
UNIVERSITY OF IDAHO

Sixty-Sixth
Commencement

Memorial Gymnasium Sunday, June 11, 1961



Order of Exercises

Processional—Grand March from “Aida” Verdi

THE UNIVERSITY SYMPHONY ORCHESTRA

LEROY BAUER, *Conductor*

The Audience Remains Seated While the Academic Group Enters

Invocation REV. CHAD BOLIEK

Director, Westminster Foundation

Campus Christian Center

Chorale-Fugue, “All Glory be to God on High” Bach

THE UNIVERSITY SYMPHONY ORCHESTRA

Address DR. DONALD E. WALKER

President,

Idaho State College, Pocatello

“Song of the Open Road” Norman Dello Joio

(A Choral Proclamation adapted from the writings of Walt Whitman).

Trumpet solo: Steven Evans; *Piano:* Angela Sherbenou

THE VANDALEERS

GLEN R. LOCKERY, *Conductor*

Conferring of Degrees

Presentation of Awards

Here We Have Idaho Hume-Douglas

Benediction REV. CHAD BOLIEK

Recessional—March Militaire Francaise Saint-Saens

THE UNIVERSITY SYMPHONY ORCHESTRA

The Audience Stands While the Academic Group Retires

ADDITIONAL EVENTS TODAY

12:30 P.M. Cafeteria Luncheon for Parents and Visitors—*Student Union Building.*

12:30 P.M. Luncheon for Regents and Their Official Guests—*Student Union Building.*

12:00 to 2:30 P.M. Library Exhibit—*University Library.*

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

MALCOLM DOUGLAS ALEXANDER, <i>Potlatch</i>	MAUREEN MARSHALL GLANDT, <i>Boise</i>
THAYRE MARIE BAILEY, <i>Twin Falls</i>	TIMOTHY GEDDES GREENE, <i>Bethesda, Md.</i>
MARTHA BESS BANKS, <i>Moscow</i>	CARL REX HINTZE, <i>Mackay</i>
MARLIN LEE BECKWITH, <i>Payette</i>	MARY ELIZABETH HODGINS, <i>Moscow</i>
WILLIS BIRDSALL BENJAMIN, <i>Idaho Falls</i>	ELIZABETH LEE HOFMANN, <i>Moscow</i>
HAMIDA HELGA DORIS BOSMAJIAN, <i>Moscow</i> Cum laude	MARK STEPHEN HOLBROOK, <i>Caldwell</i>
GLADYS MONSON BOWERS, <i>Moscow</i> Cum laude	JAMES BLAINE HOLDEN, <i>Boise</i>
JUDITH IRENE BRACKEN, <i>Twin Falls</i> Cum laude	WARREN SHERWOOD HOLLENBECK, <i>Clarkston, Wash.</i>
CATHERINE FRANCES BREWER, <i>Kellogg</i>	DOLORES LOUISE HORMAECHEA, <i>Caldwell</i>
DAVID ANDREW BRIGGS, <i>Cataldo</i>	DOUGLAS ALLAN HUGHES, <i>LaGrange, Ill.</i>
BRENDA SHATFORD GRAHAM BROWN, <i>Kootenay Bay, B.C., Canada</i>	MARLYS ANNE HUGHES, <i>Nampa</i>
JANICE LILLIAN BROWNING, <i>Grangeville</i>	DONALD WESLEY JAMES, <i>Cocolalla</i>
JOHN MORGAN ALEXANDER BURGESS, <i>Moscow</i>	RICHARD MAURICE JAMISON, <i>Lewiston</i>
WILLIAM PENROSE CAMPBELL, III, <i>Eureka, Cal.</i>	DELBERT ROY JONES, JR., <i>Lewiston</i>
GORDON RANDOLPH CHESTER, <i>Boise</i>	NANCY JOY GRANGE JONES, <i>Rupert</i>
JOHN LONSON CHILD, <i>Boise</i>	KENNETH CONRAD KELLER, <i>Bonnars Ferry</i> Summa cum laude
MARIAN ETHEL COLLINS, <i>Hollywood, Cal.</i>	STEPHEN HUTTON KEUTZER, <i>Moscow</i>
DENNIS McLAIN CORRIGAN, <i>Cristobal, Canal Zone</i>	JOHN HOWARD KINNEY, <i>Little York, Ill.</i>
MAUREEN ANN MCGOURIN CRAVEN, <i>Pocatello</i>	DANIEL EVAN KIRKPATRICK, <i>Spokane, Wash.</i>
RUSSELL WILLIAM CROCKETT, <i>Montpelier</i>	EDWARD ISSA KUNCAR, <i>Jerusalem, Jordan</i>
KAREN LEE CROUCH, <i>Boise</i> Cum laude	TED GENE LANDERS, <i>Twin Falls</i>
JERROLD RAY DENNEY, <i>Caldwell</i>	NEIL ELTON LEITNER, <i>Boise</i>
ELIZABETH JEAN DONNELLEY, <i>Boise</i>	SUSANNE CAROL SCHILZ LITTLE, <i>Rapid City, S.D.</i>
RALPH LLOYD ELROD, <i>Moscow</i>	BRUCE J. MCCOWAN, <i>Moscow</i> Cum laude
LARRY DALE FERGUSON, <i>Lewiston</i>	JOHN ANTHONY MCFARLAND, JR., <i>Coeur d'Alene</i>
DELANCE FLOURNOY FRANKLIN, JR., <i>Parma</i>	THOMAS LAWTON MCFARLAND, <i>Colfax, Wash.</i>
JUDITH FREEMAN, <i>Orofino</i>	GEORGE STEELE MCGARRY, <i>Lewiston</i>
GEORGE LAMPHERE GARRISON, <i>Moscow</i>	ALISON MARY MACKNIGHT, <i>Jerome</i>
BETTY JEAN STEVENSON GIBSON, <i>Kelso, Wash.</i>	MARY KRISTIN MADISON, <i>Lewiston</i>

DOROTHY DIANE SHELTON MAGEL, *Boise*
 JUDITH LEE STUBBS MARINEAU, *Moscow*
Cum laude
 DAVID EMANUEL MARKS, *Moscow*
 GEORGIA KAY MARSHALL, *Opportunity, Wash.*
 MARILYN ANN MARTIN, *Moscow*
Cum laude
 WARREN ROWE MARTIN, *Grangeville*
 ANTHONY CHARLES MATSON, *Oswego, Ore.*
 GONZALO RAUL MENDOZA, *Moscow*
 DARRELL KEITH MERRILL, *Boise*
 ELLEN ELIZABETH MORGAN, *Burley*
 SALLY ANNE NEWLAND, *Ritzville, Wash.*
 JO ANNE O'DONNELL, *Moscow*
 DAVID LEE PATTON, *Oakesdale, Wash.*
 RONALD EUGENE PETTIS, *Whitefish, Mont.*
 GAYL KILPATRICK POPE, *Moscow*
 KENNETH WRAY RADKE, *Medford, Ore.*
 KENNETH DEAN RANDALL, *Craigmont*
 CHRISTINE REYNOLDS, *Rupert*
 BARBARA MARIE SANDE, *Twin Falls*
 JOHN STEPHEN SIMKO, *Chicago, Ill.*
 DANIEL ARTHUR SLAVIN, *Rupert*
 BILLIE SOMMERS, *Rexburg*
Cum laude
 GRETCHEN SPARKS, *Nampa*

ZOE LYNETTE SQUIRES, *Buhl*
Cum laude
 JUDITH DIANNE STAHL, *Boise*
 KAREN MARIE STEDTFELD, *Pocatello*
Cum laude
 MAUREEN ADELLA SWEENEY, *Idaho Falls*
 JULIA ANN LIGHTNER TEMPLE, *Ponderay*
 JOHN FORREST THAMM, *Spokane, Wash.*
 JUDITH BATY THOMPSON, *Moscow*
 GERALD JAY TORREY, *Caldwell*
 LOUIS LEE TOWNSEND, *Homedale*
 EDGAR PERRY VANDEVORT, *Phoenix, Ariz.*
 ROBERT JAMES VERMILLION, *Wallace*
 ELAINE CATHRYN WACKER, *Blackfoot*
 JERRY ARNOLD WALSH, *Big Timber, Mont.*
 JESSE RAYMOND WALTERS, JR., *Idaho Falls*
 DANIEL ROBERT WATSON, JR., *Berlin, N.J.*
 PATRICIA LEE PALMER WHITE, *Sandpoint*
 SHERRY ANNE WILKINS, *Craigmont*
 GEORGE ARLISS WILLMORE, *Rexburg*
 MARGY ANN SUSY WILSON, *Yakima, Wash.*
Cum laude
 DON BEYMER WINZELER, *Coeur d'Alene*
 LORNA LOUISE WOELFEL, *Lewiston*
 JOHN ROBERT YUDITSKY, *Moscow*
 RITA JANE ZACHARY, *McCall*

Bachelor of Science

KENT LAVERN ANGERBAUER, *Twin Falls*
 ANTHONY RODNEY BELLAMY, *Boise*
 SHIRLEY ANN KEOUGH CARLMAN, *Spokane, Wn.*
 NANCY LEE CARTER, *Moscow*
 DIANE COINER, *Salmon*
Cum laude
 STEPHEN RODNEY COLBERG, *Palmer, Alaska*
Cum laude
 WAYNE ALBERT DAVENPORT, *Depoe Bay, Ore.*
Cum laude
 GEORGE WILSON DICKINSON, *Fairfield*
 LESLIE EUGENE FISHER, JR., *Mullan*
Cum laude
 MARGARET ANN CROWLEY GENTRY, *Moscow*
Cum laude
 WILLIAM EUGENE HAHN, *Twin Falls*
 PETER BROOKS HENAULT, *Hyannis, Mass.*
 MELVILLE PRINCE HUGHES, II, *Clear Lake, Iowa*
 ALAN CLARE JACOBS, *Burley*
 FRANK JAMES JASPER, *Council Bluffs, Iowa*
 JANE LOU JOHNSON, *Genesee*
 ROGER WILLIAM JOHNSON, *Lima, Ohio*
 BRADFORD ALTON JONES, *Pocatello*
 GARY CLARK KLEINKOPF, *Murtaugh*
 JACK DEAN KLEINKOPF, *Jerome*
 JOEL MARTIN KOONCE, *Fairfield*
 JOHN GORDON LAUT, *Calgary, Alta., Can.*

CAMILLE TERESA LOPEZ, <i>Meridian</i>	WILLIAM DEAN SHAVER, <i>Moscow</i>
CLINTON ROBERT McDONALD, <i>Idaho Falls</i>	DONALD RAY SIMPSON, <i>Caldwell</i>
LOLA JEANNINE WOOD MCFARLAND, <i>Elk River</i> Cum laude	JOHN WOODY SPENCE, <i>Boise</i>
DOUGLAS BRUCE McMULLEN, <i>Grangeville</i>	LITER ESTILL SPENCE, Jr., <i>Caldwell</i> Cum laude
DONALD LOWELL MARTINSON, <i>Kalispell, Mont.</i>	JAMES VOG STEWART, <i>Moscow</i>
FRANK RONALD MASEK, <i>New York, N.Y.</i>	LEE WAYNE STOKES, <i>Moscow</i>
RODERICK LEWIS MAYER, <i>Lewiston</i> Cum laude	WILLIAM NEVILLE STOWE, <i>Twin Falls</i>
CLIFFORD EDWARD NICHOLS, <i>Moscow</i>	DAVID ANSEL TALBOTT, <i>Moscow</i>
RICHARD THOMAS PARR, <i>Lewiston</i>	RICHARD BENJAMIN TERRY, <i>Boise</i>
BEVERLY RUTH PAUL, <i>Caldwell</i> Summa cum laude	RICHARD ARTHUR VOLKMAN, <i>Pocatello</i>
BONNIE MAE BAUM PEARSON, <i>Drummond</i>	MARILYN SUE VOYLES, <i>Twin Falls</i> Cum laude
ROSS WARREN PETERSON, <i>Lewiston</i>	LEO JAMES WEEKS, <i>Kellogg</i>
LOREN DALLAS PITT, <i>Bonnors Ferry</i>	ROBERT ELMER WEST, <i>Blackfoot</i> Cum laude
CHARLES THOMAS RATCLIFFE, <i>Twin Falls</i>	LYNDALL IRENE WILLIAMS, <i>Moscow</i>
ANDREW FREDERICK ROBINSON, <i>Weiser</i>	MARJORIE VIVIAN WILLIS, <i>Riggins</i>
THORA J. RUNYAN, <i>Talmage, Calif.</i> Summa cum laude	JON WARREN ZIMMER, <i>Chicago, Ill.</i>
SHIRLEY ELIZABETH PHILLIPS SCHNIDER, <i>Nezperce</i>	

Bachelor of Science in Pre-Medical Studies

ALLAN JOSEPH HANSEN, <i>Boise</i>	ANTHONY BOURKE LONSDALE, <i>Boise</i>
DONALD WAYNE HUMPHREYS, <i>Fairfield</i>	BUD HOLLAND MCDUGAL, <i>McCall</i>

Bachelor of Science in Home Economics

CHARLOTTE ANN ALDRICH, <i>Meridian</i>	CHARLOTTE ANN MARTELL MALLET, <i>Nampa</i>
TRENNIA MAE ATCHLEY, <i>Ashton</i>	RAMONA CAROL MAROTZ, <i>Ashton</i>
ROSALIND INEZ BRUCE, <i>Lapwai</i>	LINDA ANN JONES O'CONNELL, <i>Lewiston</i>
CAROL LYNN CAMMACK, <i>Wenatchee, Wash.</i>	KAY ELSINORE OAKES ORING, <i>Moscow</i>
GENEVA LOUISE FECHNER, <i>Washtucna, Wash.</i>	CAROL-JEAN MARIE MOHAN RASH, <i>Moscow</i>
DONNA CLARE HARWOOD, <i>Payette</i>	ALVERNA MARIE MUELLER THOMAS, <i>Lewiston</i>
CAROLYN RAE KUDLAC KOHNTOPP, <i>Castleford</i> Cum laude	ANITA LORRAINE HOWELL TOWNSEND, <i>Coeur d'Alene</i>
SHIRLEY ALICE CARNIE LEE, <i>Moscow</i> Cum laude	ANN KATHRYN EVANS WATTS, <i>Parma</i>
MARY JANE MCLEOD LEITCH, <i>Nezperce</i>	PATTY ANN WEED, <i>New Plymouth</i>
FRANKIE LORRAINE LISLE, <i>Burley</i>	MARIE LOUISE WOOD, <i>Wallace</i>
NAPINA MARGARET MCCORMICK, <i>Boise</i>	

Bachelor of Music

ROBERT CLIFTON WHIPPLE, *Lewiston*

Bachelor of Naval Science

ALLAN BURNETT ROGERS, *Devils Lake, N.D.*

Bachelor of Architecture

THOMAS RAYMOND ENSLEY, *Genesee*

LARRY LEROY GOTTSCHALK, *Moscow*

LAMONTE MILFORD KAHLER, *Moscow*

DUANE DEE MARLER, *Boise*

RODNEY RALPH MAYS, *Twin Falls*

JACK DAWNE MOORE, *Boise*

NOEL C. RANDALL, *Idaho Falls*

GERALD JOSEPH SPRUTE, *Mullan*

CHARLES HENRY STOLL, JR., *Moscow*

LEONARD CHESTER WYDRZYCKI, *Calgary, Alta.,
Canada*

COLLEGE OF AGRICULTURE

Bachelor of Science in Agriculture

STANLEY RALPH ALBEE, *Buhl*

CHARLES EUGENE ALLEN, *Burley*

CHARLES ALBERT BEASLEY, *Caldwell*

WAYNE HENRY BORGAN, *Genesee*

VERLE GENE BRABANT, *Sandpoint*

BYRON FRANCIS CHAMPION, *Fruitland*

LARRY FRED COOK, *Melba*

GARY LEE CUSTER, *Twin Falls*
Cum laude

ROBERT WALTER DENNLER, *Juliaetta*

HARVEY ERVIN DONER, *Nampa*

MARTIN HANSEN FABRICIUS, *Moscow*

LESLIE ROGER FALEN, JR., *Jordon Valley, Ore.*

FREDERICK GLENN FAULKS, *Homedale*

WALTER JAMES GARMAN, *Payette*

GENE ALLEN GENTRY, *Gooding*

DONALD WESLEY GLENN, *Kimberly*

GORDON DAVIS GOFF, *Rupert*

MARIUS PARMELEE HANFORD, III, *Spokane, Wn.*

DARRELL JOE HATFIELD, *Buhl*

WALTER AUGUST HAUCK, *Blackfoot*

DELOY G. HENDRICKS, *Blackfoot*

VELDON MAX HIX, *Idaho Falls*

JAMES HARRY HODGSON, *Hamer*

JERRY ALBERT JOHNSON, *Worley*

DALE DAVID JOLLIFF, *Lewiston*

NORMAN GLENN KEESLER, *Wendell*

ALVA LON McCONNEL, *Montour*

KURT LEWIS MOLLER, *Rupert*

JAMES EDWARD NEIBAUER, *Romulus, Mich.*

DEAN HARTLY PEARSON, *Troy*

ADOLFO GUSTAVO PONS, *Quito, Ecuador*

MACK ANDY REDFORD, *Caldwell*

DONALD WILLIAM ROYSE, *Fruitland*

LYLE BLAINE SASSER, *Pingree*

R. GARTH SASSER, *Pingree*

ORVIL CHARLES SEARS, JR., *Elba*

ROBERT JOE SHAWEN, *Mead, Wash.*

SHERMAN ARTHUR SNOW, *Moscow*
Cum laude

GARY W. STEINER, *Rexburg*

WILLIAM SUTTON, *Midvale*
Cum laude

MARCUS JOHN TODD, *Lapwai*

EDWARD LOUIS WEIDE, *Nampa*

DWAYNE GENE WESTFALL, *Aberdeen*

ROBERT LESLIE WILLIAMSON, JR., *Buhl*

JESSE EDWARD WILSON, *Soap Lake, Wash.*

COLLEGE OF ENGINEERING

Bachelor of Science in Civil Engineering

TIMOTHY DEXTER BARNETT, *Ahsahka*

KEITH ALAN BARRICK, *Nampa*

RICHARD JAMES BAUGHMAN, *Boise*

CHARLES GERALD BOVEY, *Lewiston*

IVAN LESTER DAY, *Moscow*

RICHARD O. DAY, *Moscow*

ELMORE HAMMOND DEAN, *Rupert*

DEL EATON, *Palo Alto, Calif.*

ALBERT LOVELL ELLSWORTH, *Jackson, Wyo.*

KEITH ELDER FENTON, *Calgary, Alta., Canada*

JACK EDMOND FLACK, *Moscow*

LARRY LEE FUHRIMAN, *Kellogg*

PAUL BOULTON GATTEY, *Calgary, Alta., Canada*

HAROLD DONALD HAFTERSON, JR., *Boise*

TERRANCE WILLIAM HANSON, *St. Anthony*

RICHARD WILLIAM HEDGES, *Parma*

JERRY JOHNSON, *Mullan*

JOHN ALAN JOINES, *Emmett*

WALTER VERN JONES, *Irwin*
Cum laude

LYNN ASHTON KERBY, *Payette*

STANTON BRUCE LAMB, *Wendell*

LARRY CHARLES LARKAM, *Calgary, Alta.,
Canada*

RALPH LINWOOD LAWRENCE, *Pittsfield, Me.*

GEORGE ARNOLD MCKNIGHT, *Calgary, Alta.,
Canada*

JOSEPH DALE MCMICHAEL, *North Platte, Neb.*

HERBERT EDWARD MILLHEISLER, *Coeur d'Alene*

RICHARD ARTHUR NEAL, *Pocatello*

ROBERT PAUL NEWELL, *Boise*

RICHARD OWEN NUSTAD, *Coeur d'Alene*

STUART MARVIN ROBERTSON, *Boise*

ROBERT LEE ROLAND, *Rupert*

LADDIE JOE TAYLOR, *Everett, Wash.*

JOHN EDWARD WANAMAKER, *Wallace*

Bachelor of Science in Electrical Engineering

JAY V. ANDERSON, *Pocatello*

RULON DEORR BAGLEY, *Montpelier*

EVERETT MINNICH BAILY, *Hansen*
Summa cum laude

MANMOHAN SINGH BAINS, *Punjab, India*

WILLIAM STEVE BARAK, JR., *Boise*

HAROLD THOMSON BARRACLOUGH, *Boise*

RALPH BERT BAUGHMAN, *Buhl*

DONALD JACKSON BECK, *Wallace*

LYNN STEPHEN BELL, *Twin Falls*

LAURENCE DAVIDSON CHIPMAN, *Salmon*

DONALD LOUIS DUNCAN, *Payette*
Summa cum laude

WILLIAM RUDOLPH ETTER, *Moscow*

JOHN GEORGE FABIE, *Chicago, Ill.*

JAMES LOWELL GUNDERSEN, *Lynwood, Calif.*

CHARLES EDWARD HANFORD, *Boise*

ROBERT LESLIE HANSEN, *Lewiston*

KENNETH CYRUS HARSHMAN, *Parma*

ALVIN CHESTER HASTINGS, *Moscow*

JOHN ROSS HURTT, <i>Parma</i>	LAWRENCE LEE PROCTOR, <i>Richfield</i>
WAYNE RAY JONES, <i>Fairfield</i>	HAROLD KENNETH REGNIER, JR., <i>Montpelier</i>
DAVID GEORGE KIBLER, <i>Boise</i>	RICHARD ALLEN RENE, <i>Twin Falls</i>
HERBERT ELDON KINSEY, <i>Invermere, B.C.</i> <i>Canada</i>	STANLEY VERNON RISHEL, <i>Vale, Ore.</i>
ELMER PAUL KROGUE, <i>Blackfoot</i> Cum laude	ROGER ARNOLD SCHROEDER, <i>Sunland, Calif.</i>
HOWARD TYRONE LACEY, <i>Weiser</i>	FORREST KAY SKAGGS, <i>Boise</i>
WARREN HOWARD LAINE, <i>Boise</i>	FRANK ROBERT SLAVIK, <i>Pocatello</i>
GENE ARTHUR LAWRENCE, <i>Lewiston</i> Cum laude	ROBERT AUGUST SUHR, <i>Grangeville</i>
DEL RAY LEE, <i>Gooding</i>	LLOYD ALBERT TAYLOR, <i>Arco</i>
GEORGE KOCK LEM LIM, <i>Salt Lake City, Utah</i>	ROBERT JAMES TWIGGS, <i>Blackfoot</i> Cum laude
JERRY DUANE LINNELL, <i>Compton, Calif.</i>	MERLE DEAN VOTH, <i>Blackfoot</i>
RANDALL GALE LITTON, <i>St. Anthony</i>	JOSEPH GEORGE WALL, JR., <i>Staten Island, N.Y.</i>
GERALD FRANK METCALF, <i>Nampa</i>	LARRY LYNN WILLIAMS, <i>Fruitland</i>
DAVID HALE NAPPER, <i>Pocatello</i>	RONALD LEROY WIMER, <i>Cottonwood</i>
EARL CHRIS PEDERSON, <i>Caldwell</i>	

Bachelor of Science in Mechanical Engineering

EDDIE JEAN BAILEY, <i>Albion</i>	JOHN DOUGLAS HENDERSON, <i>Rexburg</i>
JOHN THOMAS BAKER, <i>Logansport, Ind.</i> Cum laude	ROBERT ROY HENDERSON, <i>Eden</i>
GARY LYNN BARR, <i>Walla Walla, Wash.</i>	LYLE LUTHER ILLS, <i>Rupert</i>
GENE KENNETH BAXTER, <i>Boise</i> Cum laude	STANLEY STEPHEN MAKOWSKI, <i>Ambridge, Pa.</i>
JAMES HARLAN BOYD, <i>Moscow</i>	DONALD TREGO MANSOR, <i>Blackfoot</i>
JAMES CLARK CHILD, <i>Omaha, Neb.</i>	WAYNE MILLS NOBLE, <i>Moscow</i>
SAMUEL L. CLENDENIN, <i>Arco</i>	DAVID TRACY ROSS, <i>Farmington, Wash.</i>
LAWRENCE ALBERT CLURE, <i>Cambridge</i>	RAY CLIFFORD SHUBERT, <i>Culdesac</i>
JACK STILWELL COHEA, <i>Moscow</i>	RALPH MARSHALL SMITH, <i>Garfield, Wash.</i>
GARY LEROY CRAIG, <i>Kimberly</i>	GARY DEAN SPABERG, <i>Mountain View, Calif.</i>
IVAN RAY CRANSTON, JR., <i>Wallace</i>	JACK CLAYTON SWEARENGEN, II, <i>Yorba Linda, Calif.</i>
GARY JOHN DAU, <i>Reubens</i>	RICHARD NELSON THOMPSON, <i>Coeur d'Alene</i>
DARRYL JOE DORATHY, <i>Payette</i>	WELDON REYNOLDS TOVEY, <i>Blackfoot</i>
DAVID BECKWORTH FUDGE, <i>Coeur d'Alene</i>	DOUGLAS FRED VANERKA, <i>La Grange, Ill.</i>
HARVEY LEONARD HANSON, <i>Troy</i>	RAYMOND HARRY WILLMS, <i>Gooding</i>
DUANE HENRY HEBER, <i>Coeur d'Alene</i>	ROBERT EARL YEARSLEY, <i>Pocatello</i>

Bachelor of Science in Chemical Engineering

CONRAD WILLIAM BEITZ, *Paul*

WILLIAM DEAN COLLINS, *Boise*

DONALD LEE GABBE, *Covina, Calif.*

GARY MICHAEL HAMAN, *Coeur d'Alene*

GAYLE DEAN HIX, *Idaho Falls*

LARRY DEAN HUTTEBALL, *Boise*

GEORGE BURTON IRVING, *Moscow*

MICHAEL JOHN KILLIEN, *Spokane, Wash.*

ROBERT MERRILL McCARTEN, *Craigmont*

BRIAN DAVID MECKEL, *Coeur d'Alene*

ROBERT GUSTAF SHALLMAN, *Boise*

Bachelor of Science in Agricultural Engineering

RAYMOND STEVE GEORGE, *Elk City*

HERBERT WALTER HERETH, *Lewiston*

GREGORY GAIL KNAPP, *Harrington, Wash.*

JAMES WILLIAM LUNTE, *Buhl*

JAMES PHILIP MECKEL, *Moscow*

AUGUST CHRISTIAN MUELLER, *Moscow*

CHARLES LOREN PETERSON, *Emmett*

DALE WILLIAM SCHLADER, *Nezperce*

JAMES GORDON STORMS, *Plummer*

GEORGE ALLEN THORSON, *Graceville, Minn.*

LEROY RUDOLPH TRUPP, *Sugar City*

WILLIAM FLOYD WELLER, *Coeur d'Alene*

DAVID RICHARD WYATT, *Lewiston*

COLLEGE OF LAW

Bachelor of Laws

JOHN KELLEY ARNOLD, *Clarkston, Wash.*

ORVIL DELORE ATKINSON, *Twin Falls*

REED J. BOWEN, *Rexburg*

EDWARD JOSEPH HELMCKE, *Phoenix, Ariz.*

WILEY GILFORD HURST, *Yakima, Wash.*

CRAIG CHARLES KOSONEN, *Coeur d'Alene*

EDWARD JAMES LODGE, *Caldwell*

MARSHALL NEAL NEWHOUSE, *Boise*

MILO WILMER POPE, *John Day, Ore.*

GERALD LEROY WESTON, *Boise*

ROGER LESLIE WILLIAMS, *Lewiston*

ROBERT CECIL YOUNGSTROM, *Boise*

COLLEGE OF MINES

Bachelor of Science in Mining Engineering

ROBERT EARL BADGER, *Martinez, Calif.*

JAMES HAAS, *Wahpeton, N.D.*

THOMAS WILLIAM KERR, *McCall*

YE YOUNG KIM, *Seoul, Korea*

DONALD WILFRED SKEELS, *Riverside, Calif.*

GEORGE ROBERT SYRING, *Allen Park, Mich.*

ROBERT GEORGE SYRING, *Allen Park, Mich.*

Bachelor of Science in Metallurgical Engineering

JAMES ALLEN CORNIE, *Buhl*
DARHL ROBERT EVANS, *Malad*

JOHN RICHARD SCHULENBERGER, *Salmon*
JOHN JAMES WICK, JR., *Coeur d'Alene*

Bachelor of Science in Geological Engineering

PAUL DAVIS BREITHAAPT, *Costa Mesa, Calif.*
KENNETH DUDLEY CONNELL, *Boise*
LEONARD GARRAND, JR., *Pocatello*
EDWIN FRANKLIN HAHN, *Shoshone*
JAMES STARR JENKS, *Moscow*
Cum laude

JAMES FREDERICK LEMP, *Washington, D.C.*
Cum laude
JOHN EDWIN PARKES, *Jacksonville, Fla.*
JOHN DAVID RIVA, *Canmore, Alta., Canada*
IVAN JOHN ROSSO, *Calgary, Alta., Canada*

Bachelor of Science in Geology

RONALD KEITH BUDER, *Vallejo, Calif.*
GEORGE NEIL DOWNIE, JR., *Wallace*
TERRILL ROY FLEMING, *Boise*
DONALD STEPHEN FOUNTAIN, *Moscow*
WILLIAM RUCKER GREENWOOD, *Pleasant Valley, Iowa*
FREDERICK TERRENCE GRIER, *MacLeod, Alta., Canada*
JOHN THOMAS HALEY, JR., *Moscow*
DONALD ALBERT HULL, *Wallace*
BURL CHARLES JENSEN, *La Grange Park, Ill.*
ROBERT WAYNE KRASK, *La Grange, Ill.*

FRANK EARL LEWIS, *Moscow*
MARSHALL JOE MCFARLAND, *Hansen*
JAMES DONALD MACDUFF, *Lewiston*
JAY EARL ORT, *Lewistown, Pa.*
WILLIAM DELANO PAGE, *Moscow*
ROBERT MICHAEL SHILL, *Newman Lake, Wash.*
DAVID OLAF SUHR, *South Haven, Mich.*
ERNEST ROBERT VYSE, *Trail, B.C., Canada*
RICHARD SHIRL WILSON, *Moscow*

Bachelor of Science in Geography

MELDON BURDEAN ANDERSON, *Rupert*

DONALD JAMES VOELLER, *Rugby, N.D.*
Cum laude

COLLEGE OF FORESTRY

Bachelor of Science in Forestry

JAMES LEE ALBERTA, *Surrey, N.D.*
JOHN DOUGLAS ANDRICK, *Amarillo, Texas*
RICHARD KENNETH BEST, *Coeur d'Alene*
THOMAS PATRICK BOLAND, *Idaho Falls*
CECIL EUGENE BROCK, *Moscow*

ROBERT JAMES BROCK, *Lenore*
JOHN DAVID CAMPBELL, *Moscow*
ROBERT JOEL CASE, *La Mesa, Calif.*
DAVID ALBERT CHRISTY, *Lima, Ohio*
DONALD EDWIN COMSTOCK, *Lewiston*

JOHN ANTHONY CRANDALL, <i>Pocatello</i>	ERNEST ADALBERT POLZ, <i>Hillside, Ill.</i>
FREDERICK OLIVER DICKERSON, <i>Albuquerque, N.M.</i>	MICHAEL CONOVER REEB, <i>Deerfield, Ill.</i>
JAMES LEWIS DUNGAN, <i>Casper, Wyo.</i>	ROBERT MAIN RICHMOND, <i>Cody, Wyo.</i>
LAURENCE NAAMAN ELLISON, <i>Weiser</i> Summa cum laude	CHARLES EDWIN RIGGS, <i>Bliss</i>
WILLIAM HEBER EMMINGHAM, <i>Kellogg</i> Cum laude	NORMAN CHESTER RITCHEY, <i>Moscow</i>
GERALD MARTIN GARTHE, <i>Santa Ana, Calif.</i>	HAROLD FREDERICK ROBERTSON, JR., <i>Philadelphia, Pa.</i>
ORVIS CLINTON GUSTAD, <i>Moscow</i>	HAL LELAND ROGERS, <i>Genesee</i>
RICHARD LYLE HORN, <i>Burley</i>	DONALD ERIC RUNBERG, <i>Moscow</i>
JOHN PHILLIP KOWZAN, <i>Du Quoin, Ill.</i>	THOMAS WILLIAM SCHROEDER, <i>Hales Corners, Wisc.</i>
GORDON RALPH LOCKARD, <i>Moscow</i>	DAVID ALAN SHARPBACK, <i>Oak Park, Ill.</i>
ROBERT HAL LUND, <i>Sacramento, Calif.</i>	ROBERT LOGAN SHEDD, <i>Albany, Calif.</i>
GARY RICHARD McNEILL, <i>Nampa</i>	ROBERT EDWARD TANK, <i>Lewiston</i>
GLENN FRANKLIN MARTIN, <i>Salmon</i>	JAMES HENRY TAUBMAN, <i>Moscow</i>
GARY ERNEST MEISNER, <i>Kamiah</i>	DONALD JOSEPH TEMPLE, <i>Ponderay</i>
BERNARD CHARLES MURPHY, <i>Wallace</i>	WILLIAM MORGAN TILTON, <i>New Castle, Pa.</i>
DARWIN DELBERT NESS, <i>Moscow</i>	JAMES JAMIESON TOFFLING, <i>Moscow</i>
EUGENE PAUL NIELSEN, <i>Milwaukee, Wisc.</i>	ALAN BRADLEY UNDERWOOD, <i>Harper Woods, Mich.</i>
RICHARD ALAN OGLE, <i>Moscow</i>	HARVEY MACY WALDRON, JR., <i>Moscow</i> Cum laude
MAX MARIUS OLLIEU, <i>Richfield</i>	WADE GLEN WELLS, II, <i>Boise</i>
JAMES JOSEPH JOHN PALISIN, <i>Cleveland, Ohio</i>	JACK FREDERICK ZIMMERMANN, <i>Milwaukee, Wisc.</i>
DAN THOMAS PENCE, <i>Mackay</i>	

COLLEGE OF EDUCATION

Bachelor of Science in Education

NORMA RENNER ABEL, <i>Lewiston</i>	CHARLES FLOYD BIGSBY, <i>Silverton</i>
PHYLLIS ARLENE ADAMS, <i>Lewiston</i> Cum laude	MARY ELIZABETH BILLS, <i>Boise</i>
JOHN THORNTON BAGGS, JR., <i>Lewiston</i>	VERNE BLALACK, <i>Cataldo</i>
COY ANN BALL, <i>Rexburg</i>	JANET EILEEN COOKE BOURQUE, <i>San Antonio, Tex.</i>
CHARLOTTE ELIZABETH COE BARNES, <i>Moscow</i> Cum laude	GERRY DALE BROWN, <i>Pierce</i>
ROBERT WILLIAM BARRETT, <i>Aberdeen, S.D.</i>	IDA ESTELLA GROVES BUHLER, <i>Grangeville</i>
ETHEL RUBY BARTON, <i>Helix, Ore.</i>	WINNIFRED TEICH BUISING, <i>Coeur d'Alene</i>
ELMA WENGER BECKER, <i>Aberdeen</i>	ANTHONY LEO BURKE, <i>Fairfield, Wash.</i>
JOHN ASCHEL BECKWITH, JR., <i>Boise</i>	LEWIS HARRY BUTTON, <i>Lewiston</i>
STELLA IRENE McCLELLAND BENJAMIN, <i>Princeton</i>	SANDRA JEAN BYRNE, <i>Helena, Mont.</i>

ALVIS JOE CARDER, *Coeur d'Alene*
 NADINE DUNAWAY TALBOT CHAFFIN, *Boise*
 HELEN ELIZABETH GREGORY CLARK, *Moscow*
 MARIAN JEAN CLARK, *Wendell*
 RICHARD JOHN CLERY, *Everett, Mass.*
 RICHARD HOTCHKISS COOPER, *Old Greenwich, Conn.*
 JOHN WARNER CROWE, *Rupert*
 CAROL ANNE DAVISON, *Boise*
 JOSEPH LUNA ESPINOZA, *Wapato, Wash.*
 JUDITH JUNE EVANS, *Mountain Home*
 JOANNE BARBARA EXTALE, *Ontario, Calif.*
 HAROLD EUGENE FISHER, *Williamsport, Pa.*
 JOHN PATRICK FLEMING, *Wellesley Hills, Mass.*
 JANICE ELIZABETH FOLEY, *St. Anthony*
 EDWARD LEWIS FORDHAM, *Moscow*
 FORREST EARL FRANKLIN, *Orofino*
 FRED SETH FREEBURG, *Riggins*
 MARGARET ANNE GARRISON, *Moscow*
 MELVIN LEROY GATES, *Wendell*
 LINDA JEAN GATLIN, *Moscow*
 RACHEL RUTH GLEASON, *Moscow*
 GLORIA LOUISE GOWANLOCK, *Spokane, Wash.*
 WILLIAM ALBERT GRUNST, JR., *Evans, Wash.*
 ORINDA NANCY HAMON, *Caldwell*
 WILLIAM HANSON, JR., *Wallace*
 ROY STUART HARGRAVE, *Pasadena, Calif.*
 JIMMY DALE HARRIS, *Moscow*
 DORIS IRENE PALMER HARVEY, *Lewiston*
 RAYMOND ROBERT HATTON, *Moscow*
 LAURA BELLE CHAPMAN HOGABOAM, *Lapwai*
 PATRICIA MARIE HUGH, *Long Beach, Calif.*
 CAROLE ANN HURLEY, *Staten Island, N.Y.*
 ANN PAGE IRWIN, *Kimberly*
 DALE F. JAMES, *Pendleton, Ore.*
 DORIS EILEEN JAMESON, *Notus*
 RALPH JOSEPH JANNINO, JR., *Everett, Mass.*
 PANSY VERBENA JOHNSEN, *Moscow*
Cum laude
 VIOLET ELAINE JOHNSEN, *Moscow*
 WILLIAM EARL JOHNSON, *Moscow*
 JUDITH ARIENE JONES, *Malad*
 LORA MAE KENNEDY, *Kellogg*
 JAKOB EDWARD KESSLER, *Brooklyn, N.Y.*
 JAMES ROBERT KRAUS, *Moscow*
 CLAUDETTE MARIE KUCH, *Spokane, Wash.*
 DANNY G. LANGDON, *Twin Falls*
 MAUREEN EILEEN LANNEN, *Pinehurst*
 HELEN EUGENIE LAUGHLIN, *Moscow*
 CLIFFORD WAYNE LAWRENCE, *Nampa*
 LEE E. LEFLER, *Lewiston*
 RAMONA KATHRYN LEGG, *Kimberly*
 KAREN COINER LINDEMER, *Hansen*
 ROBERT DUANE LINE, *Kellogg*
 CAROLYN SUE LIVINGSTON, *Buhl*
Cum laude
 WILLIAM FREDRICK LOCKARD, *Post Falls*
 WILLIAM LOREN MCGONAGLE, *Moscow*
 EARL RAYMOND MCKIE, *Blackfoot*
 MITZI KAY SWITZER MARNOCH, *Moscow*
Cum laude
 JON MELLE, *Mountain Home*
 ROBERT EDWARD MOE, *Cataldo*
 EDWARD JUSTICE MOOMAUGH, *Moscow*
 MARCIA ANN MOTTINGER, *West Covina, Calif.*
 JAMES WERNER NEESE, *Moscow*
 DOROTHY IRENE NELSON, *Mohler*
 ELLA LEE NELSON, *Salmon*
 DIANN LORENE NORDBY, *Moscow*
 RICHARD GLADE OBERHANSLI, *Ashton*
 RAYMOND RICHARD OLSON, *Murtaugh*
 MARGARET LOUISE OMANS, *Grangeville*
 RICHARD FREDRICK OMANS, *Grangeville*
 EDWARD WOOLNOTH OTTON, JR., *Lewiston*
 RICHARD GALE PAUL, *Grand Forks, N.D.*
 ROBERT RAY PEASLEY, *Pomeroy, Wash.*

JERRY RICHARD PELTON, *Elk River*
 PRISCILLA HELEN PERKINS, *Princeton*
 GERTRUDE LOUISE BREVICK PETERSEN, *Moscow*
 DOUGLAS AMOS PETERSON, *Lewiston*
 EARL CHARLES PFEIFFER, *Challis*
 HYLON THERON PLUMB, III, *Boise*
 SHARON VIOLA PRICE, *Richland, Wash.*
 Cum laude
 LOIS MAXINE PROCTOR, *Richfield*
 RUTHANNA HAWKINS RAUER, *Moscow*
 GRACE MARIE RAYNOR, *Sandpoint*
 BILLIE JOYCE REED, *Sagle*
 CORRINAH MAY CHAPMAN ROBERTS, *Kendrick*
 PATSY LEE ROGERS, *Moscow*
 BRUCE DAVID RUMPF, *Mountain Home*
 GERALD JAMES RYAN, *Weiser*
 MARGARET ABBOTT STEELE ST. JOHN, *Salmon*
 WILLIAM CONRAD SAUER, *Rochester, N.Y.*
 JUDITH DEAN SCANLAN, *Spokane, Wash.*
 HELEN LOUISE SCHIFFLER, *Wendell*
 WILLIAM GEORGE SCHMIDT, *Seattle, Wash.*
 WILLIAM OAKES SCHOLES, *Coeur d'Alene*
 ROBERT DALE SELLE, *Sandpoint*
 Cum laude
 DELOS EDWARD SERVOSS, *Bonnors Ferry*
 WILMA MAURINE LEE SEVEDGE, *Moscow*
 MICHAEL ROBERT SHEERAN, *Medford, Mass.*
 LEE CHARLES SHELLMAN, *Coeur d'Alene*
 VIRGINIA LYNNE SHELMAN, *Bonnors Ferry*
 VIOLA GRAHAM SHERMAN, *Arco*
 DOYT HAROLD SIMCOE, *Buhl*
 NELLIE BEATRICE ULRICH SIMMONS, *Lewiston*
 Cum laude
 BLEND A NELSON SMITH, *Lewiston*
 HURSCHELL EUGENE SMITH, *Hope*
 BETHEL LAJEAN SOLT, *Weiser*
 JACK STARR, *Moscow*
 KEITH LEROY STEPHENS, *Winchester*

JESSE LEE STINCHCOMB, *Lewiston*
 JUDITH LOUISE STODDARD, *Salmon*
 RODNEY EUGENE STOREY, *Lewiston*
 MILDRED MURRIEL SUNDH, *Pomeroy, Wash.*
 JEAN LOUISE SPENCER SWEENEY, *Polson, Mont.*
 MARGARET ANN TATKO, *Craigmont*
 MARY MAURINE BELL TATUM, *St. Maries*
 IRIS MARGARET THOMPSON, *Glenns Ferry*
 ROBERT KIM TODD, *Buhl*
 CLIFFORD LYLE TROUT, *Yakima, Wash.*
 JERRY LEE TUCKER, *Lewiston*
 KATHERINE LOUISE ULBRICHT, *Oswego, Ore.*
 HELEN LOUISE OWNBEY VEST, *Moscow*
 SILVANO ANTHONY VIAL, *Burlingame, Calif.*
 SHARON WALDRAM, *Coeur d'Alene*
 THERON WINTHROP WARD, *Twin Falls*
 GEORGE HENRY WASHBURN, *Nampa*
 LYLE GILBERT WEBBER, *Winchester*
 FRANCES RUTH WENDT, *Cottonwood*
 CORALIE DAVIS WESTON, *Boise*
 LYNN ANN WHITE, *Spokane, Wash.*
 SALLY SUE WILBANKS, *Mercer Island, Wash.*
 ROLAND HENRY WILLIAMS, *Wardner*
 DONALD RAY WILLIS, *Riggins*
 RICHARD DEAN WILSON, *Moscow*
 ROBERT NEWTON WING, *Lewiston*
 SANDRA MARLENE WING, *Moscow*
 DONALD RAY WITT, *Hales Corners, Wisc.*
 PARKER GLENN WOODALL, *Sweet*
 DARRELL GENE WOOFER, *Las Vegas, Nev.*
 WILLIAM JUDD WORLEY, *Litchfield, Ill.*
 GERALD ROBERT WUNDERLICH, *Bovill*
 ARCHIE JEROME YAGER, *Sandpoint*
 MARY ELIZABETH YOUNGSTROM, *Boise*
 RONALD PAUL ZWITTER, *Milwaukee, Wisc.*

Bachelor of Science in Music Education

PETER LOSSL CORWIN, <i>Lewiston</i>	CHESTER RODNEY PETERSON, <i>Lewiston</i>
GEORGIA SABIN FINCH, <i>Coeur d'Alene</i> Cum laude	DORLYTA JAYNEJO SCOGGIN, <i>Fairfield</i>
JOANN FINGERSON, <i>Wendell</i>	JERRY STEPHEN SHIVELY, <i>Idaho Falls</i>
MYRNA RAE INGRAM, <i>Grangeville</i> Cum laude	LAVONNE SEUBERT TARBOX, <i>Troy</i> Cum laude
CLIVE WALKER LINDSAY, <i>Burley</i>	JAY ARNOT THURMOND, <i>Boise</i>
VERNA LEE LOTT, <i>Hagerman</i>	PATRICIA ANN ABBOTT TUCKER, <i>Boise</i>
JOANN ELAINE MOORE, <i>Nampa</i>	

Bachelor of Science in Business Education

CONNIE JEANETTE BLOCK ALLEN, <i>Jerome</i> Summa cum laude	DARLENE LOUISE MATHENEY, <i>Eden</i>
VERLA RAE BARNEY, <i>Shoshone</i>	NANCY EARLEEN NELSON, <i>Moscow</i> Cum laude
JOSEPH ALFRED BOUCHARD, JR., <i>Kellogg</i>	PATRICIA RAMSEY PATTON, <i>Prosser, Wash.</i>
JANICE LEE CRANE, <i>Bovill</i>	ELIZABETH JANE TAYLOR, <i>Moscow</i> Cum laude
LOIS ANN MANWEILER, <i>Rathdrum</i>	GLENIS GAY TUSON, <i>Kellogg</i>

COLLEGE OF BUSINESS ADMINISTRATION

Bachelor of Science in Business

GERALD BUNDY ANDERSON, <i>Culdesac</i>	SCOTT MANNING CULP, <i>Oswego, Ore.</i>
MICHAEL MARSHALL ANDERSON, <i>Nampa</i>	ROBERT ALLEN DAHL, <i>Orofino</i>
KATHRYN ELLEN ASLETT, <i>St. Anthony</i>	JAMES PATRICK DAVIDSON, <i>Ontario, Calif.</i>
LOIS MAE AXTELL, <i>Caldwell</i>	JOHN WILLIAM DAVIS, <i>Burley</i>
DWAYNE EVERETT BAKER, <i>Moscow</i>	WILLIAM ROBERT DAVIS, <i>Sandpoint</i>
ROTCHFORD LEE BARKER, <i>Spokane, Wash.</i>	DALE CARTER DENNIS, <i>Coeur d'Alene</i>
GARY LEE BRANNAN, <i>Grangeville</i>	JAY LOUIS DEPEW, <i>Jerome</i>
CHARLES RICHARD BROULIM, <i>Rigby</i>	REX LEE DORMAN, <i>Boise</i> Cum laude
RICHARD TALLE CHAFFIN, <i>Altadena, Calif.</i>	RICHARD GENE ERWIN, <i>Osburn</i>
ROYCE CARROLL CHIGBROW, <i>Gooding</i>	JERRY TED FELLOWS, <i>Milton-Freewater, Ore.</i>
LEONARD LAVERN CLARK, <i>New Meadows</i>	JOHN OREN FITZGERALD, <i>Moscow</i> Cum laude
KENNETH CONRAD COFIELD, <i>Emmett</i>	RICHARD ALBERT FONG, <i>Boise</i>
WILLIAM EDWARD COSTELLO, <i>Coeur d'Alene</i>	JACK SHRUM GJORDING, <i>Hammett</i>
JIMMIE T. G. COULSON, <i>Boise</i>	DOUGLAS ROBERT GOODRICH, <i>Spokane, Wash.</i>
JERRY KAY CRAVEN, <i>Pocatello</i> Cum laude	JANICE OLIVER HAMILTON, <i>Coeur d'Alene</i>
MERVIN EUGENE CROWSER, <i>Twin Falls</i>	FRANK WILLIAM HAUSLADEN, <i>Grangeville</i>

WILLIAM DANIEL HAWKINS, *Sandpoint*
 JIMMY DALE HOLMES, *Twin Falls*
 RAYMOND WESLEY HOLMES, *Aberdeen*
 DANIEL EUGENE HOWARTH, *Burley*
 JAMES SYDNEY HUGGINS, *Oakland, Calif.*
 RALPH THOMAS JACOBS, *Othello, Wash.*
 LELAND KAY JARVIS, *Grangeville*
 DOHN ROBERT JOHNSON, *Mullan*
 WILLIAM RICHARD JOHNSTON, *Post Falls*
 RAY WILLIAM KOWALLIS, *Boise*
 KEITH RONALD KROETCH, *Harrison*
 FREDRIC HUGO KROLL, *Twin Falls*
 ROBERT HUGH LEE, *Wallace*
 JOSEPH ARCHIBALD LEITCH, *Nezperce*
 DONALD EUGENE LEONARD, *Sandpoint*
 LEON BRILL LEWIS, *Sandpoint*
 WILLIAM RICHARD LEWIS, *Sandpoint*
 DUANE EWING LITTLE, *Kellogg*
 JOYCE KAY LITTLETON, *Spokane, Wash.*
 WILLIAM WILFRED LOGAN, JR., *Moscow*
 JAMES DEAN LUDWIG, *Council*
 DONALD DUFF MCKEE, JR., *Spokane, Wash.*
 ZOLA FAIRLEY McMURRAY, *Lewiston*
 JOHN MAGEL, *Twin Falls*
 JOHN STANLEY MARTIN, *Littleton, Colo.*
 WALTER ELLIOTT MELIOR, *Bonnors Ferry*
 GERALD ROBERT MEYERHOEFFER, *Moscow*
 ELIZABETH ANN MISNER, *Peck*
 DONALD LEE MODIE, JR., *Lewiston*
 KENNETH LEE MUSHLITZ, *Twin Falls*
 Cum laude
 ANTHONY ALVIN NELSON, *Wallace*
 MONA MARIE OLSEN-NAUEN, *Billingstad,*
 Norway
 DOUGLAS CARTER OLSON, *Osburn*
 LARRY ALLAN PACKWOOD, *Orofino*
 ROBERT DALE PARKS, *Genesee*
 WILLIAM LAWRENCE PASLEY, *Caldwell*
 CHARLES RONALD PETERS, *Coeur d'Alene*
 JACK PETTYGROVE, *Twin Falls*
 DAVID CHARLES PIERCE, *Buhl*
 NICHOLAS EDWARD POOL, *Pocatello*
 GARY CHARLES RANDALL, *Wallace*
 GEORGE LAVANCE RAUER, *Moscow*
 GERALD RAY REYNOLDS, *Grangeville*
 DAVID EDWARD RIGGERS, *Nezperce*
 JAMES ROBERT ROGERS, *Payette*
 ROBERT NELSON ROWLAND, *Pocatello*
 ARTHUR LEE ROYCE, *Moscow*
 JOHN CHARLES RUTHVEN, *Coeur d'Alene*
 BILL A. SAGE, *Bonnors Ferry*
 ERROL HENRY SCHNIDER, *Grangeville*
 RICHARD EUGENE SHEPPARD, *Twin Falls*
 JOSEPH WILLIAM SIMPSON, *Idaho Falls*
 RICHARD SIGUREBJORN SIMUNDSON,
 Coeur d'Alene
 ORTON SEVERIN SNEVE, *Spokane, Wash.*
 HAROLD LARRY STEWART, *Priest River*
 RICHARD DEAN TURNER, *Nampa*
 ROBERT CHARLES VALENTINE, *Kimberly*
 DAVID RANKIN WALLACE, *Donnelly*
 DELBERT JOHN WEBB, *Coeur d'Alene*
 CHARLES PATRICK WEES,, *Moscow*
 CHARLES GEROW WHEATON, *Moscow*
 ARVIN LAVERNE WHITE, *Sandpoint*
 JAMES EDWARD WHITE, *Moscow*
 TRYPHENA MARY WHITEHEAD, *Samuels*
 DONALD ALBERT YOST, *Emmett*

Advanced Degrees

Master of Arts

- LAKHWANT SINGH AULAKH, B.A., *Punjab, India*
Major in Economics. *Thesis*: Labor in the Underdeveloped Economy of India
- DONALD KEAN CORRIGAN, B.S., *Los Angeles, California*
Major in History. *Thesis*: English Catholic Recusants, Political Outlaws, 1618-1660
- LONNIE JAMES DURHAM, B.A., *Moscow*
Major in English. *Thesis*: John Donne's Attitude Toward the Law and the Legal Ethic Which He Expounded in the Lincoln's Inn Sermons
- LEO WILLIAM GRAFF, JR., B.A., *Britton, South Dakota*
Major in History. *Thesis*: The Idaho Statehood Movement, 1888-1890
- GORDON NEIL HOWARD, B.S.(Ed.), *Moscow*
Major in History. *Thesis*: Cromwell's "Grym Gyant" The Life of Major-General John Desborough
- LILLIAN GRITMAN WOODWORTH OTNESS, B.A., M.S.(Ed.), *Moscow*
Major in English. *Thesis*: A Reconciliation of Opposites: Coleridge and T. S. Eliot
- ROBERT ANTHONY PERRIN, JR., B.A., *Stillwater, Maine*
Major in History. *Thesis*: Two Decades of Turbulence. A Study of the Great Lumber Strikes in Northern Idaho (1916-1936)
- DAVID ORAN RANKIN, B.A., *McKusport, Pennsylvania*
Major in Political Science. *Thesis*: An Analysis of Joseph Stalin's Rise to Power: An Investigation Into His Relationship With Lenin from 1903-1924
- ROBERT JAMES RILEY, B.A., *Ashton*
Major in History. *Thesis*: The Nez Perce Struggle for Self Government: A History of Nez Perce Governing Bodies, 1842-1960
- EDWARD CHARLES SAYRE, B.A., *Moscow*
Major in English. *Thesis*: A Study of the African Novels of Joyce Cary
- EDMOND GLEN TURNER, B.A., *Homedale*
Major in English. *Thesis*: A Study of Dialect in the Poetry of Gerard Manley Hopkins

Master of Science

- MONIKA VERA AUMANN, *University of Munich, Munich, Germany*
Major in Mathematics. *Thesis*: Contributions to the Estimates of Bilinear Forms In Terms of Eigenvalues
- LAWRENCE OLIVER BUER, B.S., *Edgeley, North Dakota*
Major in Agricultural Chemistry. *Thesis*: Organic Acids As Carbon Sources for *Verticillium Albo-Atrum*
- RICHARD DOUGLAS CANNON, B.S., *Idaho Falls*
Major in Chemistry. *Thesis*: The Dissolution of Iron and Nickel in Dilute Aqua Regia
- GAIL ALLAN CAZIER, B.S., *Shelley*
Major in Mathematics. *Thesis*: Predictor-Corrector Methods for the Numerical Solution of Ordinary Differential Equations
- CHARLES MICHAEL CROW, B.S., *Boise*
Major in Psychology. *Thesis*: The Effects of Auditory Stimulation On the Experience of Pain
- STERLING PITCHFORD DAVIS, B.S.(For.), *Salt Lake City, Utah*
Major in Fishery Management. *Thesis*: A Limnological Survey of the Backwater of the Lower St. Joe River, Idaho
- FRANK ELMER GATEWOOD, JR., B.A., *Idaho Falls*
Major in Mathematics. *Thesis*: A Round-off Error Study On An IBM-650 Computer
- RONALD WAYNE GOIN, B.A., *Idaho Falls*
Major in Physics. *Thesis*: Calculation of the Vibrational Frequencies of Ethylene

- JIMMY DELLOYD KEMPTON, B.S., *Albion*
Major in Physics. *Thesis*: Isotopic Effects in the Low Temperature X-Ray Diffraction of Magnesium Oxide
- ROBERT FRANCIS KEOUGH, B.S., *Pullman, Washington*
Major in Chemistry. *Thesis*: Air Oxidation of Cobalt (II) Complexes of Hydroxyethylethylenediamine
- RICHARD WILLIAM LEWIS, B.S., *Moscow*
Major in Psychology. *Thesis*: A Comparative Investigation of the Quality of Academic Achievement of Fraternity and Non-Fraternity Students
- SIDNEY MARKS, B.S., M.D., *Richland, Washington*
Major in Physics. *Thesis*: On the Foundations of Physical Plane Synthetic Projective Geometry
- LOUIS LAMOYNE MARSDEN, B.S., *Shelley*
Major in Mathematics. *Thesis*: Numerical Inversion of Laplace Transforms by Laguerre Functions
- PULLAMPLAM KRISHNAN RAVINDRA NATHAN, B.S., *Travancore, India*
Major in Mathematics. *Thesis*: A Substitute for the Peano System in the Construction of the Number-System
- DANNY VE NAYLOR, B.S.(Ag.), *Hansen*
Major in Agricultural Chemistry. *Thesis*: The Physical and Chemical Effects of Certain Anions on Kaolinite and Bentonite
- GEORGE DALE ORKNEY, A.B., *Springfield, Oregon*
Major in Botany. *Thesis*: The Seedling Anatomy *Opuntia Polyacantha* Haw.
- GEORGE CALVIN OWENS, B.S., *Idaho Falls*
Major in Chemistry. *Thesis*: The Determination of Submicrogram Amounts of Cobalt and Manganese in Radioactive Samples of Stainless Steel and Stainless Steel Oxides
- HARVEY EARL PALMER, B.S., *Richland, Washington*
Major in Chemistry. *Thesis*: An Electrochemical Determination of Submicrogram Quantities of Molybdenum
- JOSEPH CLAIR PEDEN, B.S., *Richland, Washington*
Major in Physics. *Thesis*: The Study of Multi-Region Reactors With An Analog Computer
- LYLE DONOVAN PERRIGO, JR., B.S., *Richland, Washington*
Major in Chemistry. *Thesis*: A Study of Radionuclide Adsorption in the K Recirculation Loops
- TED MERRILL QUIGLEY, B.S., *Firth*
Major in Physics. *Thesis*: Design of A High-Flux Miniature Ionization Chamber
- RICHARD LAUREL RICHARDSON, B.S.(E.E.), *Kennewick, Washington*
Major in Mathematics. *Thesis*: Symmetric Safety Systems Reliability and Topology
- JAMES HOWARD SHAW, B.S., *Orofino*
Major in Psychology. *Thesis*: A Comparative Study of the Intellectual Performance of Schizophrenic Patients on the Wechsler Adult Intelligence Scale and Peabody Picture Vocabulary Test
- KUNI KUNIMITSU TAKAYAMA, B.S., *Moscow*
Major in Agricultural Chemistry. *Thesis*: A Study of Bean Triglycerides and Phosphatides
- GROVER TUCK, B.S.(Phy.), *Idaho Falls*
Major in Physics. *Thesis*: An Investigation of the Deposition of Iodine-131 from an Air Stream in Stainless Steel Tubing
- DARRELL LEROY WILLIAMSON, B.S.(For.), *Levelland, Texas*
Major in Forest Entomology. *Thesis*: The Biology of *Conophthorus Monticolae* Hopkins in Northern Idaho (Coleoptera:Scolytidae)

Master of Music

- GOLDEN ELWYN ARRINGTON, B.M., *Twin Falls*
Major: Piano and Composition. *Composition*: Sonata No. 1 for Piano

Master of Science in Agriculture

- JACK CLAUDE CHUGG, B.S.(Ag.), *Rupert*
Major in Soils. *Thesis*: Characterization and Genesis of Some Soils Derived from Loess
In the Central Snake River Plain of Idaho
- THOMAS LARUE COOPER, B.S.(Ag.), *Idaho Falls*
Major in Dairy Science. *Thesis*: Histological Changes of the Endometrium of Cattle
- GERALD LEROY CROISSANT, B.S.(Ag.), *Kersey, Colorado*
Major in Crop Production. *Thesis*: A Study of the Inheritance of Two Erectoides Mutants
in Two-Rowed Barley
- MELVIN LEROY DEWITT, B.S.(Ag.), *Moscow*
Major in Agricultural Education. *Thesis*: A Study of the Methods of Teaching Livestock
Health in Vocational Agriculture Classes in Idaho and of Their Importance
- SATWANT SINGH DHINDSA, B.S.(Ag.), M.S.(Ag.), *Punjab, India*
Major in Agronomy. *Thesis*: Genetic Variability in Russian Wildrye (*Elymus junceus Fisch.*)
- MAX A. GARDNER, B.S.(Ag.) *New Plymouth*
Major in Agricultural Education. *Thesis*: An Evaluation of the Summer Program in Vocational
Agriculture by the Idaho School Administrators
- JOHN EDWARD HENRY, A.B., *Moscow*
Major in Entomology. *Thesis*: The Biology of the Sagebrush Defoliator, *Aroga Websteri*
Clarke, in Idaho (Lepidoptera:Gelechiidae)
- DELMER OGG KETCHIE, B.S.(Ag.), *Pullman, Washington*
Major in Horticulture. *Thesis*: The Histological and Chemical Nature of Nodal Swellings
in Italian Prune Trees (*Prunus domestica*)
- JERRY WILSON KNAPP, B.S.(Ag.), *Moscow*
Major in Agricultural Economics: *Thesis*: An Econometric Approach to the Least Cost Ration
for Fattening Steers
- RENATO MARCOS LABADAN, B.S.(Ag.), *Aliaga, Nueva Ecija, Philippines*
Major in Entomology. *Thesis*: The Effects of Population Density on the Development
of the Red Flour Beetle, *Tribolium Castaneum* Herbst.
- DONALD HENRY LUMIJARVI, B.S., *Clatskanie, Oregon*
Major in Poultry Nutrition. *Thesis*: The Effect of Dietary Calcium and Fat Upon Fluorosis
and Bone Calcification in the Chick
- TAKAKAZU NAMIKI, B.S.(Ag.), *Kyoto, Japan*
Major in Horticulture. *Thesis*: A Study of Some Changes in Specific Gravity and Sugar
Content in Russet Burbank Potatoes During Tuber Growth and Storage
- JOHN WILBURN PADEN, B.S., *Moscow*
Major in Plant Pathology. *Thesis*: Interrelations of Various Pathogens in the Onion
Root Rot Complex
- RALPH JOSEPH SCHAEFFER, B.S.(Ag.) *Ferdinand*
Major in Agronomy. *Thesis*: A Study of the Morphology and Physiology of Perennial
Groundcherry and its Response to Herbicidal Control
- CHARLES FREDERICK SWENSON, B.S.(Ag.), *Genesee*
Major in Agronomy. *Thesis*: Phasic Aspects of Seedling Development, Vernalization, Mineral
Accumulation and Herbicide Resistance in *Elymus Caput-Medusae* L.
- ALFRED THIEME, JR., B.S.(Ag.), *San Angelo, Texas*
Major in Animal Husbandry. *Thesis*: The Development of the Ruminant Stomach as
Influenced by Certain Dietary Factors
- BYRON RICHARD THOMAS, B.S.(Ag.), *Filer*
Major in Soils. *Thesis*: Aluminum Studies and Fertility Trails on Some of Northern
Idaho's "Legume Sick" Soils
- JOHN THOMAS WILLEMSEN, B.S.(Ag.), *Moscow*
Major in Dairy Science. *Thesis*: The Use of Sweet Cream Buttermilk Solids in Cheesemaking

Master of Agriculture

- OSCAR FEET, *Agriculture College Norway, Moscow*
Major in Dairy Science. Minor in Bacteriology. Comprehensive Examination

Master of Science in Civil Engineering

THOMAS LEONARD ANDERSON, B.S.(C.E.), *Moscow*

Major in Civil Engineering. *Thesis:* An Investigation of the Use of An Air Permeameter to Measure the In Situ Hydraulic Conductivity of Sandy Soils

FRANK RALPH COLLETT, B.S.(C.E.), *Grand View*

Major in Civil Engineering. *Thesis:* The Effect of Asphalt Treatments on the Weathering Resistance of Degrading Basalt Aggregates Used in Highway Base Construction

TONY WING-NIN LAM, B.S.(C.E.), *Hong Kong, China*

Major in Civil Engineering. *Thesis:* A Study of the Comparative Retention of Hard-to-Coat Stone Chips in Seal Coats by Emulsified Asphalts

HARBHAJAN SINGH, B.S., M.S., *New Delhi, India*

Major in Civil Engineering. *Thesis:* Measurement of Snow Water Equivalent Using Infrared Radiation

Master of Science in Electrical Engineering

JAMES FROMAN BOLAND, B.E.(E.E.), *Idaho Falls*

Major in Electrical Engineering. *Thesis:* Methods Used to Measure the Transfer Functions of the EBR-I, Mark-III Reactor

EDWARD JAMES BROOKS, B.S. *Idaho Falls*

Major in Electrical Engineering. *Thesis:* Instrumentation for Measuring Flow and Related Variables in a Boiling Water-Nuclear Reactor

RICHARD HENRY BROWN, B.S., *Idaho Falls*

Major in Electrical Engineering. *Thesis:* The Design of a Potentiostat for Electrochemical Research

MELVIN LEWIS FAUGHT, B.S.(E.E.), *Richland, Washington*

Major in Electrical Engineering. *Thesis:* A Nuclear Reactor Safety Rod Counting System Using the Direct-Current Bridge Principle

RAY OTTLEY HAROLDSSEN, B.S.(E.E.), *Idaho Falls*

Major in Electrical Engineering. *Thesis:* The Design of Automatic Shutdown and Alarm Circuits on Nuclear Reactors

DAVID OTT HUNTER, B.S.(E.E.), *Richland, Washington*

Major in Electrical Engineering. *Thesis:* Two Ultrasonic Methods for Inspecting Closures of Reactor Fuel Elements

ROBERT DUANE McCORMICK, B.S.(E.E.), *Richland, Washington*

Major in Electrical Engineering. *Thesis:* A Radio-Frequency Helium Ion Source

Master of Science in Mechanical Engineering

RICHARD FOSTER BRENTON, B.S.(M.E.), *Idaho Falls*

Major in Mechanical Engineering. *Thesis:* Power Calibration and Internal Flux Distribution of a Swimming Pool Reactor

REY LUCERO CALL, B.S.(M.E.), *Richland, Washington*

Major in Mechanical Engineering. *Thesis:* Impact Testing and Slow Notch-Bend Testing of Zircaloy-2

STEPHEN WALTER GLEAVE, B.S.(M.E.), *Idaho Falls*

Major in Mechanical Engineering. *Thesis:* Dynamic Strain Measurements on the Spert III Reactor Vessel and Piping

HOWARD DOUGLAS LENKERSDORFER, B.S.(M.E.), *Richland, Washington*

Major in Mechanical Engineering. *Thesis:* An Improved Nuclear Reactor Fuel Piece Charging Machine Using Fluid Power

FREDERICK JOHN MOLLERUS, JR., B.S.(M.E.), *Richland, Washington*

Major in Mechanical Engineering. *Thesis:* Design of Pressure Control System for Large Nuclear Reactors

DALE EDWARD SEBADE, B.S.(G.E.), *Richland, Washington*

Major in Mechanical Engineering. *Thesis:* A Program for Transient Simulation of Heat Exchangers on the IBM 709 Digital Computer

Master of Science in Chemical Engineering

- GEORGE KAY CEDARBERG, B.S.(Ch.E.), *Firth*
Major in Chemical Engineering. *Thesis:* Mixing and Evaporation in a Packed Vessel
- RICHARD FOSTER CORLETT, B.S., *Richland, Washington*
Major in Chemical Engineering. *Thesis:* Pressure Effects at a Sharp Contraction With Boiling Water Flow
- CHONG CHEONG HO, B.S.(Ch.E.), *Kuala Lumpur, Malaya*
Major in Chemical Engineering. *Thesis:* Oxygen Transfer from Air to Water By An Orifice Aerator
- KERMIT LAYTON HOLMAN, B.S.(Ch.E.), *Morris, Minnesota*
Major in Chemical Engineering. *Thesis:* Surface Effects in Pulsed, Packed Columns
- FERNANDO ZAMORA VICENTE, B.S.(Ch.E.), *Manila, Philippines*
Major in Chemical Engineering. *Thesis:* The Development of a Fluidization Process for the Utilization of Safflower Hulls
- JOHN REED WELKER, B.S.(Ch.E.), *Rexburg*
Major in Chemical Engineering. *Thesis:* Vaporization Equilibrium Constants Above the Critical Temperature

Master of Science in Agricultural Engineering

- WALTER LAWRENCE MODEN, JR., B.S.(Ag.E.), *Genesee*
Major in Agricultural Engineering. *Thesis:* Instrumentation of a Moldboard Plow to Measure the Effect of Crop Rotation of Soil Structure

Master of Science in Metallurgical Engineering

- SEUNG-AM CHO, B.S., *Kyungnam, Korea*
Major in Metallurgical Engineering. *Thesis:* Structural Imperfections in Dendritic and Nondendritic Grains of Polycrystalline Specimens of Aluminum Solidified from the Melt
- DAVID STANLEY DURHAM, B.S.(Met.E.), *Surrey, England*
Major in Metallurgical Engineering. *Thesis:* Freezing Rates of the Binary Eutectic Alloys, Bi-Pb, Bi-Sn, Bi-Cd, and Pb-Sn
- DARYL LESLEE GRAY, B.S., *Richland, Washington*
Major in Metallurgical Engineering. *Thesis:* Annealing of Cold Worked Zirconium
- ROGER HAROLD TODD, Met.E., *Richland, Washington*
Major in Metallurgical Engineering. *Thesis:* Metallographic Study of the Annealing Behavior of Aluminum-Silicon Eutectic Alloy

Master of Science in Mining Engineering

- HUSEYIN BAYTURK, *Zonguldak Tech., Zonguldak Turkey*
Major in Mining. *Thesis:* A Proposed Method for Mining the Cay Coal Seam in Zonguldak, Turkey

Master of Science in Geology

- HENRY THOMPSON HALL, B.S.(Geol.), *Brooklyn, New York*
Major in Geology. *Thesis:* Structural Analysis of a Polymetamorphic Tectonite Along The South Fork of the Clearwater River, Idaho
- JAMES ALLEN HAMILTON, B.S.(Geol.), *Spanaway, Washington*
Major in Geology. *Thesis:* Geology of the Caribou Mountain Area, Bonneville and Caribou Counties, Idaho
- ARTHUR EARL SOREGAROLI, B.S., *Woodward, Iowa*
Major in Geology. *Thesis:* Geology of the McKim Creek Area, Lemhi County, Idaho

Master of Science in Forestry

DAVID LEE ERICKSON, B.S., *Rochester, Minnesota*

Major in Wildlife Management. *Thesis:* Movements and Seasonal Habitat of Ruffed Grouse on The University of Idaho Experimental Forest

EUGENE EDWARD FARMER, B.S.(For.), *Genesee*

Major in Forest Management. *Thesis:* First-Year Establishment of Aerially-Sown Coniferous Tree Seed on a Burned Area in Northern Idaho

JOHN HAROLD HELLE, B.S.(For.), *Lewiston*

Major in Fishery Management. *Thesis:* Characteristics and Structure of Early and Late Spawning Runs of Chum Salmon (*Oncorhynchus Keta*) (Walbaum) in Streams of Prince William Sound, Alaska

EDWARD FREDERICK SCHLATTERER, B.S., *Brooklyn, New York*

Major in Wildlife Management. *Thesis:* Productivity and Movements of a Population of Sage Grouse in Southeastern Idaho

Master of Forestry

DAVID LEWIS ADAMS, B.S., *Enid, Oklahoma*

Major in Forest Management. Minor in Forest Mensuration. Comprehensive Examination.

ALAN BENTLEY FURNISS, B.S.F., *North Vancouver, British Columbia, Canada*

Major in Forest Management. Minor in Business. Comprehensive Examination.

BENGT HALVAR HAMNER, B.S.(For.), *Ellensburg, Washington*

Major in Forest Management. Minor in Range Management. Comprehensive Examination.

JOHN RICHARD HOOK, B.S.(For.), *Quincy, California*

Major in Forest Management. Minor in Business. Comprehensive Examination.

JOHN DENURE HUNT, B.S.(For.), *Redding, California*

Major in Forest Management. Minor in Economics. Comprehensive Examination.

RANDALL LYNN WITTERS, B.S.(For.), *Union City, Indiana*

Major in Forest Management. Minor in Range Management. Comprehensive Examination.

Master of Education

BETH TILLOTSON ATCHISON, B.S.(Ed.), *Pittsburg, California*

Major in Education. Minor in Guidance. Comprehensive Examination.

FRANCIS ACE BALLARD, B.S.(Ed.), *Idaho Falls*

Major in Education. Minor in Administration. Comprehensive Examination.

ROBERT BLAKE BONNETT, B.S.(Ed.), *Boise*

Major in Education. Minor in Guidance. Comprehensive Examination.

RONALD JOHN BOOTHE, A.B., *Coeur d'Alene*

Major in Education. Minor in Administration. Comprehensive Examination.

RONALD WILLIAM BRAUN, B.S.(Ag.), *Moscow*

Major in Education. Minor in Administration. Comprehensive Examination.

GLENN CHARLES BUTLER, B.A., *Coeur d'Alene*

Major in Education. Minor in Administration. Comprehensive Examination.

MARGARET PAULINE SUNDSTAD CHUGG, B.S.(Ed.), *Rupert*

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

DEAN WESLEY CLARK, B.S.(Ed.), *Potlatch*

Major in Education. Minor in Administration. Comprehensive Examination.

RICHARD JOHN CLERY, B.S.(Ed.), *Everett, Massachusetts*

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

WILLIAM BRUCE COLVIN, B.A., B.S.(Ed.), *Moscow*

Major in Education. Minor in Administration. Comprehensive Examination.

- DONALD HUBERT CONLEY, B.A., *Wallace*
Major in Education. Minor in Administration. Comprehensive Examination.
- MARTIN PHELPS CONMY, Ph.B., LL.B., *Grandview, Washington*
Major in Education. Minor in Administration. Comprehensive Examination.
- WAYNE REED CROOK, B.S., *Troy*
Major in Education. Minor in Administration. Comprehensive Examination.
- CHARLES ALFRED DANIELS, B.S.(Ed.), *Bliss*
Major in Education. Minor in Administration. Comprehensive Examination.
- MARVIN RAYMOND DELUGA, B.A., *Euclid, Ohio*
Major in Education. Minor in Administration. Comprehensive Examination.
- RAJINDER KAUR RATHORE DHINDSA, M.Ed., *Punjab, India*
Major in Education. Minor in Guidance. Comprehensive Examination.
- THELMA DRISKILL DURLAND, B.A., *Clarkston, Washington*
Major in Education. Minor in Elementary Education. Comprehensive Examination.
- LARRY LEON ELLIS, B.A., *Nyssa, Oregon*
Major in Education. Minor in Guidance. Comprehensive Examination.
- FRANCIS GARY FARNWORTH, B.S.(Ed.), *Nampa*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- PHILIP ARTHUR FITCH, A.B., *Moscow*
Major in Education. Minor in Administration. Comprehensive Examination.
- HERBERT DONALD FRITZLEY, B.S.(Ed.), *Moscow*
Major in Education. Minor in Administration. Comprehensive Examination.
- JAMES MAITLAND FRITZLEY, B.S.(Ed.), *Moscow*
Major in Education. Minor in Administration. Comprehensive Examination.
- GWEN PRATT VAN ORDEN GREEN, B.S.(Ed.), *Moscow*
Major in Education. Minor in Elementary Education. Comprehensive Examination.
- CLARE ELIZABETH GUERNSEY, B.S.(Ed.), *Boise*
Major in Education. Minor in Guidance. Comprehensive Examination.
- LARRY DEAN HATTEMER, B.S.(Ed.), *Lacrosse, Washington*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- ROY LYLE HAYES, B.S.(Ed.), *Craigmont*
Major in Education. Minor in Administration. Comprehensive Examination.
- MILTON JOHN HENGEL, B.S., *Bonnors Ferry*
Major in Education. Minor in Administration. Comprehensive Examination.
- MARY ANN HOLMES, B.S.(Ed.), *Richland, Washington*
Major in Education. Minor in Guidance. Comprehensive Examination.
- DORIS KATHRYN HOYER, B.S.(Ed.), *Boise*
Major in Education. Minor in Elementary Education. Comprehensive Examination.
- JAMES FRANKLIN HOYLE, B.S., *Meridian*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- ROSIE MARIA GOICOECHEA HOYLE, B.A., *Meridian*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- LEON EDWARD JOHNSON, B.S.(Mus.Ed.), *Arlington, Oregon*
Major in Education. Minor in Guidance. Comprehensive Examination.
- DARRELL LYLE JONES, B.S.(Ed.), *Cambridge*
Major in Education. Minor in Administration. Comprehensive Examination.
- RONALD DUANE JUELL, B.S.(Ed.), *Fargo, North Dakota*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- DONALD EUGENE LEE, B.A.(Ed.), *Potlatch*
Major in Education. Minor in Administration. Comprehensive Examination.
- IREL DON LOWE, B.S., *Fortuna, California*
Major in Education. Minor in Guidance. Comprehensive Examination.

- LESLIE JUNIOR MATTHEWS, JR., B.A., *Kuna*
Major in Education. Minor in Secondary Education. Comprehensive Examination.
- CLARKE EDWARD MITCHELL, B.S.(P.E.), *Moscow*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- JOHN ALVA MORFORD, B.Ed., *Moscow*
Major in Education. Minor in Administration. Comprehensive Examination.
- ALF ROBERT MUSUM, B.E., *Eau Claire, Wisconsin*
Major in Education. Minor in Guidance. Comprehensive Examination.
- RONALD GEORGE OSBORN, B.S.(Ed.), *Moscow*
Major in Education. Minor in Guidance. Comprehensive Examination.
- LEROY DEE OWENS, B.S., *Boise*
Major in Education. Minor in Administration. Comprehensive Examination.
- FRANK EUGENE PARK, B.A.(Sec.Ed.), *Lewiston*
Major in Education. Minor in Administration. Comprehensive Examination.
- WADE NAYLOR PATTERSON, B.S.(Ed.), *Moscow*
Major in Education. Minor in Physical Education and Administration. Comprehensive Examination.
- CHARLES ROSS PLASTINO, B.S.(Bus.), *Sandpoint*
Major in Education. Minor in Guidance. Comprehensive Examination.
- GLENN ROSS POTTER, B.S.(Ed.), *Twin Falls*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- RICHARD RADDE, B.S.(Ed.), *Monterey, California*
Major in Education. Minor in Social Studies. Comprehensive Examination.
- MILDRED ERNESTINE RENNER, B.A.(Ed.), *Lewiston*
Major in Education. Minor in Elementary Education. Comprehensive Examination.
- WILLIAM EUGENE ROY, B.S., *Kalama, Washington*
Major in Education. Minor in Administration. Comprehensive Examination.
- ALLEN JAMES SATHER, B.S.(Ag.), *Genesee*
Major in Education. Minor in Administration. Comprehensive Examination.
- HELEN ANN SHAFF SAUER, B.S.(Ed.), *Rochester, New York*
Major in Education. Minor in History. Comprehensive Examination.
- CATHERINE BELSER SCATES, B.A., *Post Falls*
Major in Education. Minor in Secondary Education. Comprehensive Examination.
- ALFRED JAMES TURNBULL, B.S.(Elem.Ed.), *Silverton, Oregon*
Major in Education. Minor in Guidance. Comprehensive Examination.
- EDWIN EUGENE ULRICH, B.A.(Sec.Ed.), *Lewiston*
Major in Education. Minor in Administration. Comprehensive Examination.
- RALPH HAYES WATSON, B.S.(Ed.), *Paul*
Major in Education. Minor in English. Comprehensive Examination.
- ROGER JAMES WATTS, B.S.(Ed.), *Parma*
Major in Education. Minor in Physical Education. Comprehensive Examination.
- MURIEL JUANITA WESTON, A.B., *Gustine, California*
Major in Education. Minor in Library Science. Comprehensive Examination.
- RAY WILLIS WILKE, B.S.(Ed.), *Bonnors Ferry*
Major in Education. Minor in Administration. Comprehensive Examination.
- HARLAN REX WILLIS, B.A., *Emmett*
Major in Education. Minor in Administration. Comprehensive Examination.

Master of Science in Music Education

THOMAS WARREN FUGATE, B.S., *Hagerstown, Maryland*
Major in Music Education. *Composition: Final for Organ, Op. 21 by Cesar Franck, Transcribed for Band (an arrangement)*

BABRARA MAE CLAUSER WALKER, B.S. (Mus.Ed.), *Payette*
Major in Music. *Thesis: A Survey and Evaluation (Using Established Criteria) of the Instrumental Music Programs in the Public Schools of Idaho*

Master of Music Education

SHIRLEY BRAMMER ALLCOTT, B.S., *Belle Fourche, South Dakota*
Major in Music Education. Minor in Education. Comprehensive Examination.

Master of Business Education

SHELDON HARRIS JONES, B.S., *Lava Hot Springs*
Major in Business Education. Minor in Education. Comprehensive Examination.

Master of Science in Business

BETTY LEE HUTCHISON, B.S. (Bus.), *Cottonwood*
Major in Marketing. *Thesis: Some Specific Aspects of the Los Angeles Apparel Market in Relation to the Buying Function*

VIRGIL EARL SHEPPERD, B.S. (Bus.), *Coeur d'Alene*
Major in Economics. *Thesis: The Price of a Funeral: An Inquiry Into the Economics of Pricing in the Funeral Service Industry*

Master of Natural Science

LOUIS DEAN ALLEN, B.A., *Blackfoot*
Majors in Biological Science and Physical Science. Comprehensive Examination.

FREDERICK LYON BEAN, B.S., *Omaha, Nebraska*
Majors in Physical Science and Biological Science. Comprehensive Examination.

PAUL CARTWRIGHT BRASWELL, B.A., *Seattle, Washington*
Majors in Physical Science and Biological Science. Comprehensive Examination.

ELMER JAMES BURLEIGH, A.B., *Fresno, California*
Majors in Biological Science and Physical Science. Comprehensive Examination.

ARLIN CHESTER DENNIS, B.S. (Ed.), M.S. (Ed.), *Wendell*
Majors in Biological Science and Physical Science. Comprehensive Examination.

BENSON ELLIS, B.S., *Pala Alto, California*
Majors in Biological Science and Physical Science. Comprehensive Examination.

PHILIP ALDEN HEFT, B.A. (Ed.), *Tacoma, Washington*
Majors in Mathematics and Physical Science. Comprehensive Examination.

ALLEN JAMES HOLLENBECK, B.S. (Ed.), *Boise*
Majors in Biological Science and Physical Science. Comprehensive Examination.

CURTISS BARTSHE HUMPHREY, B.S., *Moscow*
Majors in Physical Science and Mathematics. Comprehensive Examination.

JUNE WINIFRED JOHNSON, B.A. (Ed.), *Spokane, Washington*
Majors in Biological Science and Physical Science. Comprehensive Examination.

ROY EUGENE LAWRENCE, B.A., *Glenns Ferry*
Majors in Mathematics and Physical Science. Comprehensive Examination.

KEITH ALVIN MARKUSON, B.S., *Forest Lake, Minnesota* (Posthumously)
Majors in Biological Science and Physical Science. Comprehensive Examination.

JAMES EARL MILLER, A.B., M.A., *Taos, New Mexico*
Majors in Biological Science and Physical Science. Comprehensive Examination.

RAYMOND ADOLPH MOORE, B.S., *Coeur d'Alene*
Majors in Physical Science and Biological Science. Comprehensive Examination.

ROBERT PAUL SCHULTZ, B.S., *Kooskia*
Majors in Biological Science and Physical Science. Comprehensive Examination.

GEORGE ALLISON YOST, B.S., *North Platte, Nebraska*
Majors in Physical Science and Mathematics. Comprehensive Examination.

Professional Degrees

Civil Engineer

JOHN JOSEPH PEEBLES, B.S.(C.E.), *Boise*
Major in Civil Engineering. *Thesis*: Bridge Foundations on Interstate Highways in Idaho

JOHN MARVIN ROSA, B.S.(C.E.), *Moscow*
Major in Civil Engineering. *Thesis*: Characteristics of Snow Storage and Melting

Chemical Engineer

VAUGHN FRANKLIN ANDERSON, B.S.(Ch.E.), *Boise*
Major in Chemical Engineering. *Thesis*: A Tentative Approach to the Establishment of
Engineering Guide Lines in the Design of Treatment Facilities for Wastes
Associated With the Manufacture of Food Products from Potatoes

Commissions

APPOINTED AS SECOND LIEUTENANTS IN THE UNITED STATES ARMY

ANTHONY R. BELLAMY
RICHARD A. FONG
ROBERT L. HANSEN
MARK S. HOLBROOK

JAMES G. JENKS
JOHN A. McFARLAND JR.
NOEL C. RANDALL
WILLIAM M. TILTON

APPOINTED AS SECOND LIEUTENANTS IN THE UNITED STATES ARMY RESERVE

MARLIN L. BECKWITH
THOMAS H. BENJAMIN
LAURENCE D. CHIPMAN
DAVID A. CHRISTY
SCOTT M. CULP
ROBERT A. DAHL
RICHARD G. ERWIN
WALTER J. GARMAN
GENE A. GENTRY
JACK S. GJORDING
DARRELL J. HATFIELD
DELOY G. HENDRICKS
JOHN R. HURTT
LARRY D. HUTTEBALL
JOEL M. KOONCE

JOHN P. KOWZAN
NEIL E. LETTNER
JOHN MAGEL
JOHN S. MARTIN
EARL C. PFEIFFER
ROBERT N. ROWLAND
ROBERT J. SHAWEN
FRANK R. SLAVIK
WELDON R. TOVEY
LEROY R. TRUPP
THERON W. WARD
DWAYNE G. WESTFALL
ROBERT L. WILLIAMSON
GEORGE A. WILLMORE

COMMISSIONED AS ENSIGNS IN THE UNITED STATES NAVY

JOHN T. BAKER
GARY L. BARR
CHARLES F. BIGSBY
JAMES C. CHILD
*JOHN G. FABIE
MELVILLE P. HUGHES, II
STANTON B. LAMB
DONALD L. MARTINSON

RODERICK L. MAYER
JAMES E. NEIBAUER
ROSS W. PETERSON
*ALLEN B. ROGERS
*GEORGE R. SYRING
*ROBERT G. SYRING
*DAVID R. WYATT

COMMISSIONED AS SECOND LIEUTENANTS IN THE
UNITED STATES MARINE CORPS

HAROLD T. BARRACLOUGH
WAYNE A. DAVENPORT

RONALD E. PETTIS

TO BE COMMISSIONED AS A SECOND LIEUTENANT IN THE UNITED STATES
MARINE CORPS IN SEPTEMBER

WILLIAM R. GREENWOOD

COMMISSIONED AS ENSIGNS IN THE UNITED STATES NAVAL RESERVE

ROBERT E. BADGER
*WILLIAM E. COSTELLO
ROGER W. JOHNSON
*HAROLD K. REGNIER, JR.

ANDREW F. ROBINSON, JR.
LYLE B. SASSER
RAY C. SHUBERT
JOHN S. SIMKO

COMMISSIONED AS SECOND LIEUTENANT IN THE
UNITED STATES MARINE CORPS RESERVE

STANLEY S. MAKOWSKI

TO BE COMMISSIONED ENSIGN IN THE UNITED STATES NAVY
UPON COMPLETION OF SUMMER TRAINING

ROBERT W. BARRETT

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

JOHN T. BAGGS, JR.
LEONARD L. CLARK
JAY L. DEPEW
DARRYL J. DORATHY
RALPH L. ELROD
WILLIAM H. EMMINGHAM
WARREN S. HOLLENBECK
JIMMY D. HOLMES

†LAMONTE M. KAHLER
HOWARD T. LACEY
JAMES W. LUNTE
CLINTON R. McDONALD
DAVID C. PIERCE
RICHARD A. RENE
WILLIAM O. SCHOLES
ROBERT E. WEST

TO BE COMMISSIONED AS SECOND LIEUTENANT IN THE
UNITED STATES AIR FORCE UPON COMPLETION
OF SUMMER TRAINING

MARSHALL J. MCFARLAND

*Commissioned in February, 1961

†Commissioned in April, 1961

Citation of Merit Upon Retirement

JOHN H. CUSHMAN
Professor and Chairman of English

ELMER LEONARD HALLAND
Instructor, Physics and Technician

Honorary Degrees

Doctor of Science

H. SHULL ARMS, *Rugby, England*

Doctor of Laws

A. D. DAVIS, *Jacksonville, Florida*

Special Awards to Graduating Seniors

AIR FORCE ASSOCIATION AWARD—Cadet Col. Leonard LaVern Clark, New Meadows, 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.

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 1961 this award has gone to Beverly Ruth Paul, Caldwell.

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: James P. Meckel, Moscow, and James G. Storms, Plummer.

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 1961 was Jay V. Anderson, Moscow. Lynn S. Bell, Twin Falls, was a winner in the AIEE Ninth District prize paper contest.

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 1961 was Cadet Lt. Col. James S. Jenks, Moscow.

AMERICAN LEGION DUDLEY LOOMIS POST AWARD—The Dudley Loomis Post No. 6 gives an annual award of a complete set of insignia to the naval ROTC graduate who, during his previous summer cruise, achieved the highest aptitude mark for military service. The 1961 recipient of this award was Midshipman Melville P. Hughes, II, Clear Lake, Iowa.

AMERICAN LEGION DUDLEY LOOMIS POST INSIGNIA SET—Cadet Lt. Col. Clinton Robert McDonald, Idaho Falls, has been awarded the American Legion Dudley Loomis Post Insignia Set as an outstanding Air Science 4 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 1961 was Del Eaton, Palo Alto, California. The Columbia Section made an award for outstanding contributions to the Idaho student chapter to Lynn A. Kerby, Payette.

AMERICAN SOCIETY FOR TESTING MATERIALS—This society awarded complimentary student memberships for the 1960-61 academic year to five engineering students. They were: James H. Boyd, Moscow; Paul B. Gattey, Moscow; Robert L. Hansen, Lewiston; George B. Irving, Bonners Ferry; and James G. Storms, Plummer.

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION AWARD—Cadet Lt. Col. Richard Allen Rene, Twin Falls, has been awarded the 1961 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 1961 was Cadet Capt. Frank R. Slavik, Pocatello.

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 1961 was Cadet Lt. Col. Wade G. Wells, Boise.

ATTIC CLUB ART PRIZES—The Attic Club, an organization of Art and Architecture 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. The two seniors winning this award for 1961 were: Larry Ferguson, Lewiston, and Diane Magel, Boise.

BOYER PLAQUE—Mrs. Katy Rae 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. Mitzi Switzer Marnoch, Moscow, was the winner of this honor for 1961.

CONVAIR AWARD—The Convair Division of General Dynamics Corporation has created an annual award for scholarship and interest in aviation to be awarded to a Naval ROTC graduate. The award consists of a plaque and a certificate of merit. The 1961 recipient of this award was Midshipman John T. Baker, Logansport, Indiana.

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 1961 recipient of this award was Midshipman Harold T. Barraclough, Boise.

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 1961 were: Cadet Col. Leonard LaVern Clark, New Meadows; Cadet Lt. Col. Clinton Robert McDonald, Idaho Falls; Cadet Lt. Col. James William Lunte, Buhl.

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 Randall G. Litton, St. Anthony.

ANNA H. HAYES MEMORIAL AWARD—The Idaho Congress of Parents and Teachers makes an annual cash award to an outstanding graduating senior in Education in one of the state's higher educational institutions. The winner of a \$35 award this year was Connie Block Allen, Jerome.

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 is made annually to an outstanding mechanical engineering student. Winner of the 1961 award was Gary J. Dau, Reubens.

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 Ella Lee McPherson Nelson, Moscow, and Georgia Sabin Finch, Coeur d'Alene.

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 1961 has gone to Nellie Beatrice Ulrich Simmons, Lewiston.

IDAHO PRESS WOMEN'S ASSOCIATION AWARD—Nancy Grange Jones, Arco, has been awarded the Idaho Press Women's Association award as the outstanding woman graduate in Journalism in the State of Idaho for 1961. The award consists of a pin and membership in the Idaho Press Women's Association.

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 1961, this award has been made to Rex Lee Dorman, Moscow.

IDAHO SOCIETY OF PROFESSIONAL ENGINEERS—The Idaho Society of Professional Engineers is inaugurating this year an award to the outstanding engineering graduate. The award will consist of a plaque with the names of the winners each year inscribed on it; in addition, each winner will receive a smaller plaque with his name engraved on it. The first winner of this award for 1961 is Gene A. Lawrence, Lewiston. Recognition, in the form of honorable mention, goes to George B. Irving, Bonners Ferry; James S. Jenks, Moscow; Walter V. Jones, Moscow; Gary J. Dau, Reubens; and James G. Storms, Plummer.

IDAHOIAN ATHLETIC MERIT AWARD—The Daily Idahoian 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 1961 was Dale F. James, Pendleton, Oregon.

INDUSTRIAL PRESS AWARD—The publishers of Machinery Magazine award annually a copy of Machinery's Handbook to the outstanding senior in machine design. The award this year went to Gene K. Baxter, Meridian.

INSTITUTE OF RADIO ENGINEERS AWARD—The Institute of Radio Engineers awards a certificate of recognition to the graduating senior who makes the most outstanding contributions to the student branch of the Institute. The winner of this award for 1961 was William Steve Barak, Jr., Moscow.

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 1961 senior receiving the above award was Craig Charles Kosonen, Coeur d'Alene.

MERCK CHEMICAL COMPANY AWARD—A copy of the "Merck Index of Chemicals and Drugs" was awarded to Thora J. Runyon, Moscow, for being the outstanding senior chemistry major.

MOSCOW NAVAL RESERVE COMPANY AWARD—The Moscow Naval Reserve Company No. 13-37 has created an annual award to be presented to the outstanding Contract Naval ROTC graduate. 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 1961 recipient of this award was Midshipman Andrew F. Robinson, Weiser.

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 1961, William Heber Emmingham, Kellogg, 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 Orvil Delore Atkinson, St. Anthony.

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 1961, Parker Glenn Woodall (graduating senior), Sweet, and Earl Raymond McKie (graduate), Blackfoot, were selected for these awards.

ROA AWARD—The Reserve Officers' Association of the State of Idaho has created an annual award to be presented to an outstanding Naval ROTC graduate who has attained the highest scholastic average in his Naval Science subjects. The award consists of a medal and a certificate of merit. The 1961 senior to receive this award was Midshipman Harold T. Barraclough, Boise.

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 1961 this award has gone to Myrna Rae Inghram, Grangeville.

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. For 1961 the recipient of this certificate was Neil Elton Leitner, 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 1961 was Louis Lee Townsend, Moscow.

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 William R. Greenwood, Pleasant Valley, Iowa.

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 University and Gonzaga University. Gene K. Baxter, Meridian, won the first prize award in 1961 and James C. Child, Omaha, Nebraska, won second prize in 1960.

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 1961 was Cadet Col. John A. McFarland, Coeur d'Alene.

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 1961 this award has been made to Donald Louis Duncan, Payette.

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 1961 was James S. Jenks, Moscow.

U.B.E.A. PROFESSIONAL AWARD — The United Business Education Association offers an Award of Merit for Outstanding Achievement in Business Education. The award winner is determined by vote of the seniors majoring in business teacher education. The 1961 award was won by Elizabeth Jane Taylor, Moscow.

UNIVERSITY OF IDAHO DISTINGUISHED MILITARY AWARD — Cadet David Charles Pierce, Buhl, has been awarded the 1961 University of Idaho Distinguished Military Award for outstanding leadership and scholastic achievement.

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 1961, the recipient was Bruce J. McCowan, Moscow.

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 1961, Dan Thomas Pence, Mackay, 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.

THE AMALGAMATED SUGAR COMPANY—This company presented a gift of 20 tons of beet pulp valued at \$76.68 to the Caldwell Branch Experiment Station for use in concentrate feeding experiments with beef cattle.

AMERICAN CYANAMID COMPANY—A grant of \$1,500 was made to the Department of Veterinary Science by the American Cyanamid Company for research on vibriosis. The company also made a substantial donation of antibiotics and drugs for vibriosis research.

AMERICAN INSTITUTE OF ARCHITECTS—The American Institute of Architects provided \$142.45 to defray expenses of Gordon K. Walker, Sandpoint, to attend a meeting in Washington, D.C., of students representing Schools of Architecture.

AMERICAN SOCIETY FOR METALS—The Inland Empire Chapter of the American Society for Metals awarded \$50 to one or more students majoring in Metallurgical Engineering.

AMERICAN SOCIETY OF TOOL AND MANUFACTURING ENGINEERS—The American Society of Tool and Manufacturing Engineers presented four volumes containing a complete collection of all research reports produced by the society. The volumes contain 28 reports.

ANONYMOUS DONOR—A University of Idaho alumnus who attended Moscow High School provided \$50 to be used to financially assist a deserving graduate of Moscow High School.

JOHN H. BENGTON—John H. Bengtson, Lewiston, presented volumes of 1909, 1927, 1933, 1935, and 1937 Session Laws of Idaho to the University Law Library.

BOEING AIRPLANE COMPANY—A scholarship grant of \$1,000 was established for junior and senior engineering, mathematics and chemistry students by the Boeing Airplane Company, Seattle, Wash. An airborne radar set was presented to the Electrical Engineering Department by the company's Kansas City plant.

BLUE MOUNTAIN VISUAL AIDS COMPANY—This LaGrande, Oregon company presented a portable combination bulletin and chalk board to the Department of Education.

FRANK O. BROCKE—Frank O. Brocke, Troy, presented \$50 as an addition to the Lambda Chi Alpha Leadership Award.

BRIGGS AND STRATTON CORPORATION—The Briggs and Stratton Corporation, Milwaukee, Wisc., presented a single-cylinder engine to the University Agricultural Engineering Department.

CACHE VALLEY BREEDING ASSOCIATION—This Logan, Utah, association presented a grant of \$150 to the Department of Dairy Science to assist with travel expenses of the Dairy Judging Teams.

CALIFORNIA-PACIFIC UTILITIES COMPANY—A contribution of \$92 was received from this San Francisco company for Idaho Farm electrification activities for 1961.

GEORGE F. CARLSTROM—George F. Carlstrom, Boise, presented the University Library with two volumes of the Atlas that accompanies the official Records of the War of the Rebellion.

RALPH J. COMSTOCK—Eight books were presented to the College of Business by Ralph J. Comstock, president of First Security Bank of Idaho, Boise, for reference in the University Library.

CERRO DE PASCO CORPORATION—The Cerro de Pasco Corporation, New York, presented \$1,000 to the College of Mines.

CHEMAGRO CORPORATION—The Chemagro Corporation of Kansas City, Mo., donated systemic insecticide to the Department of Veterinary Science for studies of animal parasite control measures valued at approximately \$100.

CHEMICAL RUBBER Co.—Four Handbooks of Chemistry and Physics were given for awards to the outstanding students in chemistry and physics sections.

W. C. CHENEY—W. C. Cheney, Seattle, Wash., presented the University with recordings of radio broadcasts, periodicals, catalogs and other material representative of American life and times throughout the current century. The historic material has been placed in sealed barrels and will be stored at the University until the year 2010 so that it may be intact for study of the past.

ROBERT B. CROUCH—Robert B. Crouch, Los Gatos, Calif., presented \$25 to the Alumni Fund to be matched by the International Business Machines Foundation.

CULLER, GALE, MARTELL, ARCHITECTS, AND NORRIE AND DAVIS, ENGINEERS—The Department of Architecture received \$50 from the Coeur d'Alene architecture and engineering firm for student prizes.

MRS. LUCY MIX DAY—Mrs. Lucy M. Day presented to the University Library Idaho documents, manuscripts, pamphlets, U.S. Government documents, 268 books (including some rare volumes), and an October 1884 issue of Century Magazine from the famed Jerome J. Day library.

DELTA GAMMA MOTHER'S CLUB—A contribution to the University Blind Fund sponsored by the Delta Gamma sorority by the Delta Gamma Mother's Club.

ALVIN DENMAN—Session Laws of Idaho for 1911, 1915 and 1939 were presented to the University Law Library by Alvin Denman, Idaho Falls attorney.

DOW CHEMICAL CORPORATION—The Dow Chemical Corporation, Midland, Mich., donated a quantity of Ruelene insecticide to Extension Entomology for use in demonstrating the effectiveness of this chemical in the control of cattle grubs. A donation of systemic insecticide valued at approximately \$100 was also made to the Department of Veterinary Science for studies of animal parasite control measures.

DROPPING, KELLEY AND FINCH, ARCHITECTS—The architecture firm of Dropping, Kelley and Finch, Boise, presented \$200 to aid a worthy student in completing his education.

JOHN L. EDWARDS—John L. Edwards, Fairfield, presented Session Laws of Idaho for 1911, 1917, 1919, 1939, 1941 and 1943 to the University Law Library.

DR. JOHN ERLICH—Dr. Erlich presented the College of Forestry with several books and periodicals of Forest Pathology and an extensive herbarium of Forest Pathological materials.

EDWARD L. ERNSBERGER—Edward L. Ernsberger, Bethesda, Md., presented a Washington Printing Press to the University to be displayed as a museum piece and \$165.99 to cover transportation to the campus.

ETHYL CORPORATION—A 1958 DeSoto automotive engine, valued at \$375, was presented by the Ethyl Corporation to the Mechanical Engineering Department.

THOMAS W. FEENEY—Thomas W. Feeney, Lewiston, presented 9 volumes of Nichols Cyclopedia of Legal Forms, 175 volumes of the Pacific Reporter, and 8 volumes of the Martindale-Hubbell Legal Directory for 1958 and 1959 to the University Law Library.

FIRST SECURITY FOUNDATION—The First Security Foundation presented \$200 to the College of Business for Library purposes.

MISS MILDRED FRENCH—The Home Economics Department received a gift book, "Ellen H. Richards, Pioneer in Conservation," by Caroline L. Hunt, from Miss Mildred French, Cheney, Wash. The book was published in 1912.

GENERAL ELECTRIC COMPANY—General Electric Company presented three Tektronix oscilloscopes, one Waterman oscilloscope, two Hewlett-Packard oscillators, one Hewlett-Packard Pulse generator, and one Hewlett-Packard microwave test set to the Electrical Engineering Department. The equipment is valued at approximately \$2,000.

GENERAL ELECTRIC CORPORATE ALUMNUS FUND—The following University of Idaho alumni made gifts to the University under the employee matching program of the General Electric Corporate Alumnus Fund: Joseph H. Greer presented \$50 to the Electrical Engineering Department; Hugh C. Carroll presented \$100; E. J. Airola gave \$25; Adam W. Czehatowski contributed \$25; and Keith K. Dedrick presented \$10 to the University. General Electric Foundation presented matching contributions.

WILLIAM G. GNAEDINGER—William G. Gnaedinger, Pullman, Wash., presented \$10.29 to the Lambda Chi Alpha Leadership Award Fund.

EDWIN J. GOWANLOCK—A copy of Moddy's Dividend Record for 1960 was presented to the University Business Office by Edwin J. Gowanlock, Spokane. He also provided the Business Office with a subscription to the Wiesenberger Investment Report.

GORDON W. HAUCK—Gordon W. Hauck, Portland, Ore., presented \$54.19 to the Lambda Chi Alpha Leadership Award Fund.

KENNETH HENSLEY—Kenneth Hensley, Lewiston, presented \$10.29 as an addition to the Lambda Chi Alpha Leadership Award Fund.

HESS AND CLARK DIVISION OF VICK CHEMICAL COMPANY—A \$4,000 grant to the Department of Veterinary Science for vibriosis research plus antibiotics and drugs was made by this company.

JAMES ELI HUFF—James Eli Huff, Midland, Mich., presented \$10 to the University Alumni Fund, matched by Dow Chemical Company.

WILLIAM P. HUGHES—Mr. Hughes, for many years city engineer of Lewiston, donated a number of engineering books to the College of Engineering.

HUMMEL, HUMMEL AND JONES—Frank K. Hummel, Boise, of Hummel, Hummel and Jones, Architects, presented a \$100 prize to the University for a Junior Class Design Problem in Architecture.

IDAHO CANDY COMPANY—A \$100 purchase of periodicals and journals in the field of Economics and Business was made by the Idaho Candy Company, Boise, for the College of Business Administration.

IDAHO CATTLE FEEDERS' ASSOCIATION—The Idaho Cattle Feeders' Association, Caldwell, presented a grant to the Department of Animal Husbandry of approximately \$700 for labor and materials for support of cooperative cattle feeding trials at the Caldwell Branch Experiment Station.

IDAHO COOPERATIVE COUNCIL—The Idaho Cooperative Council gave \$1,400 for 4-H awards and transportation to sessions of the American Institute of Cooperation.

IDAHO DEPARTMENT OF HIGHWAYS—The Idaho Department of Highways provided planning and design reports to the College of Engineering for student use.

IDAHO HOP GROWERS ASSOCIATION—Grants to the Department of Plant Pathology amounting to \$5,000 for conducting research on hops and to purchase specialized equipment for the study of Downy mildew disease of hops were made by this association.

IDAHO MINING MEMORIAL—Donors to the Idaho Mining Memorial Scholarship fund have provided a total of \$830 in memory of the late John D. Bradley, President of the Bunker Hill Company.

IDAHO POTATO AND ONION COMMISSION AND IDAHO POTATO PRODUCERS' ASSOCIATION—These groups provided a grant of \$5,000 for support of an Extension Potato Marketing Specialist and \$17,000 for support of two Agricultural Extension Agents devoting full time to extension potato programs. A grant of \$7,000 was given to the Department of Horticulture for research on storage losses and mechanical damage to potatoes, and a \$2,240 grant for research to the Department of Agricultural Economics for a study of the cost of producing potatoes in South Central Idaho.

IDAHO POWER COMPANY—The Idaho Power Company, Boise, presented \$7,141.50 to the University to aid the 1961 activities of the Idaho Farm Electrification Committee.

IDAHO PRUNE COMMISSION—A \$2,000 grant for research on marketing of Idaho prunes was made to the Department of Agricultural Economics.

IDAHO-WASHINGTON PEA APHID CONTROL LEAGUE—This league made a grant of \$300 for research in the Department of Entomology on the life history and other factors relating to a wasp which is a predator on the pea aphid.

IDAHO WHEAT COMMISSION—This commission provided a grant of \$34,000 to the Department of Agricultural Chemistry for establishment of a wheat quality laboratory at the Aberdeen Branch Experiment Station. Grants to the Departments of Agronomy and Plant Pathology were made amounting to \$35,800 for support of wheat quality research at Aberdeen and support of wheat breeding programs at both Moscow and Aberdeen. The commission also provided a grant of \$5,400 to Agricultural Economics for research in two phases of wheat study: (1) export disposal program and (2) wheat for livestock feed.

E. J. AND MAUD R. IDDINGS FELLOWSHIP GRANT—Mrs. E. J. Iddings, San Jacinto, Calif., presented \$1,000 for the Iddings Research Fellowship in Agriculture for the 1960-61 school year.

INTERNATIONAL HARVESTER COMPANY—The International Harvester Company, Spokane, Wash., presented a C-123 gasoline engine to the Agricultural Engineering Department for educational purposes.

MR. AND MRS. TALBOT JENNINGS—A gift of 114 books and 16 television scripts were presented to the University Library by Mr. and Mrs. Talbot Jennings, Los Angeles, Calif.

MRS. KENDRICK JOHNSON AND MRS. CHARLES DETOY—Mrs. Kendrick Johnson Reno, Nevada, and Mrs. Charles Detoy, Pasadena, Calif., presented 104 volumes of Idaho Reports, Idaho Session Laws, Revised Statutes of Idaho Territory, 1887, and Idaho Compiled Statutes of 1919 to the University Law Library.

JAMES V. JORDON—Eight books were presented to the University Library by former faculty member James V. Jordan, Sidney, New South Wales, Australia.

KAISER ALUMINUM AND CHEMICAL CORPORATION—The Kaiser Aluminum and Chemical Corporation presented a grant of \$2,380 to the University for a graduate student in Electrical Engineering.

KENNEDY FORD GRANGE, No. 177—The Kennedy Ford Grange, No. 177, presented \$50 to the University as tuition credit for James LeRoy Anderson of Princeton.

LAWYERS TITLE FOUNDATION—An annual prize of \$100 for the graduating senior most proficient in Real Property Law was presented by the Lawyers Title Foundation.

CITY OF LEWISTON—A. M. Quane, city comptroller of the City of Lewiston, on behalf of the Mayor and Council of the city, presented a bound volume of the Code of the City of Lewiston to the University Law Library.

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 year.

MALTING BARLEY IMPROVEMENT ASSOCIATION—This association provided \$2,500 for the continuation of a research fellowship in breeding of malting barley.

MCARDLE, HARRINGTON AND McLAUGHLIN—McArdle, Harrington and McLaughlin, Pittsburgh, presented a five volume transcript of testimony in a lung cancer case to the University Law Library. The gift was valued at \$250.

MCGRAW-HILL PUBLISHING COMPANY, INC.—McGraw-Hill Publishing Company, Incorporated, presented \$5 to the University to match a gift by Abraham Erlick.

RAYMOND C. McNICHOLS—Raymond C. McNichols, Orofino, presented 1931, 1939 and 1943 Session Laws to the University Law Library.

MRS. GALE MIX—Mrs. Gale Mix and her mother, Mrs. Lillian McCoy Brower and her brother, Eugene W. Brower presented many items of antique clothing to the University. Mrs. Mix also presented 19 textbooks covering the period of the 1860's to the University Library.

NAUGATUCK CHEMICAL COMPANY—This company gave a grant of \$1,500 to the Department of Horticulture for research on the Use of Maleic Hydrazide for sprout inhibition in potatoes.

NORTH IDAHO PRESS—William I. Grant of the North Idaho Press, Wallace, provided old files of the Wallace Press Times for the University Library.

PACIFIC POWER AND LIGHT COMPANY—Pacific Power and Light Company contributed \$161 to Agricultural Engineering in support of the Farm Electrification Program.

CHAS. PFIZER COMPANY—This Terre Haute, Indiana, company donated approximately \$100 in vitamin supplements for use in nutritional research to the Department of Poultry Husbandry.

PFIZER LABORATORIES OF CHARLES PFIZER AND COMPANY—This Brooklyn, N.Y. company contributed approximately \$150 of antibiotic preparations for research in sheep diseases to the Department of veterinary science.

PHELPS DODGE FOUNDATION—Phelps Dodge Foundation, New York, presented \$20 to the Geology Department to match a gift to the University from Vance N. Bacon, Morenci, Arizona.

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 New Augusta, Indiana company provided a grant of hormones amounting to \$700 supplied to the Department of Dairy Science to assist in studying reproductive failures in dairy cattle.

POTLATCH FORESTS, INC.—A \$2,100 grant was made by Potlatch Forests, Inc., of Lewiston for a graduate student in chemical engineering. The Electrical Engineering Department received a box of recorder paper for a brush recorder valued at \$40.

KENNETH PRIMUS MEMORIAL—Donors to the Kenneth Primus Memorial Scholarship fund have donated more than \$905 in memory of the late Genesee Superintendent of schools.

NELS T. SAHL—Nels T. Sahl, St. Anthony, presented 14 volumes of Session Laws of Idaho to the University Law Library.

EARLE SAMPLE—Earle Sample, publisher of the Payette Independent-Enterprise, presented to the Journalism Reference Collection a copy of Hammond's Ambassador World Atlas for use in the teaching of reporting, editing and other courses.

WELDON L. SCHIMKE—Weldon L. Schimke, Moscow attorney, presented a 1959 four-volume set of Martindale-Hubbell to the University Law Library.

SHARP AND DOHME DIVISION OF MERCK AND COMPANY, INC.—The Sharp and Dohme division of Merck and Company, Inc., Philadelphia, Pa., made a donation of approximately \$500 in drugs for studies in vibriosis in sheep to the Veterinary Science Department.

SHELL CHEMICAL COMPANY—A grant of \$500 for research in the Entomology Department on the chemical control of the Western Potato Flea Beetle was made by the Shell Chemical Company.

MRS. ALBERT W. SLIPP—Mrs. Slipp presented the College of Forestry with the late Professor Slipp's library of Forest Pathology and a herbarium of fungus materials.

SQUIBB INSTITUTE FOR MEDICAL RESEARCH—This New Brunswick, N. J. institute presented a grant of hormones to the Department of Dairy Science amounting to \$500, supplied as needed to assist in the study of reproductive failure in dairy cattle.

STERWIN CHEMICALS, INC.—Sterwin Chemicals, Inc. made a \$1,000 grant to the Horticulture Department for research in the use of Fusarex as a sprout inhibitor for potatoes in storage.

HAROLD W. SULLIVAN—The University Law Library received a copy of the book, "Trial by Newspaper" from author Harold W. Sullivan, Hyannis, Mass.

TEXTBOOK PUBLISHERS—During the past year the various publishing companies have donated more than 600 textbooks and supplementary books to the College of Education Workshop. These books were all in the area of the Language Arts. During the past five years, these companies have donated approximately 3,000 books covering all the major areas taught in the public schools.

UNION PACIFIC RAILROAD FOUNDATION—The Union Pacific Railroad Foundation presented \$10,000 to the College of Mines for equipment and laboratory facilities in the new College of Mines Building. Also, a fellowship grant totaling \$500 was made to Neil Lydum, Blackfoot, by Union Pacific Railroad Company, Omaha, Neb., for the study of potato diseases. The company also presented a grant of \$500 to supplement previous funds for the continuation of a research graduate fellowship in the Department of Plant Pathology for research on potato diseases.

THE UPJOHN COMPANY—The Upjohn Company of Kalamazoo, Mich., donated approximately \$150 in drugs and antibiotics to the Veterinary Science Department for research on sheep diseases.

UTAH POWER AND LIGHT COMPANY—The Utah Power and Light Company, Rexburg, presented \$1,190.25 to the University to aid the 1961 activities of the Idaho Farm Electrification Committee.

WASHINGTON WATER POWER COMPANY—The Washington Water Power Company, Spokane, Wash., contributed \$3,732.75 to aid the 1961 activities of the Idaho Farm Electrification Committee; \$1,000 to the College of Engineering for the telemetering hydrologic data program, and equipment to be used for heat pump research, Special Research Project No. 71, by the Mechanical Engineering Department.

WESTERN ELECTRIC COMPANY—Several items of used and new equipment were donated to the College of Engineering by this company.

Grateful acknowledgement is made to the following agencies of the Federal Government for their grants and contracts in support of the Teaching, Research and Service programs of the University of Idaho during 1960-61. These agencies include the Atomic Energy Commission, Agricultural Research Service, Bureau of Indian Affairs, Bureau of Land Management, Bureau of Reclamation, National Institutes of Health, National Science Foundation, National Park Service, Small Business Administration, U.S. Forest Service, and the U.S. Office of Education.

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