, Bozeman, Mont. John Alden Neilson, Burley

JERALD LEE EDSON, Nampa

IVAN SYLVESTER FRENCH, JR., Lewiston

WALTER RICHARD OELWEIN, Pocatello

RUSSELL NORMAN OLSEN, Pocatello

Herbert Junior Owsley, Hagerman
Jack Truman Řichardson, Orofino
Thomas Maberly Scharf, Boise
Max Vincent Schell, Pocatello
Floyd Frederick Soderstrom, Troy
Edward Carl Stohs, Jr., Spokane, Wash.
John Scharling Sullivan, Oakley
Franklin Jesse Thompson, Weiser
Lee Ray Thurber, Fairfield
Laroy Robert Tollbom, Sandpoint

GARY ROLAND TRONSON, Coeur d'Alene
LESLIE MERRILL WALKER, Idaho Falls
WILLIAM RAYMOND WALL, Moscow
With High Honors
GLENN LOY WHITAKER, Cambridge

DARRELL GEORGE WHITEHEAD, Rexburg
With High Honors
GERALD LEE WHITEHEAD, Rexburg
CHARLES WILLIAM WILSON, Moscow
DONALD DEAN WILSON, Coeur d'Alene
THOMAS ELLIOTT WILSON, Pocatello
WILLARD LEE WILSON, Filer

### Bachelor of Science in Mechanical Engineering

HENRY RONNIE BLECHA, Nampa MICHAEL DENISON BRANNAN, Vancouver, Wash. JOSEPH ROBERT CLIMER, Jerome LEE WALKER DAVISON, Boise With High Honors DALE GORDON FALK, Newport, Wash. JOSEPH WATTS FELTS, Elk River FRANK DEE FRISCH, Melba JAMES LOUIS GNECKOW, Boise GLEN ELLMORE GRANT, Jerome JOHN DOUGLAS HENDERSON, Rexburg JOHN BOTKIN HOCH, Ashton THOMAS MASUTSUNE IKEHARA, Kaneohe, With High Honors Hawaii RUSSELL LEE JEFFERY, Idaho Falls JAMES ALFRED LARSEN, McCammon CLYDE ALPHON LOFDAHL, Ellensburg, Wash. KENNETH CLARENCE McCartney, Mishawaka, EDWARD RALSTON McComas, Costa Mesa, Calif.

JAMES PATRICK McManus, Downey, Calif. RICHARD MOREAU MARTIN, Monteview MICKEY LEE MILLER, Clarkston, Wash. ROBERT M. MURPHY, Moscow DALE RALPH NIELSEN, Cokato, Minn. VICTOR ANTHONY PALENO, Van Nuys, Calif. RICHARD WAYNE PETERSON, Idaho Falls CHESTER JENNINGS PRIOR, Hansen FRANK ALEX RAMER, Craigmont ARTHUR DONALD SCHOLES, Spokane, Wash. THEODORE ALBERT SCHUMAKER, Hamilton, Mont. DONALD JEREMIAH SIMPSON, Lewiston WALTER CHARLES SMITH, Boise CHARLES LESLIE SUDWEEKS, Boise WILLIAM DUANE WILKERSON, Caldwell WAYNE ROBERT WINTON, Milton-Freewater,

### Bachelor of Science in Chemical Engineering

Harold Ronald Hilker, Rigby
Chong Cheong Ho, Kuala Lumpur, Malaya

ARLO JOHN JOHNSON, Lewiston

BRUCE ALEXANDER LORENZ, Kelowna, B. C.,

RICHARD LYNN MACKRILL, Weiser

JOSEPH ROOSEVELT RIPPEE, Buhl

RONALD KEITH ROGSTAD, Boise

DENNIS MARSHALL ROSS, Lewiston

ZELMA LOWELL TAYLOR, JR., Adel, Ga.

HAROLD EARL THOMAS, Lava Hot Springs

J. Brent Thomson, Teton City
Alvin Lee Tuten, Lewiston
John Reed Welker, Rexburg
Neal E. Williams, Salmon
Charles Raymond Wilson, Boise

### Bachelor of Science in Agricultural Engineering

LAWRENCE VICTOR ARMACOST, New Meadows
OLIVER BENJAMIN BACUS, Lewiston
HILARY JAMES BIEKER, Ferdinand
JOSEPH ERNEST CASS, Lompoc, Calif.
ROBERT BLAIR ELLSWORTH, Jackson, Wyo.

Delbert Wayne Fitzsimmons, Ontario, Ore.
With High Honors
ELWIN ASHBURN ROSS, Meridian
LEROY FRED SCHERER, Homedale
DALE ROY SMELCER, Priest River
ROGER CARVILLE SPARKS, Wallace

### COLLEGE OF LAW

### Bachelor of Laws

JOHN WESLEY BARRETT, Crosby, N. D.
JOHN FRANKLIN BRADY, Moscow

ALONZO FRANKLIN DAVIS, Meridian With High Honors

ALLEN RICHARD DERR, Moscow

Donald Edward Downen, Moscow John David Hansen, Idaho Falls

ANDREW MATTHEW HARRINGTON, JR., Moscow

VERN EDWIN HERZOG, JR., Moscow

EVERETT DOUGLAS HOFMEISTER, Jr., Spirit Lake

HOWARD DELAINE HUMPHREY, Moscow

ROBERT CARSON HUNTLEY, JR., Eric County,

GILBERT HARLEN KLEWENO, Endicott, Wash.

ROBERT MELLEN ROWETT, Mountain Home

PETER GREGORY SNOW, Burley

JAY LEON WEBB, Idaho Falls

LEON RICHARD WEEKS, Boise

ROBERT STARR WILLIAMS, Moscow

### COLLEGE OF MINES

Bachelor of Science in Mining Engineering

RICHARD DUANE GOTT, Moscow

DAVID GRANT MICKLE, Jr., Moscow With High Honors

### Bachelor of Science in Metallurgical Engineering

VINCENT THOMAS ARCHBOLD, Wyckoff, N. J.

JOHN PETER BACHOWSKY, Iselin, N. J.

CARL HARRY HOGBERG, Spokane, Wash.

DWYER WAYNE LAWTON, Wendell
MONTE BERT SHIRTS, Hailey
JOE FRENCH VAN EPPS, Nampa
With High Honors

### Bachelor of Science in Geological Engineering

KENNETH DUANE AXTELL, Wilder

Walter Harper Johnson, Kalispell, Mont.

DAVID GRANT MICKLE, Jr., Moscow With High Honors ERNEST EUGENE NELSON, Dillon, Mont.
CHARLES HENRY RAU, Amityville, N. Y.

### Bachelor of Science in Geology

GEORGE DURNIN AGAR, Kootenai
ROBERT EDWARD CROSBY, Caldwell
ARTHUR COOK CROY, Hope
HENRY THOMPSON HALL, Brooklyn, N. Y.

Frank Peter Heinsohn, Pacific Grove, Calif.

JOHN ORIN LANDRETH, Grangeville

HOMER LEE McEvers, Centralia, Wash.

FRANK ANASTACIO ONEIDA, Shoshone

MALKIAT SINGH SMAGH, Punjab, India

ROGER CHRIS STOKER, Shelley

ROBERT GLEN WALKER, Hayden Lake

AUSTIN LEE YOUNG, Shoshone

### Bachelor of Science in Geography

DALE JOSEPH LUDICK, Kent, O.

### COLLEGE OF FORESTRY

### Bachelor of Science in Forestry

CECIL LUCIEN ALDRICH, Kootenai

ARTELL JOHN AMOS, Sweet

JOHN AMOS BETHKE, Briarcliff Manor, N. Y.

RICHARD ALFRED BRUCKNER, JR., Burbank, Calif.

DAVID SAMUEL BRUHN, Valley City, N. D.

STANLEY BARTON CARPENTER, Sonoma, Calif.

RYDER WESLEY CHRONIC, Spokane Wash.

DURWOOD FRANKLIN COATS, Alma N. Y.

ROBERT THOMAS COATS, Boise

ERNEST BOWLBY COLLARD, Schenectady, N. Y.

GLENN LEROY CROUCH, Moscow With High Honors

STERLING PITCHFORD DAVIS, Salt Lake City,
Utah

DAN LEE DEWS, Glendale, Calif.

THEODORE EDWARD DINGMAN, Twin Falls

RAYMOND ROSS EMERSON, Spokane, Wash.

EUGENE EDWARD FARMER, Moscow

ROBERT MEAD FERGUSON, Moscow

RALPH ANDREW FINN, Council

EARL FISHBURN, Pocatello

GERALD RAYMOND FLANIK, Potlatch

JOE LEROY FRAZIER, Boise

GERALD RAYMOND FLANIK, Potlatch

JOE LEROY FRAZIER, Boise

HENRY JOSEPH GERKE, III, W. Collingswood,
N.

WILLIAM ROSS HAIGHT, Alameda

FLOYD HANNA HALL, Shoshone

DARROL LEE HARRISON, Pocatello

KENNETH ELMO HARRISON, Filer

James Rodney Howland, Payette
John DeNure Hunt, Redding, Calif.
Carl Cooper Jacobs, Missoula, Mont.
Rex S. Johnson, McCall

HOMER PARKER LEACH, Yucapia, Calif.

TED EMMETT LEACH, Bliss

JENS MICHAEL LUND, Oslo, Norway

ORVILLE BERT MCARTHUR, Moscow

JERRY LEROY MALLET, Caldwell

MILDRED BARDEN ALLEN, Lapwai

WARREN BRUCE OLNEY, Moscow

JAMES WALLACE PARKER, Warroad, Minn.

NED NEAL PENCE, Mackay

ROBERT EDWARD PIZEL, Moscow

REED EUGENE RAGAN, Rigby

THOMAS LEE REVELEY, Altadena, Calif.

RICHARD THOMAS RICE, Pocatello

LARALLE RICHARD SMITH, Kennewick, Wash.

JON ERIC SODERBLOM, Boise

KENNETH EARL SOLT, Weiser

ARTHUR EDWARD STAUBER, Pocatello

RAPHAEL JOHN STEINHOFF, LaCrosse, Wis.

STANLEY WARREN STROUP, Weston, Ore.

HARRY ARTHUR TEILMANN, Boise

DENTON ROBINSON VANDER POEL, Lancaster, Pa.

LEONARD ALLAN VOLLAND, Emmaus, Pa.

HAL A. WATSON, Townsend, Mont.

WARREN GENE WEINEL, House Springs, Mo.

THOMAS LAVERLE WELSH, Moscow

BARRY LLOYD TRUMAN WESTHAVER, Trail, B. C.

### COLLEGE OF EDUCATION

### Bachelor of Science in Education

CAROL JOYCE HARVEY ANDERSON, Lewiston
DIXIE RAE YOUNG ANDERSON, Pocatello
RONA LEE BACKSTROM, Idaho Falls
DOROTHY DENE BAUER, Moscow
With High Honors
YVONNE LARAE BENTLEY, Grangeville
JANICE ELAINE BERG, Richland, Wash.
MARILYN CLARA BERRETT, Roberts
DONNA BELLE DAVIE BEVAN, Potlatch
SHANON NEWMAN BIVENS, Payette

JOSEPH WALTER BLOOMSBURG, Worley
ELEANOR HARLAND BLUME, Genesee

JANE BONHAM, Boise
RICHARD GEORGE BOYCE, London, Eng.
With High Honors
EVELYN BEATRICE BRATTON, Osburn

WALTER RICHARD BRATTON, Osburn

MARLENE MARY GRAVEEN BRUHN, Valley City,
N. D.
ESTHER PRINS BURGESS, Moscow

ESTHER PRINS BURGESS, Moscow

Morva Marion Casey, Coeur d'Alene

Janice Ilene Chamberlain, Moses Lake,

Wash.

EDWARD BURNS CLARK, JR., Clarkfork ALVIN THOMAS HOLTERMAN, Moscow GLADYCE STROHL COBLE, Potlatch CAROLE JEAN HOWERTON, Moscow With High Honors WHAYLON DOUGLAS COLEMAN, Owensboro, Ky. JAMIE JUNITA HUGHES, Viola SANDRA LEE COMPTON, Boise NANCY LUE BACKSTROM HUTCHINS, Beaverton. SHARON SUE CONNAUGHTON, San Mateo, Calif. THURSTON LEROY INGLIS, Craigmont JANET FRANCES GABBERT CORWIN, Lewiston NONA RUTH JANTZ, Bonners Ferry ROSS RALPH COTRONEO, Lewiston MARY MADSEN JOHNSON, Moscow RUTH GIESE JONES, Lewiston JEANNE MARILYN CRANE, Lewiston VONDA LEE JONES, Lewiston PATRICIA ANNE DECKER, Grangeville With High Honors NIKE' ANNE DOERR, Boise KAY CHARLES KALBFLEISCH, Lewiston GEORGE WILLIAM DOWLING, Moscow KAY SUSAN KELLY, Boise With High Honors MARIAN JEAN DUNNING, Boise DALE EDWARD KENNEDY, JR., Boise JEAN ELIZABETH ECKERT, Davis, Calif. ROBERT HENRY KIEFER, Rathdrum MARJORIE HYATT ERSTAD, Boise SHERMAN DUANE KIRK, Moscow GERALD MICHAEL ESTES, Moscow RALPH HENRY KISTLER, Nampa MARIFRANCES GEISENDORFER FIELD, Moscow SHIRLEY ANN KLETKE, Parma PATRICIA JOAN PARKE FOSTER, Lewiston MARY SUE KNIEFEL, Parma FAY FREEMAN, Orofino JAMES ALFORD KOHL, Lewiston SANDRA LEE FRITZ, Coeur d'Alene KAREN LEE KRAMER, Castleford FREDRICK HARVEY FULLER, Emmett DONALD ALLEN KRIER, Troy DONNA MARIE GALE, Lewiston GORDON DARRELL KREISHER, Elk River NORMAN FRANCIS GEERTSEN, Moscow ARLENE PHYLLIS DENNLER LAIRD, Juliaetta RICHARD ALLAN GILBERTS, Everett, Wash. DAVID RAY LAIRD, Lewiston ALICE LOUISE GIROUX, Wallace LEONARD LEROY LAWR, Spokane, Wash. GERTRUDE JEAN CARDER GOSSELIN, Coeur J. D. LAWSON, Eloy, Ariz. d'Alene Donna Annette Grant, Payette LAURENCE JAMES LEAHY, JR., Post Falls DENNIS MACK GRAY, Nampa GEORGE FRANKLIN LINARD, Moscow KALA GRESKY, Buhl
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JOSEPH GREGG WILSON, JR., Moscow

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### Master of Arts

RAYMOND MCINTYRE COOKE, A.B., Calgary, Alberta, Canada

Major in History. Thesis: "The Role of Charles Fleetwood in the Fall of the Cromwellian

Protectorate"

FLOYD DALE FAIRWEATHER, B.A., Souris, North Dakota Major in English. Thesis: "Mary Webb: Her World"

CHARLES BENJAMIN FLATT, B.A., Moscow
Major in Philosophy. Thesis: "Implications of Sociology and Psychology for Ethical Egoism"

RICHARD DEE HUMPHREY, B.A., Moscow

Major in Political Science. Thesis: "The Scientific Method in John Dewey: Some Implications for Contemporary American Political Theory"

MICHAEL GROGAN McQuade, B.A., Moscow

Major in Political Science. Thesis: "United States Foreign Policy in Indochina, 1945 to 1958"

### Master of Science

JAMES ADRON DODDS, B.S., Boise
Major in Chemistry. Thesis: "An Investigation of Dimethylformamide as a Formylating Agent"

WILLIAM JOHN FRENCH, B.S., Massena, New York

Major in Plant Pathology. Thesis: "Evaluation of Potential Chemotherapeutants for

Cytospora spp. in Stone Fruit Trees"

HELMI SHAFIK HABIB, B.S., Cairo, Egypt

Major in Chemistry. Thesis: "The Reaction of Cobaltous Ion with Ethylenediamine and
Oxygen in Dilute Aqueous Solutions"

ROBERT WILLIAM HOLDER, B.S., Moscow

Major in Chemistry. Thesis: "Investigation of the Complexes Formed in the Reaction Between Cobaltous Ion, Diethylenetriamine, and Oxygen in Aqueous Solution"

GEORGE DAVID JOANOU, B.S., Richland, Washington
Major in Physics. Thesis: "The Effective Resonance Integral of Hafnium"

RICHARD WALLACE KEITH, B.S., Moscow

Major in Agricultural Chemistry. Thesis: "The Metabolism of Some Dihydroxy Phenolic Compounds by Verticillium Albo-Atrum"

ROBERT VERNER KESTER, B.A., South Gate, California

Major in Mathematics. Thesis: "A Characterization of Differentiable-Arc-Preserving Functions"

ROBERT BIRNEY KIMBALL, B.S., Idaho Falls

Major in Chemistry. Thesis: "An Automatic-Incline Spectrophotometer for the Determination of Uranium in the Presence of Aluminum Nitrate, Nitric Acid and Highly Radioactive Fission Products"

ARCHIE J. LATHAM, B.S., Blackfoot

Major in Plant Pathology. Thesis: "The Effect of Specific Crop Residues on an Onion Root-Rot Complex"

ERNEL LOREN LUTHER, B.A., Whittier, California

Major in Mathematics. Thesis: "An Investigation of the Limit Cycles of Van Der Pol's
Non-Linear Differential Equation"

JOSEPH WILLIAM OPPE, B.S., Marietta, Ohio
Major in Botany. Thesis: "Vegetational Changes Following the Entomological Control of
Hypericum Perforatum L."

WILLIAM EUGENE PAYNE, B.S., Idaho Falls

Major in Psychology. Thesis: "An Investigation in Northern Idaho Schools of the
Reliabilities of the Lorge-Thorndike Intelligence Tests"

Major in Chemistry. Thesis: "A Study of Indium Oxalates; Mechanism of Reaction and Exchange Rate"

### JAY ALLAN WAITZ, B.S., Moscow

Major in Zoology. Thesis: "A Survey of the Helminth Parasites of Reptiles and Amphibians in Idaho"

### RALPH WILLIAM WALKER, A.B., St. Anthony

Major in Psychology. Thesis: "The Wechsler-Bellevue Intelligence Test as an Aid in Diagnosing Juvenile Delinquency"

HERBERT DALE WARREN, B.A., Houston, Texas

Major in Chemistry. Thesis: "The Air Oxidation of Cobalt (II) Nitrate-Propylenediamine Solutions"

### Master of Science in Home Economics

BERNICE SMITH DAVIS, B.S. (H.Ec.), Moscow

Major in Home Economics. Thesis: "A Study to Determine Better Adoptive Practices and Procedures Related to the Child's Adjustment"

### Master of Science in Agriculture

RODNEY WILLIAM BOVEY, B.S. (Ag.), Winchester

Major in Agronomy. Thesis: "A Study of Growth, Composition, and Environmental Factors in the Control and Utilization of Elymus Caput-Medusae (L)."

GEORGE MAJOR CARNIE, B.S.(Ag.), Coeur d'Alene
Major in Agricultural Education. Thesis: "Evaluation of the Pre-Service Training of
Vocational Agriculture Instructors in Farm Mechanics"

DONALD HUDSON CONRAD, B.S. (Ag.), Neepawa, Manitoba, Canada

Major in Poultry Husbandry. Thesis: "Influence of Certain Dietary Factors Upon the Shell Quality of Eggs of White Leghorn Hens as Determined by Specific Gravity"

CARL EUGENE CRISP, B.S. (Ag.), Colfax, Washington

Major in Agronomy, Thesis: "The Anatomy of Spergula Arvensis with Special Emphasis
Upon Cuticular Wax Composition"

ROBERT CHURCH DAY, B.S. (Ag.), Carey

Major in Agricultural Education . Thesis: "A Study of Farm Shop Safety Throughout the Departments of Vocational Agriculture in Idaho"

EDWARD PAUL DUREN, B.S. (Ag.), Rising City, Nebraska

Major in Animal Husbandry. Thesis: "Performance of Yearling Beef Heifers on Irrigated and Non-irrigated Pastures Using the Straight Rotational System of Grazing Compared to The Daily Rationing Rotational System of Grazing"

GARY HILTON FARMER, B.S. (Ag.), Hagerman

Major in Soils. Thesis: "Evaluating Tests for Available Nitrogen in Soils"

ROBERT EVAN HIGGINS, B.S. (Ag.), Boise

Major in Agronomy. Thesis: "The Genus Cuscuta in Idaho"

DON MORGAN HUBER, B.S. (Ag.), Meridian

Major in Plant Pathology. Thesis: "The Chemotherapeutic Value of Growth Regulators for the Control of Bean Root Rot"

JOHN STONER McDonald, B.A., D.V.M., Moscow

Major in Dairy Husbandry. Thesis: "A Morphological Study of the Ovaries in Pregnant Dairy Cows"

Frank Davis Morrison, B.S. (Ag.), Murtaugh

Major in Horticulture. Thesis: "Some Factors Influencing Bud Development and Flower Formation in Broccoli"

DONALD LAVERNE PERRY, B.S. (Ag.), Sandpoint

Major in Agronomy. Thesis: "A Paired Comparison of a Complex Pasture Mixture and Four Simple Pasture Mixtures"

CLARENCE JAMES PETERSON, JR., B.S. (Ag.), Emmett

Major in Plant Pathology. Thesis: "Effect of Wheat Streak and Barley Stripe Mosaics on Plant Growth and Yield of Spring Grains"

CHARLES ROBERT STAIB III, B.S., Moscow

Major in Soils. Thesis: "Investigations on the Structure of Slick Spot and Associated Soils in Idaho"

DARRELL JACK WEBER, B.S.Ag.), Rigby

Major in Agricultural Chemistry. Thesis: "The Role of Pectic Enzymes in Verticillium Wilt of Potatoes"

### Master of Science in Civil Engineering

CLIFFORD ALBERT TAYLOR, B.S. (C.E.), Moscow

Major in Civil Engineering. Thesis: "The Application of Various Routine Laboratory Tests to the Determination of Potential Degradation of Quarry Rock in Highway Pavement"

### Master of Science in Electrical Engineering

DAVID RAY CUNNINGHAM, B.S., El Reno, Oklahoma

Major in Electrical Engineering. Thesis: "A Clip-On Ammeter for Kiloampere DC Currents"

BILL EVERETT DOZER, B.S. (E.E.), Richland, Washington

Major in Electrical Engineering. Thesis: "A Null Balance X-Ray Absorption Instrument for Chemical Process Monitoring"

ALBERT GAIL HAMP, B.S. (E.E.), Idaho Falls

Major in Electrical Engineering. Thesis: "A Reactivity Analysis of the Xenon Transient in a Light Water Moderated Reactor"

LEE MEDILL MAXWELL, B.S. (E.E.), Moscow

Major in Electrical Engineering. Thesis: "A Method for Minimizing the Length of Electric Power Line Used in Single-ended Distribution Systems"

Goang-Yih Niu, B.S.E., Taipei, Taiwan, Free China Major in Electrical Engineering. Thesis: "The Ultimate Hydro-electric Potential of North Fork Clearwater River Basin"

Pyati Sudhindranath, Osmania Univ., Advocate, Bellary, India

Major in Electrical Engineering. Thesis: "Electrical Cooking and Automatic Control for the Continuous Manufacture of Cheese"

### Master of Science in Mechanical Engineering

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Major in Mechanical Engineering. Thesis: "An Investigation of Heat Transfer Coefficients for Steam-Water Mixtures"

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Major in Mechanical Engineering. Thesis: "An Automatic Film Badge Processing Machine"

### Master of Science in Chemical Engineering

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Major in Chemical Engineering. Thesis: "Determination of Vaporization Equilibrium Constants Above the Critical Temperature"

CHENG-CHIEN HSU, B.E. (Engr.), Taipei, Taiwan, China

Major in Chemical Engineering. Thesis: "Development of a Process for the Recovery of Oil from Safflower Seed"

HSIANG-SUNG LU, B.S., Taipei, Taiwan, China

Major in Chemical Engineering. Thesis: "A Study of Asphalt Emulsion Treatment of
Degrading Aggregates"

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Major in Chemical Engineering. Thesis: "The Electrochemical Oxidation of Potato Starch"

GEORGE REY, B.S. (Ch.E.), Kennewick, Washington

Major in Chemical Engineering. Thesis: "Entrainment from a Submerged Combustion Evaporator"

### Master of Science in Agricultural Engineering

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Major in Agricultural Engineering. Thesis: "A Water Balance Study of Two Small Watersheds"

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Major in Agricultural Engineering. Thesis: "A Study of Climatological Data to Determine the Feasibility of Drying Idaho Grain Corn with Natural Unheated Air"

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Major in Agricultural Engineering. Thesis: "An Evaluation of Teaching the 4-H Electric

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Major in Agricultural Engineering. Thesis: "The Design of a Metering Device to Broadcast
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ROBERT LLOYD McFall, B.S.(Ag.E.), Wichita, Kansas

Major in Agricultural Engineering. Thesis: "Flow Measurement with Weirs Having an
Appreciable Velocity of Approach"

LARRY GENE WILLIAMS, B.S.(Ag.E.), Moscow

Major in Agricultural Engineering. Thesis: "The Use of Heated and Unheated Air For Drying Shelled Corn in Idaho"

DOSSIE WILLIAM WORKS, B.S., Moscow

Major in Agricultural Engineering. Thesis: "The Barn Curing of Alfalfa Hay with Forced Ventilation Under Northern Idaho Conditions"

### Master of Science in Metallurgical Engineering

ARDEN LEE BEMENT, JR., B.S. (Met.E.), Richland, Washington
Major in Metallurgical Engineering. Thesis: "The Effects of Low Neutron Exposures at
Low Temperatures on the Hardness and Tensile Properties of Natural Uranium"

WILLIAM WESLEY STALEY, JR., B.S. (Min.E.), Moscow
Major in Metallurgical Engineering. Thesis: "Beneficiation of the Mason-Dixon Ore"

### Master of Science in Geology

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BILLY FRANCIS KERN, B.S., Moscow

Major in Geology. Thesis: "Geology of the Uranium Deposits near Stanley, Custer County, Idaho"

RICHARD SIGMUND KOPP, B.S., Fredonia, New York

Major in Geology. Thesis: "Petrology and Structural Analysis of the Orofino Metamorphic Unit"

DENIS LE MOINE, B.S. (Geol.), Moscow

Major in Geology. Thesis: "Thorite Deposits and General Geology of the Hall Mountain Area, Boundary County, Idaho"

ANDREW JEROME NALWALK, B.A., Canaan, Connecticut
Major in Geology. Thesis: "Geology of a Portion of Southern Portneuf Range, Idaho"

DAVID MARTIN SCHWARZE, B.S. (Geol.), Idaho Falls Major in Geology. Thesis: "Geology of the Lava Hot Springs Area"

LESTER OSCAR STOREY, B.S., Grangeville
Major in Geology. Thesis: "Geology of a Portion of Bannock County, Idaho"

### Master of Science in Forestry

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Major in Forest Economics. Thesis: "Small Woodland Ownerships in Northern Idaho"

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Major in Forest Management. Thesis: "A Study of Leader Elongation in Western White Pine"

ROBERT EARL JONES, B.S. (For.), Bottineau, North Dakota

Major in Wildlife. Thesis: "The Effect of Magpie Predation on Pheasant and Waterfowl
Populations in Southern Idaho"

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Major in Wildlife Management. Thesis: "Salt as a Management Tool and Migration Studies of Elk in the Lower Selway River Drainage of Idaho"

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Major in Range Management. Thesis: "A Study of the Relative Utilization of Important
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Major in Wildlife Management. Thesis: "A Study of Breeding and Reproduction in a Sage
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Major in Forest Management. Minor in Social Sciences. Comprehensive Examination.

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MOUINE FAHED ZOGHET, B.S. (For.), Katana, Damascus, Syria, U.A.R. Major in Forest Management. Minor in Wood Utilization. Comprehensive Examination.

### Master of Science in Education

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Major in Education. Thesis: "A Study and Analysis of Spelling Errors of Seventh Grade Students"

GEORGE ALAN GOULD, B.S., Reubens

Major in Education. Thesis: "An Analysis of State Tax Programs and Apportionment Formulae for Educational Purposes in the United States"

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Major in Education, Minor in Administration. Comprehensive Examination.

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Major in Education. Minor in Administration. Comprehensive Examination.

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RONALD GENE DUNN, B.A., Harlowton, Montana

Major in Education. Minor in Physical Education. Comprehensive Examination.

WAYNE BARTLETT FAGG, B.S., Wendell
Major in Education. Minor in Administration. Comprehensive Examination.

DOUGLAS FARROW, B.S., Idaho Falls

Major in Education. Minor in Elementary Education. Comprehensive Examination.

RICHARD WARREN FIKE, B.A., Nezperce
Major in Education, Minor in Administration. Comprehensive Examination.

LEWIS JOHN GOURLEY, B.S. (Ed.), Idaho Falls
Major in Education. Minor in Administration. Comprehensive Examination.

MILDRED JEAN GREEN, B.S.(Ed.), Oxnard, California
Major in Education. Minor in Elementary Education. Comprehensive Examination.

CLAYTON CARL HAMPEL, B.S., Grangeville
Major in Education. Minor in Guidance. Comprehensive Examination.

RICHARD OLIVER HANSEN, B.S., Salt Lake City, Utah Major in Education. Minor in Guidance. Comprehensive Examination.

DONALD FRANCIS HARRISON, B.S. (Ed.), Bakersfield, California Major in Education. Minor in Physical Education. Comprehensive Examination.

EDWIN STANTON HARRISON, B.A., Moscow

Major in Education. Minor in Administration. Comprehensive Examination.

RAYMOND JULIAN HEGG, B.S. (Ed.), Moscow Major in Education. Minor in Mathematics. Comprehensive Examination.

FRANK WALLACE HUTCHISON, B.S. (Ed.), Wallace
Major in Education. Minor in Administration. Comprehensive Examination.

CARROLL RICHARD JOHNSON, B.A., Clarkston, Washington Major in Education. Minor in Administration. Comprehensive Examination.

GERALD WENDELL JORGENSEN, B.S.(Ed.), Idaho Falls
Major in Education. Minor in Physical Education. Comprehensive Examination.

PATRICK DOUGLAS KAUFMAN, B.A., Sandpoint

Major in Education. Minor in Administration. Comprehensive Examination.

GARY EUGENE KENWORTHY, B.S. (Ed.), Moscow
Major in Education. Minor in Physical Education. Comprehensive Examination.

SHERMAN DUANE KIRK, B.S. (Ed.), Payette
Major in Education. Minor in Physical Education. Comprehensive Examination.

DAVID LEE LANGE, B.S. (Ed.), Clarkston, Washington
Major in Education, Minor in Administration, Comprehensive Examination.

JAMES ALBERT LIPP, B.S., Bismarck, North Dakota
Major in Education. Minor in Biological Sciences. Comprehensive Examination.

LARRY GRAYDON LOONEY, B.S. (Ed.), Fruitland
Major in Education. Minor in Administration. Comprehensive Examination.

VERNON LEE LOWRY, B.S. (Ed.), St. Maries

Major in Education. Minor in Administration. Comprehensive Examination.

SIDNEY WALTON MILLER, B.S. (Ed.), Grangeville
Major in Education. Minor in Administration. Comprehensive Examination.

DONNELLY EMMETT O'NEILL, B.S. (Ed.), Mountain Home Major in Education. Minor in Administration. Comprehensive Examination.

CECIL ANDREW OLSEN, B.A. (Ed.), Camas, Washington
Major in Education. Minor in Elementary Education. Comprehensive Examination.

FRANK EUGENE PARK, B.A. (Ed.), Elgin, Oregon

Major in Education. Minor in Administration. Comprehensive Examination.

MORGAN PLANT, B.S., Nampa
Major in Education. Minor in Administration. Comprehensive Examination.

DOROTHY MAY PURSER, B.S., Rigby
Major in Education. Minor in Physical Education. Comprehensive Examination.

ROGER ARDEN RANTA, B.S. (Ed.), Kooskia

Major in Education. Minor in Administration. Comprehensive Examination.

RICHARD BENIDICT ROCHE', B.S. (Ed.), Reno, Nevada
Major in Education. Minor in Administration. Comprehensive Examination.

REX STEINBECK ROPER, B.S., Grace
Major in Education. Minor in Administration. Comprehensive Examination.

RAMON ROYAL ROSS, B.A.(Ed.), Walla Walla, Washington Major in Education. Minor in Guidance. Comprehensive Examination.

ALFRED E. STARNS, B.S., Coolidge, Arizona
Major in Education. Minor in Administration. Comprehensive Examination.

JAMES WARREN TODD, B.A.(Ed.), Buhl
Major in Education. Minor in Physical Education. Comprehensive Examination.

JAMES LOUIS TROWBRIDGE, B.S. (Ed.), Wallace
Major in Education. Minor in Physical Education. Comprehensive Examination.

DONALD EDMUND WHITE, B.A., Lewiston

Major in Education. Minor in Physical Education. Comprehensive Examination.

LORINE MONTANA BOWERS WILKINSON, B.S. (Ed.), Harrison Major in Education. Minor in Administration. Comprehensive Examination.

MONTE GLEN WORLE, B.A. (Ed.), Lewiston

Major in Education. Minor in Administration. Comprehensive Examination.

JANE ACKERMAN WYLLIE, B.A., Bay City, Michigan

Major in Education, Minor in Elementary Education, Comprehensive Examination.

### Master of Science in Music Education

RICHARD GRIFFITHS MANSFIELD, B.S. (Mus.Ed.), Twin Falls Major in Music Education. Thesis: "A Survey of Summer Music Programs in Idaho"

GEORGE LAURANCE MOWRY, A.B., North Plate, Nebraska
Major in Music Education. Minor in Education. Comprehensive Examination.

Nona Franklin Olsen, B.A. (Ed.), Camas, Washington

Major in Music Education. Thesis: "Music-Preventive and Curative in the Problems of Juvenile
Delinquency"

ROBERT STEPHENS STALEY, B.A., Seattle, Washington

Major in Music Education. Thesis: "A Survey and Evaluation of Values in the Secondary
Christian School Music Competition Festival"

ELMER WILFORD STITZLEIN, Jr., B.S. (Ed.), Kendrick
Major in Music Education. Thesis: "A Survey and Interpretation of Vocal Music in the
Public Schools of Idaho"

### Master of Business Education

RAYMOND WILLIAM HELEY, B.A., Idaho Falls
Major in Business Education. Minor in Education. Comprehensive Examination.

G. C. THOMPSON, B.S. (Ed.), Carlsbad, New Mexco
Major in Business Education. Minor in Education. Comprehensive Examination.

# Professional Degrees

### Civil Engineer

ARVAL LLOYD ANDERSON, B.S. (C.E.), Ogden, Utah
Major in Civil Engineering. Thesis: "Forest Road Engineering by Photogrammetric Methods"

WILLIAM VAUGHN IORNS, B.S. (C.E.), Salt Lake City, Utah

Major in Civil Engineering. Thesis: "Segregation of Irrigation and Power Storage in Bear
Lake Reservoir"

### Commissions

APPOINTED AS SECOND LIEUTENANTS IN THE UNITED STATES ARMY

WILLIAM DONALD ALBERTSON

CHARLES CLEON MITCHELL

ALONZO FRANKLIN DAVIS

THEODORE ALBERT SCHUMAKER

# APPOINTED AS SECOND LIEUTENANTS IN THE UNITED STATES ARMY RESERVE

KENT LEROY AHLSCHLAGER
HENRY RONNIE BLECHA
KEITH PATTERSON BINGHAM
BILL BONNICHSEN
RODNEY OWEN BRINK
CHARLES EDWARD BROCKWAY
BRUCE RICHARD CAIRNS
STANLEY BARTON CARPENTER
JOSEPH FRANCIS CERNIGLIA
WILLIAM WALLACE DEAL
JOHN DOUGLAS HENDERSON
ROBERT JOHN KOPKE
RICHARD ARTHUR KOSTER

PAUL DAVID MCCABE
JAMES MICHAEL MCDONALD
WILLIAM KENNETH MCDONALD
JOHN ALDEN NEILSON
WADE NAYLOR PATTERSON
THOMAS LEE REVELEY
FREDERICK LEONARD RINGE
JOHN ALLEN ROSHOLT
GERALD LOUIS SCHIERMAN
FLOYD FREDERICK SODERSTROM
GARY GRANT STURMAN
J. BRENT THOMSON
GARY ROLAND TRONSON

### COMMISSIONED AS ENSIGNS IN THE UNITED STATES NAVY

JOHN W. CIBOCI GERALD D. HAUXWELL ALVIE M. JOHNSON ARLO J. JOHNSON CLYDE A. LOFDAHL DAVID E. RANDOLPH DAVID R. ROSCOE L. W. SLOCUM ROGER C. SPARKS

### COMMISSIONED AS SECOND LIEUTENANTS IN THE UNITED STATES MARINE CORPS

ZELMA L. TAYLOR, JR.

### COMMISSIONED AS ENSIGNS IN THE UNITED STATES NAVAL RESERVE

PAUL W. BAKER LEONARD P. MILLER JAMES P. McManus

# COMMISSIONED AS SECOND LIEUTENANTS IN THE UNITED STATES MARINE CORPS RESERVE

JAMES E. GIVAN JERRALD E. GILES JERRY L. SMYTHE

TO BE COMMISSIONED AS ENSIGN IN THE UNITED STATES NAVAL RESERVE UPON COMPLETION OF SUMMER TRAINING OR SUMMER SCHOOL

RONALD R. THOMAS

# TO BE COMMISSIONED AS SECOND LIEUTENANTS IN THE UNITED STATES AIR FORCE RESERVE

RICHARD A. BRUCKNER, JR.
JAMES E. BURT
RICHARD D. ESKELIN
CARL E. HYMAS
VAL R. JOHNSON

GENE A. KISLING RICHARD L. MACKRILL CLYDE H. SHEPPARD WILLIS E. SMITH CLETUS L. VON TERSCH

# TO BE COMMISSIONED AS SECOND LIEUTENANTS UPON COMPLETION OF SUMMER CAMP

HAROLD R. HILKER

# Citation of Merit Upon Retirement

LEWIS M. MESSERSMITH,

Shop Instructor in Agricultural Engineering and Assistant Shop Technologist, Jr.

# Honorary Degrees

Doctor of Laws

LAWRENCE H. CHAMBERLAIN, New York City, N.Y.

Doctor of Literature

INEZ CALLAWAY ROBB, New York City, N.Y.

Doctor of Science

CARL G. PAULSEN, Washington, D.C.

# Special Awards to Graduating Seniors

AIR FORCE ASSOCIATION AWARD—Cadet Lt. Col. James Earl Burt, Emmett, has been awarded the annual Air Force Association Silver Medal Award for outstanding leadership, military demeanor, scholastic achievement in general and military subjects, including summer camp field work.

AIR FORCE ROTC AWARD—This award was provided by the Idaho AFROTC and presented to an outstanding senior for demonstrated leadership and scholastic achievement. The graduating senior who received this award for 1959 was Cadet Col. Harold R. Hilker, Rigby.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN (Moscow Branch)—The local Moscow Branch of the A.A.U.W. presents a one year membership in A.A.U.W. to an outstanding senior woman. For 1959 this award has gone to Diana Kay Conrad, Castleford.

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS—This society presents a gold key and certificate, as an honor award for conspicuous student activity, to senior members of the student chapter. Selected to receive the award this year were: Delbert W. Fitzsimmons, Ontario, Oregon, and Dale R. Smelcer, Priest River.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS AWARD—This society awards a certificate, a badge of membership, and a subscription to the society's technical publication to the member of the student chapter making the highest scholastic average for the freshman and sophomore years. J. Reed Welker, Rexburg, won the award for the current class.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS AWARD—The American Institute of Electrical Engineers awards a certificate of recognition to the graduating senior who makes the most outstanding contribution to the student branch of the Institute. The winner of this award for 1959 was Charles R. Higgins, Howe.

AMERICAN LEGION DUDLEY LOOMIS POST AWARD—The Dudley Loomis Post No. 6 gives an annual award of a complete set of insignia to the outstanding Army ROTC graduate. The winner of this award for 1959 was Cadet Lt. Col. Paul D. McCabe, St. Maries.

AMERICAN LEGION DUDLEY LOOMIS POST AWARD—The Dudley Loomis Post No. 6 gives an annual award of a complete set of insignia to the outstanding Navy ROTC graduate. The winner of this award for 1959 was Cadet Lt. Arlo John Johnson, Lewiston.

AMERICAN LEGION DUDLEY LOOMIS POST INSIGNIA SET—Cadet Lt. Col. Carl E. Hymas, Heyburn, is presented this award as an outstanding Air Science IV ROTC Cadet Officer for demonstrated leadership and scholastic achievement.

AMERICAN SOCIETY OF CIVIL ENGINEERS AWARD—The Spokane Section of the American Society of Civil Engineers makes an award to the civil engineering senior who has written the best paper on an engineering subject. The winner of this award for 1959 was Jack B. Taylor, Boise.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS AWARD—This society awards a certificate of recognition to the graduating senior who has made the greatest contribution to his student branch of the society. The 1959 award went to Richard W. Peterson, Idaho Falls. The Inland Empire Section awards associate memberships in the organization and cash prizes to graduating mechanical engineering students who present the best papers before the section in competition with students from Washington State College and Gonzaga University. The winner for 1959 was Donald J. Simpson, New York, N.Y.

AMERICAN SOCIETY FOR TESTING MATERIALS—This society awarded complimentary student memberships for the 1958-59 academic year to five engineering students. They are: Joseph E. Cass, Lompoc, California, Arlo J. Johnson, Lewiston, Charles E. Brockway, Ketchum, Rodney O. Brink, Jerome, and Lee W. Davison, Boise.

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION AWARD—Cadet Lt. Col. Carl E. Hymas, Heyburn, has been awarded the 1959 Armed Forces Communications and Electronics Association Award for an outstanding senior AFROTC Cadet majoring in Electrical Engineering.

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION AWARD—This medal is awarded to the Army ROTC senior majoring in Electrical Engineering who has demonstrated outstanding qualities of military leadership, high moral character, aptitude for military service and has distinguished himself through his accomplishments in recognized campus activities. The winner of this award for 1959 was Cadet Captain Charles C. Mitchell, Marsing.

ARMY ROTC DISTINGUISHED SENIOR AWARD—The Army ROTC presents a Gold Medal Award to the most distinguished senior Army ROTC student, based on leadership and scholarship for the academic year. The winner of this award for 1959 was Cadet Lt. Col. J. Brent Thomson, Teton City.

ATTIC CLUB ART PRIZES—The Attic Club, an organization of Art and Architectural students, provides annually \$150 to be divided into three prizes each for juniors and seniors in Art. Winners are selected by jury on basis of work accomplished in the respective years. Winning this award for 1959 were John Thamm, Spokane, Wash.; Roger Seitz, St. Louis, Mo.; Duane Shinn, Moscow.

BOYER PLAQUE—Mrs. Katy Boyer has provided a plaque upon which is engraved the name of the senior woman graduating with a major in Physical Education who has the highest four-year scholastic average. Marilyn Crane, Lewiston, was the winner of this honor for 1959.

CONVAIR AWARD—The Convair Division of General Dynamics Corporation has created an annual award for scholarship and interest in aviation to go to a graduating Naval ROTC midshipman. The award consists of a miniature Convair airplane and a certificate of merit. The 1959 senior receiving this award was Cadet Lt. Arlo John Johnson, Lewiston.

DAUGHTERS OF AMERICAN REVOLUTION NAVAL ROTC AWARD—A plaque has been presented by the Idaho Daughters of the American Revolution for an annual NROTC award. The name of the graduating midshipman who, by his leadership and officer-like qualities, has contributed most to the advancement of the University of Idaho and the University NROTC program is inscribed on this plaque. The recipient for 1959 was Cadet Lt. Clyde Lofdahl, Ellensburg, Washington.

DISTINGUISHED AIR FORCE ROTC GRADUATE CERTIFICATE — This certificate is awarded to selected graduates who have completed the AFROTC program in an exemplary manner. The distinguished graduates for 1959 were: Cadet Lt. Col. Carl E. Hymas, Heyburn; Cadet Lt. Col. James E. Burt, Emmett; Cadet Lt. Col. Richard L. Mackrill, Weiser; Cadet Lt. Col. Richard D. Eskelin, Boise, and Cadet Lt. Col. Cletus L. Von Tersch, Cottonwood.

Hamilton Watch Award—The Hamilton Watch Company has established an award to encourage greater understanding of the social sciences and humanities among engineering students. The award, an engraved Hamilton watch, is to be presented to the graduating engineering senior who has most successfully combined proficiency in his major field of study with notable achievements in the social sciences and humanities. The award this year went to Chong C. Ho, Malaya.

NORMAN F. HINDLE AWARD—This award is in memory of Professor N. F. Hindle, former Head of the Mechanical Engineering Department. It is in the form of a plaque and a gift and is made annually to an outstanding mechanical engineering student. Winner of the 1959 award is Thomas M. Ikehara of Kaneohe, Hawaii.

IDAHO CONGRESS OF PARENTS AND TEACHERS—This state educational organization makes annual awards of certificates of merit to outstanding graduates in Education. The awards this year have gone to Virginia Louise Monson, Coeur d'Alene, and Ross Ralph Cotroneo, Lewiston.

IDAHO EDUCATION Association—This association has presented a permanent plaque to the College of Education. Each year there is engraved upon it the name of an outstanding graduate in Education who is a member of the Student National Education Association. The award for 1959 has gone to Mary Sue Kniefel, Parma.

IDAHO SCHOOL TRUSTEES ASSOCIATION—This organization of Idaho school trustees each year makes an award of \$100 to a graduate from the College of Education who is an exceptionally promising Idaho teacher. For 1959 this award has gone to Ronald George Osborn, Vero Beach, Florida.

IDAHONIAN ATHLETIC MERIT AWARD—The Daily Idahonian presented the University with a plaque upon which is inscribed annually the name of the athlete who has contributed most to the good of the team and the sport in which he participated. The recipient of this award for 1959 was Robert Don Dehlinger, Inglewood, California.

IDAHO SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS—This society has provided a plaque upon which is inscribed the name of the outstanding senior majoring in accounting. The society also presents a key to be awarded to this same senior. For 1959, this award has been made to Jack Joseph Streibick, Clarkston, Washington.

Lawyers' Title Award—The Lawyers' Title Insurance Corporation offers an annual prize of \$100 to the graduating senior who is most proficient in Real Property Law. The 1959 senior receiving the above award was John David Hansen, Idaho Falls.

Marine Corps Gazette Award—This award consists of a subscription to the "Marine Corps Gazette" and a two-year membership in the Marine Corps Association and is awarded annually to the outstanding graduating Marine candidate. For 1959, this award has been made to Cadet Comm. Zelma Lowell Taylor, Jr., Adel, Georgia.

Moscow Naval Reserve Company Award—The Moscow Naval Reserve Company No. 13-37 has created an annual award to be presented to the outstanding graduating NROTC contract midshipman. The award consists of a plaque upon which each year is inscribed the name of the midshipman so honored and a one-year subscription to the Navy Times. The 1959 senior receiving this award was Cadet Lt. (j.g.) Paul Winston Baker, Montpelier.

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION CITATION—The National Defense Transportation Association awards a gold Key to twenty most outstanding General Military Science Army ROTC cadets in the United States whose major field is in an area of interest to the Transportation Corps, United States Army. The 1958-59 winner of this citation was Cadet Captain Charles E. Brockway, Ketchum.

NAVAL INSTITUTE AWARDS—One-year memberships in the Naval Institute and subscriptions to the "Naval Institute Proceedings" are awarded annually to the graduating Regular Midshipman and the graduating Contract Midshipman who have stood highest in the senior class in Naval Science. The seniors for 1959 who received these awards were: Regular Midshipman Roger Carville Sparks, Wallace, and Contract Midshipman Paul Winston Baker, Montpelier.

NAVAL ROTC GOLD MEDAL AWARD—The NROTC Unit gives an annual award consisting of a gold medal to the graduating Midshipman who during his senior year receives the highest combined mark for scholastic achievement in Naval Science and aptitude for military service. The award for 1959 has been made to senior midshipman Arlo John Johnson.

NORTH IDAHO FORESTRY ASSOCIATION AWARD—This award is presented each year to the senior graduating from the College of Forestry whose prospect of future professional achievement is most promising. The award consists of an engraved wrist watch. For 1959, James R. Howland, Payette, was selected to receive this honor.

PHI ALPHA DELTA AWARD—This national professional legal fraternity engraves each year on the William E. Borah memorial plaque the name of the member of the graduating class who has made the highest scholastic average during the first five semesters of the law course. This year the honor has gone to Alonzo Franklin Davis, Meridian.

PHI DELTA KAPPA—The University of Idaho Chapter of this National Professional Fraternity in Education makes two awards of \$50 each to one undergraduate male and to one graduate male in Education. For 1959, Robert Leo Prestel (graduating senior), Indianapolis, Indiana, and Gordon Bennett Taylor (graduate), Garfield, Washington, were selected for these awards.

SIGMA ALPHA IOTA AWARD—This award is given to the graduating senior girl in Sigma Alpha Iota, women's national music fraternity, with the highest cumulative grade point for her college career. For 1959 this award has gone to Joan Marie Fisher, Blackfoot.

SIGMA DELTA CHI CERTIFICATE—This national professional journalism fraternity designates a graduating student to receive a certificate of merit as the outstanding male graduate in journalism. The senior so honored in 1959 was James Robert Golden, Boise.

SIGMA DELTA CHI SCHOLARSHIP AWARD—This award, which consists of a certificate of merit, is made to a graduate in journalism who stands in the upper 5 per cent scholastically in his or her graduating class. The entire college record in all subjects is considered. The winner for 1959 was George Melvin Fowler, Oklahoma City, Oklahoma.

J. R. Simplot Award—The J. R. Simplot Company makes available a \$100 cash award and certificate which is presented annually to the student in the College of Mines showing the greatest promise and achievement. This award has gone to David G. Mickle, Jr., Bethesda, Maryland.

Society of Automotive Engineers—The Spokane-Intermountain Section of this society awards cash prizes to graduating engineering students who present the best papers before the section in competition with students from Washington State College and Gonzaga University. Winners of the 1959 awards were: Henry R. Blecha, Nampa, and Edward R. McComas, La Habra, California.

Superior Senior Cadet Ribbon Award—The Department of the Army presents annually a ribbon and certificate to the outstanding Senior cadet based on military and academic leadership, military and academic scholarship, and demonstrated qualities of discipline, courtesy and character. The winner of this award for 1959 was Cadet Lt. Col. Alonzo Franklin Davis, Meridian.

ARTHUR L. SWIM AWARD—This award is made to a graduating senior who has demonstrated creative scholarship and attainment throughout the breadth of his college career. The award is a silver bowl presented by H. Dudley Swim, in honor of his father, a former Regent of the University. For 1959 this award has been made to Iain Joseph Wilson Baxter, Alberta, Canada.

W. A. Tarr Award—Sigma Gamma Epsilon, national professional earth science society, presents a certificate known as the W. A. Tarr Award to the student graduating in one of the earth sciences who is outstanding in scholarship, leadership and personality. The winner of this award for 1959 was Richard D. Gott, Enid, Oklahoma.

U.B.E.A.-SMEAD PROFESSIONAL AWARD—The United Business Education Association in cooperation with the Smead Manufacturing Company offers an Award of Merit for Outstanding Achievement in Business Education to the outstanding graduating senior in Business Teacher Education. The Award winner is determined by vote of the seniors majoring in business teacher education. The 1959 award was won by Shirley Henriksson, Kootenai.

WALL STREET JOURNAL AWARD—The Wall Street Journal provides a medal and subscription to the "Wall Street Journal" to be awarded to a senior graduating from the College of Business Administration. This award is made on the basis of outstanding achievement in college work. For 1959, the recipient was Kenneth Patterson Bingham, Burley.

XI SIGMA PI AWARD—This national forestry honorary presents each year to the outstanding senior graduating from the College of Forestry an award consisting of the initial membership fee in a professional society. Selection for this award is made on the basis of scholarship, personality, participation in student affairs and promise of future achievement. For 1959, James R. Howland, Payette, was selected to receive this honor.

# Gifts

Many gifts are made each year to the University of Idaho to encourage scholarship, assist deserving students, finance research and provide for a greater University. It is with pleasure that the University gives recognition here to the generous donors of gifts received since the last commencement.

ABBOTT LABORATORIES—Abbott Laboratories, North Chicago, Ill., gave the College of Agriculture \$1,500 to investigate the effect of arsanilic acid and antibiotic supplements in poultry rations. They also gave the Agricultural Chemistry Department antibiotics for use in nutrition studies.

ALUMINUM COMPANY OF AMERICA—A number of Alcoa publications have been given to the College of Engineering as student references.

AMCHEM PRODUCTS Co.—This Ambler, Penn., company contributed various weed chemicals for research studies.

AMERICAN CYANAMID COMPANY—The American Cyanamid Company contributed \$2,000 for a grant to conduct vibrosis research at the Caldwell Branch Station and chemicals for research by the Departments of Veterinary Science and Agronomy.

AMERICAN DAIRY ASSOCIATION—The College of Agriculture received \$9,460 for partial support of studies in the effect of advertising dairy products.

AMERICAN INSTITUTE OF ARCHITECTS—A major portion of travel expense for a student delegate to attend the Fourth Annual AIA Student forum was provided by the institute in the sum of \$167.38.

Bernard Anderson, et al—Bernard Anderson, Caldwell, temporary secretary-treasurer, Idaho Lime Products Co., and others, gave \$900 to support a study to evaluate the value of calcium carbonate deposits in Owyhee County as a potential source of calcium for use in the poultry industry.

ARMOUR AND COMPANY RESEARCH LABORATORIES—Pituitary harmones were supplied to the Dairy Husbandry Department for research in dairy cattle breeding by the Kansas City, Mo., laboratory.

S. M. Barton—S. M. Barton, Boise, presented the University Library with the historical document entitled "Mineral Evaluation of the Cheyenne-Arapaho Indian Lands Covering Parts of Colorado, Kansas, Nebraska and Wyoming as of October 14, 1865."

EDITH BETTS AND MABEL LOCKE—A \$50 physical education scholarship for entering freshman women has been established by Mabel Locke, chairman of Physical Education for Women, and Edith Betts, a member of the faculty.

Boise Cascade Corporation—This Boise company gave the Department of Agricultural Economics 2,600 containers for research in the effectiveness of cardboard containers for shipping Idaho potatoes.

RAYMOND J. BOWERS—Raymond J. Bowers, Los Angeles, Calif., presented an issue of the New York Herald dated March 11, 1863 to the University Library Archives. The issue represents the journalism of the period and also contains a column on Idaho—"the new Rocky Mountain Territory."

BREIDERT COMPANY—The Breidert company of San Fernando, Calif., presented two galvanized Aix-X-Hausters to the Animal Husbandry Department.

WILLIAM C. Brown—William C. Brown, Lewiston, presented the University Library with volumes I, II and III of his writings and a three-volume set of the "Appraisal of Nez Perce Reservation Land Ceded to the United States of America."

CACHE VALLEY BREEDING ASSOCIATION—The Cache Valley Breeding Association gave \$150 for travel funds for the University of Idaho Dairy Husbandry Judging Team.

California-Pacific Utilities Company—A contribution of \$80 was received from this San Francisco, Calif., company for Idaho Farm Electrification activities for 1959.

EDWARD A. CEBULL—The Department of Humanities received from Edward A. Cebull, Berkeley, Calif., who is a former member of the English faculty, an unabridged edition of the Merriam-Webster dictionary.

CLA-VAL COMPANY—The Cla-Val company of Mercer Island, Wash., gave the Civil Engineering Department valve equipment for the hydraulics laboratory.

George L. Crookham, Jr.—A seed cleaning machine was given to the Parma Branch Experiment station by George L. Crookham, Jr. of the Crookham Company of Caldwell. Mr. Crookham, in addition, gave the Idaho Bureau of Mines and Geology a four-wheel drive International Travelall.

Mr. AND Mrs. Earl David—Mr. and Mrs. Earl David of Moscow presented the University Library with 772 books and 89 pamphlets.

A. DARIUS DAVIS FAMILY FOUNDATION—The University received \$4,000 from the A. Darius Davis Family Foundation for the benefit of living groups on the campus.

ELSWORTH DAVIS FAMILY FOUNDATION—This foundation gave \$3,500 to the Board of Regents for the benefit of living groups on the campus.

MILTON AUSTIN DAVIS FOUNDATION, Inc.—A gift of \$3,000 to the Board of Regents for the benefit of living groups on the campus was received from this foundation.

TINE WAYNE DAVIS FOUNDATION, INC.—The Tine Wayne Davis Foundation, Inc., gave \$3,000 to the Board of Regents for the benefit of living groups on the campus.

DISTILLATION PRODUCTS INDUSTRIES (Division of Kodak Co.)—The Animal Husbandry Department was supplied with vitamin E concentrate for the study of the prevention of white muscle disease in calves and lambs.

PHELPS DODGE FOUNDATION—This New York foundation gave \$100 to match funds donated by Vance N. Bacon, under an employe matching plan.

Donor Oberdorfer Foundries, Inc.—This company gave the Agronomy Department two rotary gear pumps for use in weed control studies.

Dow CHEMICAL COMPANY—This Midland, Mich., company matched a \$75 gift of Donald J. Dirkse, and a \$10 gift from James E. Huff under the Dow Matching Grant Plan for Higher Education. It also gave chemicals for research in swine and sheep and weed control.

DROPPING, KELLEY AND FINCH—The Boise architecture firm presented \$200 for the Art and Architecture Scholarship fund.

DRYDEN POULTRY BREEDING FARM—This Modesto, Calif., company gave the Poultry Husbandry Department 150 California Grays for research purposes.

Du Pont Company—The Agronomy Department received chemicals for weed control studies from the Du Pont company of Wilmington, Del., and the Engineering Experiment Station received plastic material for stock pond lining research.

FIRST SECURITY FOUNDATION—The First Security Foundation presented \$1,000 for scholarships and \$200 for library purposes to the College of Business.

DR. RICHARD F. FOLEY—Dr. Richard F. Foley, assistant horticulturist at the Parma Branch Station, gave the Department of Horticulture eight valuable volumes of "The Fruits of New York."

Dr. Thomas C. Galloway (Evanston, Ill., United Fund)—Dr. Thomas C. Galloway, graduate of the University of the class of 1907, well-known for his work with bulbar poliomeylitis, presented a designated gift through the Evanston United Fund of \$1,000 for the Alumni Scholarship Fund.

WILLIAM C. GEDDES—A special fund in honor of William C. Geddes, former University of Idaho regent who died recently in Lewiston, has been established by his family to provide an award to the sophomore student in the College of Forestry who has made the greatest improvement over his freshman year.

General Electric Educational and Charitable Fund—Under General Electric's Corporate Alumnus Program for aiding education, the following University of Idaho Alumni presented gifts: H. C. Carroll, \$100; K. K. Dedrick, \$10; G. Drenker, \$10; D. B. McDevitt, \$20; G. W. Pomeroy, \$5; R. R. Strachan, \$25, and J. L. Thomason, \$20. This firm matches any cash gift up to \$1,000 by the employe of his alma mater.

General Motors Corporation—A complete 1958 Pontiac V-8 automotive engine has been given to the Mechanical Engineering Department for instructional purposes by this Detroit corporation.

JOHN S. Holland—John S. Holland, New York, gave \$50 to the Idaho College of Mines building fund.

HUMMEL, HUMMEL & JONES—This Boise architecture firm presented the Art and Architecture Department with \$100 for junior design problem awards.

IDAHO COOPERATIVE COUNCIL—The Idaho Cooperative Council presented \$1,200 for the establishment of \$25 scholarships for 4-H Club members to the annual 4-H Club Congress.

IDAHO EGG PRODUCERS OF IDAHO—The Athletic Department received an addressograph machine from this group for use in promotion work on behalf of the Vandal Boosters, Inc. They also contributed safflower meal and eggs to the Poultry Husbandry Department.

Івано Нор Commission—A grant of \$4,000 to support a research program in hops at the Parma Branch Station was made by the Idaho Hop Commission.

Idaho Hop Growers Association—A hop trellis for use in hop studies has been donated to the Parma Branch Experiment Station.

IDAHO POULTRY IMPROVEMENT ASSOCIATION—A student loan fund in the name of the late Pren Moore, long-time poultryman at the University of Idaho, was established with the gift of \$250.

IDAHO POWER COMPANY—The Idaho Power company presented \$6,210 for Idaho Farm Electrification activities and \$1,100 for the 1959 4-H Club program.

IDAHO SWINE PRODUCERS ASSOCIATION—This association provided a \$25 educational scholarship to the Idaho 4-H Congress to the member giving the highest score demonstration using lard as shortening.

INTERNATIONAL BUSINESS MACHINES CORPORATION—This New York Corporation has provided the College of Engineering with an electronics training kit, valued at \$500, for instructional purposes.

INTERNATIONAL HARVESTER COMPANY—This Chicago company has donated an International Harvester 6-cylinder diesel engine, 1959 series, to the Mechanical Engineering Department.

Mr. and Mrs. Royal Irving—Mr. and Mrs. Royal Irving, Tucson, Ariz., gave \$400 for a scholarship award and \$50 each to the Alumni Fund and the Vandal Boosters.

Mr. AND Mrs. Talbot Jennings—A gift of 95 books was received by the University Library from Mr. and Mrs. Talbot Jennings, East Glacier Park, Mont. A noted movie writer, Mr. Jennings is a graduate of the University of Idaho.

Mrs. Reuben F. Johnson—A group of books and U.S. Department of Agriculture Yearbooks were presented to the Caldwell Branch Experiment Station by Mrs. Johnson in memory of her late husband, Reuben F. Johnson, who had been superintendent of the Caldwell station.

Kaiser Aluminum & Chemical Corporation — This corporation presented the Electrical Engineering Department with an unrestricted grant of \$750.

W. L. Korter,—W. L. Korter, former owner of the Idaho Dairy Products Company of Moscow, presented the College of Agriculture with a large assortment of equipment for use in the Dairy Science Department.

ALBERT AND MARY LASKER FOUNDATION—This New York foundation gave the Art and Architecture Department and the University Library a copy of the book, "Renoir to Matisse."

Lawyers' Title Insurance Corporation—The College of Law received a \$100 Lawyers' Title award for the outstanding senior in Real Property courses.

G. H. Leland, Inc.—Two rotary solenoids and a rotary selector switch were presented to the Electrical Engineering Department by G. H. Leland, Inc.

ELI LILLY COMPANY—The Agricultural Products Division of the Eli Lilly Company donated chemicals to the Veterinary Science Department for the control of internal parasites of swine.

James F. Lincoln Arc Welding Company—This company has provided and maintains a welding library situated in the College of Engineering reading room consisting of books and periodicals in the field of arc welding. Additional books and magazines have been received for this library during the past year.

JARVIS E. LOWE—Jarvis E. Lowe, attorney at Everett, Wash., and graduate of the class of 1939, gave \$25 to the College of Law Library.

James M. Lyle, Jr.—James M. Lyle, Jr., University of Idaho Alumni Secretary, presented the University with a diathermy machine and other equipment plus historical papers, documents and receipts belonging to his father, Dr. James M. Lyle, who died in 1958 after 57 years residence in Nez Perce county.

B. A. McDevitt—The College of Law Library received from B. A. McDevitt of Pocatello, 78 volumes consisting of Idaho Reports, Codes, Session Laws and miscellaneous law texts.

HARRY McLeon—The only known set of early-day newspaper files of the Wallace Free Press, Coeur d'Alene Miner and the Wallace Press were given to the University Archives for preservation in the Library by former newspaperman Harry McLeod of Wallace.

A. G. Mayer—A. G. Mayer of the Washington Water Power Company gave 12 bound volumes of "Electricity on the Farm" and several volumes of the "Agricultural Engineering Journal" to the Agricultural Engineering Department.

Merck and Company—The Department of Agricultural Chemistry received supplies of vitamins for use in biochemical and nutrition studies, to the Home Economics Department for metabolism studies and Animal Husbandry Department for research on swine.

Mrs. F. Cushing Moore—Mrs. F. Cushing Moore, Spokane, Wash., presented the Home Economics Department with an embroidered blouse and several photographs.

NATIONAL LUMBER MANUFACTURERS ASSOCIATION—A number of selected publications in the field of structural engineering have been given to the Civil Engineering Department by this association.

NATIONAL SCIENCE FOUNDATION—The sum of \$5,300 was received from the National Science Foundation for a project by Dr. Loren Roberts of the Botany Department called a "Histochemical Study of Protein-Bound Sulfhydral Groups in Coleus Sp. Wound Meristems."

NATIONAL TANK AND PIPE COMPANY—This Portland, Ore., company gave the Engineering Experiment Station a water tank for use in canal seepage research.

CHARLES NEMES SCHOLARSHIP FUND—The following donors gave to the Charles Nemes Scholarship fund during the year: V. F. Callaway, \$10; E-Dah-O Chapter of the Order of DeMolay of Moscow, \$11; Mrs. Ellis Odberg, Jr., \$10; C. B. Luce, \$10, and Louise Trail, \$5.

OGDEN GRAIN EXCHANGE—The Ogden Grain Exchange presented the College of Agriculture \$1,200 for further studies on factors affecting the quality of winter wheat.

PACIFIC POWER & LIGHT COMPANY—This Albany, Ore., power company contributed \$140 to the Farm Electrication program.

PACIFIC TELEPHONE AND TELEGRAPH COMPANY—The Electrical Engineering Department received from this company sufficient electrical components to construct an artificial transmission line plus a bay of 12 circuits of carrier equipment.

Charles Pfizer and Company—A contribution of \$1,500 to supplement funds used to support studies with antibiotics, hormones and tranquilizers in cattle and lambs was received by the Animal Husbandry Department. The Poultry Husbandry and Veterinary Science Departments received vitamins for research work.

PHILLIPS PETROLEUM COMPANY—This Bartlesville, Okla., company presented the College of Engineering with \$2,500 to continue a fellowship for research on the use of asphalt in the prevention of aggregate degradation in the sub-bases of highways.

PITMAN-MOORE COMPANY — This Indianapolis, Ind., company presented the College of Agriculture with \$600 as partial support of studies on bovine mastitis control through vaccination of dairy cattle.

POTLATCH FORESTS, INC.—A study to evaluate a bark-base fertilizer received \$500 support from the Potlatch Forests, Inc.

PRODUCTION CREDIT ASSOCIATIONS OF SOUTHERN IDAHO—This group gave an incinerator valued at \$1,000 to the Veterinary Laboratory at the Caldwell Branch Experiment Station for use in research.

RAND CORPORATION—Two selectron tubes and sockets for laboratory use by the College of Engineering were given by the Rand Corporation.

RESEARCH CORPORATION—The University received \$1,600 as a Frederick Gardner Cottrell grant by the Research Corporation for the support of Dr. James H. Colley's basic chemical research study dealing with the preparation and properties of benzohydroxamic esters.

F. Wallace Rothrock—An addition of \$264 to the Rothrock Student Loan Fund was presented by F. Wallace Rothrock, Spokane, Wash.

SHELL OIL COMPANY—The Shell Oil company presented the Entomology Department with a \$1,000 grant-in-aid to conduct control research on soil inhabiting insects and a \$700 grant for research in plant diseases to the Plant Pathology Department.

E. R. SQUIBB AND SONS RESEARCH LABORATORY—This New York company has provided the Dairy Husbandry Department with hormones for research in dairy cattle breeding.

STANDARD OIL COMPANY OF CALIFORNIA—Received from the Standard Oil Company of California were funds amounting to \$3,000. One-half was for the 4-H Club program and the other half for five scholarships for the FFA Scholarship program.

STAUFFER CHEMICAL COMPANY—This company gave a \$500 grant-in-aid to the Entomology Department to conduct control research on onion maggot.

Mrs. Merl Stubbs—The amount of \$10 to be added to the Grace Mader Bailey Fund was received from Mrs. Merl Stubbs, Moscow.

Mr. AND Mrs. John E. Taylor—Mr. and Mrs. John E. Taylor of Mullan gave a set of American Jurisprudence to the College of Law Library in memory of their son, Sennett Taylor.

THE TEXAS COMPANY—The refining department of this company in Casper, Wyo., has given seven process control instruments to the Chemical Engineering Department.

Mrs. Dellas H. Thompson, Mrs. Richard Brizee and Duane E. Thompson—The Oz Thompson Sportsmanship award of \$100 to a member of the varsity basketball team has been established by Mrs. Dellas H. Thompson and her son, Duane E. Thompson of Moscow, and her daughter, Mrs. Richard Brizee, of Twin Falls.

Union Carbide Plastics Company (Division of Union Carbide Company)—A vinyl cover for research as a covering for hay stacks was given to the College of Agriculture.

Union Pacific Railroad Company — The Union Pacific Railroad Company, through Joe W. Jarvis, supervisor of Livestock and Agriculture, Department of Traffic, Omaha, Neb., presented a supplemental grant of \$722 for a potato disease fellowship, bringing the total grant to \$2,100 for the year.

UPPER SNAKE RIVER VALLEY DAIRYMEN'S ASSOCIATION, INC.—This corporation contributed \$50 to the International Farm Youth Program.

UTAH POWER AND LIGHT COMPANY—The sum of \$1,035 was contributed to the Farm Electrification program by the Utah Power and Light Company of Rexburg.

VISKING CORPORATION—The plastics division of this Terre Haute, Ind., company donated plastic material valued at \$600 for stockpond lining research conducted by the Engineering Experiment Station.

Washington Water Power Company—Washington Water Power Company of Spokane, Wash., contributed \$3,105 for the 1959 Farm Electrification program and \$200 to assist in a program of completing and analyzing a survey of north Idaho counties.

Western Electric Company—The College of Engineering received an electric motor and a large centrifugal fan from Western Electric Company and a Dillon tensil testing machine for laboratory use.

CHESTER G. WHITTAKER—Chester G. Whittaker presented the Board of Regents with \$1,500 for the benefit of living groups on the campus.

Paul Wickward—A contribution of \$25 to the Clara Ransom Davis Loan fund was given by Paul Wickward of Moscow.

# Scholarships

1958-59

ALLIED DAILIES-DWIGHT CHAPIN, Lewiston

ALUMNI ASSOCIATION-

JOYCE KAIL, Twin Falls
DAVID MARCH, Caldwell
TOM RUDY—Jerome

SUZANNA SHERN, Coeur d'Alene CLAIRE SLAUGHTER, Kimberly

ANONYMOUS-

ROGER ANDERSEN, Meridian LESLIE FALEN, Jordan Valley, Ore. SHARON LANCE, Idaho Falls

LYNN SEELEY, Ashton Marilyn Wilson, Idaho Falls

RALPH M. ALLEY-

DIANE COINER, Salmon

PETER REED, England

AMERICAN MARIETTA-JUDITH BATY, Buhl

AMERICAN MISSIONARY ASSOCIATION-ELBERTA TRUCHOT, Fort Hall

AMERICAN SMELTING & REFINING CO .- DAVID MICKLE, Bethesda, Md.

ARNOLD AIR SOCIETY-MICHAEL GATELY, Syracuse, N.Y.

ATTIC CLUB-MARILYN WILSON, Idaho Falls

BOISE ALUMNI ASSOCIATION-

JAN ALDEN, Boise

JAMES OKESON, Boise

BOUNDARY COUNTY—
ARTHUR LEE Bonners Ferry

ARTHUR LEE, Bonners Ferry John Whitbeck, Bonners Ferry

BUHL ROTARY CLUB-ROY LIVELY, Buhl

CHALLENGE CREAM & BUTTER ASSOCIATION-DENTON DARRINGTON, Declo

CHALLIS HIGH SCHOOL-

JACK HAMMOND, Challis

AFTON PRITCHETT, Challis

COLVILLE CONFEDERATED TRIBES-BERTHA COVINGTON, Worley

CRAIGMONT CHAMBER OF COMMERCE-LEROY INGLIS, Craigmont

CRANE LOCAL NO. 2047—RICHARD L. SULA, Villa Park, Ill.

BETTY CROCKER-Marie Wood, Wallace

CROWN-ZELLERBACH-

STANLEY CARPENTER, Sonoma, Calif.

STANLEY STROUP, Weston, Ore.

DAVIS BROTHERS-

KEITH BINGHAM, Burley

ROYCE CHIGBROW, Gooding

DELTA DELTA DELTA-Coralie Davis, Boise

DELTA GAMMA SCHOLARSHIP FOR BLIND-GALE CONARD, Orofino

EASTERN STAR (MUSIC)—LORANNA JONES, Malad

EDEN CENTRAL SCHOOLS-PAUL SPENCE, Eden, N.Y.

EL CAJON ROTARY CLUB-WENDELL MAIZE, El Cajon, Calif.

ELEMENTARY TEACHING—

MARY FRANCES REGADERA, Castleford

SYLVIA TIMOSKEVICH, Sagle

ELKS NATIONAL FOUNDATION-LADESSA ROGERS, Moscow

FIRST SECURITY FOUNDATION—

MYRNA LEATHAM, Shelley

GEORGE SPRUNG, Easton, Md.

FORESTERETTES—John Hunt, Redding, Calif.

CAROL HOWE FOSTER-DAVID RANDOLPH, Mt. Pleasant, Mich.

CONSUL GENERAL FOSTER FORESTRY FELLOWSHIP—RONALDO PEREIRA, Sao Paulo, Brazil

PEGGY FOSTER-KAY CONRAD, Castleford

FUTURE HOMEMAKERS OF AMERICA-

MELBA JONES HUDSON, Buhl

EDWINA ZABEL, Kellogg

GAULT HALL MEMORIAL— FRED ELSBERRY, Idaho Falls LAWRENCE HICKS, Idaho Falls

BILL SAKAGUCHI, Idaho Falls

GENERAL MOTORS— KHRIS ALLEN, Hansen

EARL HALL, Moscow

KAREN STEDFELDT, Pocatello WELDON TOVEY, Sagle

GENERAL UNIVERSITY— CHARLES BROCKWAY, Ketchum LON DAVIS, Meridian DONALD HUMPHREYS, Fairfield

Jack Macki, Mullan Marilyn Merrick, Ashton Louise Vandenbark, Twin Falls

GRANDVIEW P.T.O.—KENNETH COLLETT, Grandview

REBECCA T. GREEN MEMORIAL-JOHN REED, Palo Alto, Calif.

CARL RAYMOND GRAY-

DWEN RITA ANDERSON, Rockland
DEAN BANNER, Declo
DANNY DANIELSON, Genesee
CLARA DENNIS, Twin Falls
JOYCE ELD, Donnelly
CLIFTON ELDRED, New Plymouth
LERON GALBRAITH, Rigby
GALE KLEINKOPF, Twin Falls
SHARON LARSEN, Glenns Ferry
JAMES MAYS, Howe

JOE RANDALL, Weiser
DONALD ROEMER, Paul
JAN SCOGGIN, Craigmont
BARBARA STIVERS, Eden
HILDA SUHR, Grangeville
WILLARD SULLIVAN, Emmett
HAROLD THOMPSON, Jerome
SANDRA WALLEN, MOSCOW
GREGORY YOCHUM, Lapwai

ALEXANDER HAMILTON BICENTENNIAL—GORDON CHESTER, Boise

HECLA-BUNKER HILL-

Donald Beck, Wallace
Joseph Bouchard, Kellogg
Rolland Bouchard, Kellogg
Jerry Boyd, Kellogg
Victor Brewer, Wallace
Donald Brown, Donnellson, Iowa
Larry Cantrell, Kellogg
Eric Carlson, Wardner
Harold Damiano, Kellogg
David Durham, England
Darrell Ferguson, Wardner
Richard Gott, Enid, Okla.
James Hoss, Hope

Wallace Huff, Pinehurst Donald Hull, Wallace Clara Lowry, Osburn Glen McCurdy, Kellogg Jerry Mix, Pinehurst Anthony Nelson, Wallace Norma Norman, Osburn James Polla, Mullan Keith Riffle, Kellogg Janet Salyer, Smelterville Kay Salyer, Smelterville Monte Shirts, Hailey Noreta Smith, Kellogg

LEO TAFOLLA, Mullan LEO WEEKS, Kellogg JERRY WICKS, Coeur d'Alene ROLAND WILLIAMS, Wardner LAWRENCE WINIARSKI, Kellogg EDWINA ZABEL, Kellogg

SARAH HUTCHINSON—GEORGIE WILLIS HANSEN, Moscow

IDAHO CONGRESS OF PARENTS & TEACHERS—CONNIE BLOCK, Jerome

IDAHO DAIRYMEN'S ASSOCIATION—

JANET HACKING, Thornton

WILLARD SULLIVAN, Emmett

IDAHO FEDERATION OF WOMEN'S CLUBS-

DONNA GALE, Lewiston JAMES MERCER, Nampa

CLIFTON SCHARF, Boise BARBARA WHEELER, Bonners Ferry

IDAHO HEART ASSOCIATION-

JAMES KEMPTON, Moscow

ROBERT PALMER, Council

IDAHO ICE CREAM MANUFACTURER'S ASSOCIATION—Douglas Park, Mesa Ariz.

IDAHO MILK PROCESSOR'S ASSOCIATION—

JEROME JANKOWSKI, Buhl

Roy Louis Karnes, Caldwell

IDAHO PEPSI-COLA BOTTLER'S ASSOCIATION-

GEORGIA FINCH, Coeur d'Alene

ANN MARIE WORSLEY, Lewiston

IDAHO POWER-

Delbert Fitzsimmons, Ontario, Ore. Elwin Ross, Meridian

INTERCOLLEGIATE NIGHTS-ROBERT SCHUMAKER, Hamilton, Mont.

KAISER ALUMINUM & CHEMICAL CORPORATION—DAVID CUNNINGHAM, El Reno, Okla.

WILLIAM KERR (Home Ec.)-

MARY JAUREGUI, Meridian

LADESSA ROGERS, Moscow

A. E. LARSON-

JOE McFarland, Hansen WILLIAM ORTON, Calgary, Alta. JOE VAN EPPS, Nampa

LIVING GROUP SCHOLARSHIPS-

RONALD ADAMS, England, Delta Tau Delta RICHARD BOYCE, England, Phi Gamma Delta JORGEN BRYHN, Norway, Phi Delta Theta ERNEST RICHARD DOUGLAS, England, Phi Kappa Tau GRACIELA HOFFMANN, Mexico, Delta Gamma
MIHALY HORVATH, Hungary, Phi Kappa Tau
MONA OLSEN-NAUEN, Norway, Delta Delta Delta
RONALDO PEREIRA, Brazil, Phi Delta Theta Peter Reed, England, Sigma Alpha Epsilon JULIE E. SALINAS, Bolivia, Alpha Phi Frank Wyatt, England, Delta Chi

MacLANE-

R. MICKEY TURNBOW, Kellogg ROBERT ROWETT, Mountain Home EDWARD HELMCKE, Phoenix, Ariz.

MISSION BAY OPTIMIST'S CLUB-DAVID Rose, San Diego, Calif.

MOJAVE COUNTY HIGH SCHOOL-RONALD HALL, Coeur d'Alene

MONSANTO CHEMICAL CO.—

CHONG CHEONG Ho, Malaya

JOHN REED WELKER, Rexburg

MOSCOW LIONS CLUB-

DANNY DANIELSON, Genesee ROBERT McConnell, Moscow Judith McGarvey, Moscow

Douglas Pederson, Juliaetta DEANNA WHITE, Bovill

MUSIC (Waiver of Applied Fees)—
NICHOLAS BOND, Kellogg
RUSSELL CROCKETT, Montpelier
GEORGIA FINCH, Coeur d'Alene
MARYL JO FOX, Twin Falls
CAROLYN FRIZZELLE, Twin Falls
GEORGIE WILLIS HANSEN, MOSCOW
ROSALIND HODGSON, MOSCOW
MARILYN HUSTLER, St. Maries

Joan Mercer, Nampa Ellen Morgan, Burley Chester Peterson, Lewiston Preston Shockly, Jerome Linda Smith, Camas, Wash. LaVonne, Tarbox, Troy Anita Wilcomb, Jerome

NAMPA JR. CHAMBER OF COMMERCE-Norma Jean Rau, Nampa

NATIONAL MERIT-CAROLYN DEMPSEY MITCHELL, Hailey

NEWS-REVIEW-SHARON LANCE, Idaho Falls

PACIFIC BEACH KIWANIS-DAVID Rose, San Diego, Calif.

PAYETTE LIONS CLUB-PATRICIA BROGAN, Payette

PLYMOUTH DEALERS-ANNE KIRKWOOD, Moscow

### POTLATCH FORESTS FOUNDATION-

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CARL CORBIT, New Meadows
MARILYN CRANE, Lewiston
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RONALD DOVE, Lowman
CAROLYN GIBBAR, Perryville, Mo.
JERRY HALL, Kennewick, Wash.
ROBERT HANSEN, Lewiston
KENNETH HIBBELN, Lewiston
ROBERT KARR, Princeton
GENE LAWRENCE, Lewiston
RICHARD LOEPPKY, Lewiston
BURTON LUVAAS, College Place, Wash.
ROBERT MCCONNELL, Moscow
STEPHEN MCDONALD, Lewiston
MONTE MCMURRAY, Lewiston
DONALD MAY, Coeur d'Alene

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Joan Fisher, Blackfoot

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DONALD ROYSTER, Filer

ARDEN MORROW, Priest River

RALSTON-PURINA-CLETUS VON TERSCH, Cottonwood

REGENTS-

CONNIE BLOCK, Jerome

IRENE SCOTT, Burley

ROUND-UP GROCERY-JOHN FITZGERALD, Moscow

SAN BERNARDINO COMMUNITY SCHOLARSHIP ASSOCIATION—WILLIAM STANCER, San Bernardino, Calif.

SANDPOINT NEWS-BULLETIN-Donald Erickson, Moscow

SCOTT PAPER CO.—RICHARD GILBERTS, Everett, Wash.

SEARS-ROEBUCK FOUNDATION-

Lois Bowers, Moscow
Wallace Brassfield, Boise
ED Christensen, Shelley
Garry Curtis, Palouse, Wash.
Denton Darrington, Declo
Vaughn Estrick, Meridian
Deloy Hendricks, Blackfoot

Jerome Jankowski, Buhl Mary Jauregui, Meridian Eugene Kasper, Genesee Arthur Lee, Bonners Ferry Earl Lindstrom, Blackfoot Fred Lydum, Blackfoot Leo Thibault, Jerome HOWARD & LINNIE SHRIVER-VAUGHN ESTRICK, Meridian

MYRNA KAY HARDER, Jerome

J. R. SIMPLOT AWARD-MILTON DWAINE PETERSEN, Albion

J. R. SIMPLOT GRANT-IN-AID-

HENRY HALL, Brooklyn, N.Y. THOMAS HAMILTON, Essex, Conn. Dennis Hargreaves, Alberta, Can. YUNG SAM KIM, Seoul, Korea

JAMES LEMP, Washington, D.C. JOE McFarland, Hansen RAYMOND WAXMONSKY, Chicago, Ill.

STANDARD OIL F.F.A.-

DEAN BANNER, Declo GALE KLEINKOPF, Twin Falls HAROLD THOMPSON, Jerome

STANDARD OIL 4-H-

LADESSA ROGERS, Moscow

HILDA SUHR, Grangeville

STANDARD OIL LEADERSHIP-

CAROLYN EDWARDS, Boise

JOHN THORNOCK, Idaho Falls

STATESMAN NEWSPAPERS—

JAMES FLANIGAN, Emmett

JAMES GOLDEN, Boise

DEAN C. STOLL EDUCATIONAL FUND-JOE HODSDON, Bonners Ferry

TITLE INSURANCE—

JAMES SWEENEY, Pullman, Wash.

MERRILL WATTS, Rexburg

TRIBAL SCHOLARSHIP-ELBERTA TRUCHOT, Fort Hall

TUITION SCHOLARSHIP-

DAVID BERG, Waukegan, Ill.
JANICE BERG, Richland, Wash.
DONALD BROWN, Donnellson, Iowa
ALICE COLLINS, Spokane, Wash. SHARON CONNAUGHTON, San Mateo, Calif. DIANNE DAVIS, Burbank, Calif. Donald Hauxwell, McCook, Nebr. Patricia Hendricks, Seneca, Ore. JUDITH HICKMAN, Ontario, Ore. CHONG CHEONG Ho, Malaya MIHALY HORVATH, Hungary
SHARON ISAKSEN, Spokane, Wash.
KEITH JOHNSON, Spokane, Wash.
YUNG SAM KIM, Seoul, Korea CLAUDETTE KUCH, Spokane, Wash. KENT LAMBERT, Vancouver, Wash. HENG MUN LOW, Malaya

HILMAR LUNDE, Norway WILLIAM McDonald, Seattle, Wash. ALEXANDRA MIKAILOFF, France MARILYN MOOERS, Richland, Wash. DAVID NASH, Spokane, Wash. WILLIAM ORTON, Calgary, Alta. Judith Raasch, Ladysmith, Wisc. ROBERT SCHUMAKER, Hamilton, Mont. THEODORE SCHUMAKER, Hamilton, Mont. DONALD SMITH, Spokane, Wash.
ROBERT SMITH, Orange, Calif.
CLAIRE STRAWN, Seattle, Wash.
JOHN L. TOEVS, Ephrata, Wash. JOHN TROJANOWSKI, Portage, Wisc. GODFREY WATTS, England MARCY WHITTEN, Spokane, Wash. SANDRA WILSON, Puyallup, Wash.

TWIN FALLS BANK & TRUST CO .- SHARI CROCKETT, Hansen

TWIN FALLS BUSINESS & PROFESSIONAL WOMEN'S CLUB— SHARI CROCKETT, Hansen

UTAH POWER & LIGHT-GARY W. STEINER, Rexburg

VITA-CRAFT CORPORATION-WARREN HOIT, Pocatello

R.M. WADE FOUNDATION-WILLIAM ALBERTSON, Samuels

WASHINGTON WATER POWER-

RODERICK MAYER, Lewiston

JAMES STORMS, Plummer

WEST COAST ELECTRONIC MANUFACTURER'S ASSOCIATION— PETER WELCH, Twin Falls

EVERETT BAILEY, Hansen Donald Duncan, Lowman

WESTVACO-

JOE ERRAMOUSPE, Montpelier JOEL KOONCE, Fairfield

PAUL KROGUE, Blackfoot GLADE WEIGHT, Alameda

WOMEN'S AUXILIARY OF THE IDAHO CATTLEMEN'S ASSOCIATION—
JAMES BIVENS, Payette CLARENCE REED, Sagle

MARIE K. WORMWARD—Dolores Dorendorf, Kellogg ZONTA CLUB OF BOISE—DAMA WILDIG, Boise

### Continuing Special Awards

Alpha Zeta Award
Alumni Scholarship Cup
American Institute of Chemical
Engineers Award
American Society of Agricultural
Engineers Award
Philo Sherman Bennett Prize
Chappell Award
Chipman Sigma Chi Award
Thomas Arkle Clark Honor Award
Culler and Gale Award
Beulah Garrard Dale Scholarship Cup
David Trophy
Delta Sigma Rho Debate Cups
Mary E. Forney Scholarship Cup
Anna H. Hayes Memorial Award

Maude Cosho Houston Scholarship

Plaque

Idaho Press Women's Award
Inspirational Swimmer Award
Interfraternity Scholarship Cup
Junior Panhellenic Trophy
Marksmanship Award
Merck Chemical Company Awards
Mortar Board Plaque
O'Connell Award
Phi Chi Theta Award
Phi Eta Sigma Scholarship Plaque
Phi Upsilon Omicron Award
Powell Rifle
Republic Aircraft Corporation Award
Sigma Chi Scholarship Trophy
Sigma Tau Award
Xi Sigma Pi Award

### Loan Funds

American Legion
Dr. Joseph Wesley Barton
College of Forestry Alumni Memorial
Clara Ransom Davis
Jerome J. Day
Vernon P. Fawcett Memorial
W. K. Kellogg Foundation
Francis Baker Laney
Pine Hall
Pren Moore Memorial

National Defense Act of 1958
Isabelle Price Memorial
Edward Frank Rinehart
F. M. Rothrock
W. L. Stephens Memorial
Surgical (Dr. E. R. Edson)
Grover Dean Turnbow
University Loan Fund
Richard Garrigus White Memorial

SIGNIFICANCE OF ACADEMIC COSTUMES is determined especially by the sleeves and hoods. Doctors wear the round, bell sleeve; the gown is faced down the front and barred on the sleeves with black velvet or velvet of color indicating the degree; the doctor's hood is large. The doctor may, if he so chooses, wear the gold tassel on his cap. Masters wear the long, closed sleeve, with a slit near the upper part for the arm; the master's hood is of more moderate size. Bachelors wear the long pointed sleeve; the hood is small. Undergraduates wear the round or pointed sleeve, and wear no hood. Hoods are lined with the colors of the institutions granting the degree, or with which the wearer is connected, and are trimmed with velvet of the color distinctive of the degree — for example, arts and letters, white; philosophy, blue; science, gold-yellow; music, pink; agriculture, maize; engineering, orange; forestry, russet; pedagogy, light blue; commerce and accounting, drab.