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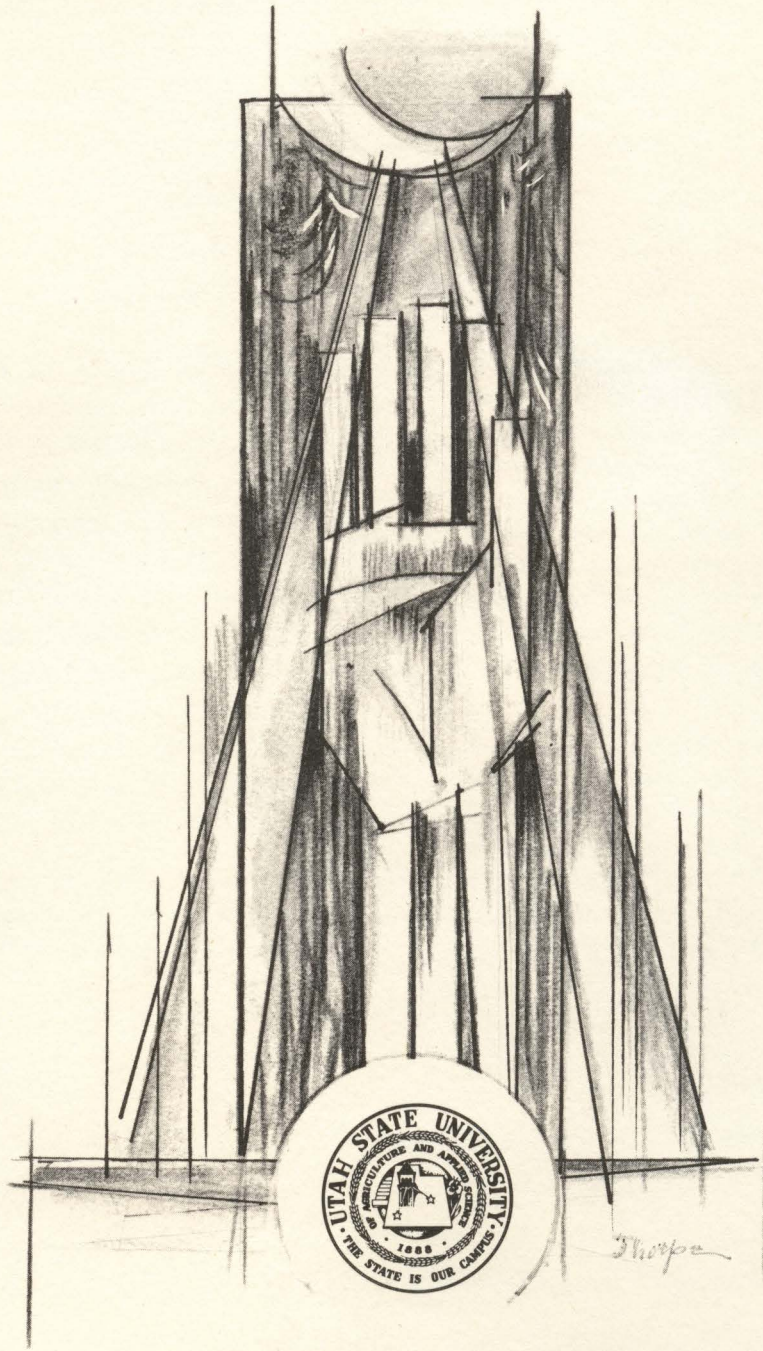
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Sixty-Sixth
Annual Commencement
Utah State University
of Agriculture and Applied Science



GEORGE NELSON FIELDHOUSE
FRIDAY, JUNE FIFTH
SATURDAY, JUNE SIXTH
NINETEEN HUNDRED FIFTY-NINE

THE ACADEMIC PROCESSION

- President and Board of Trustees
- Official Guests
- University Administrative Officers
- Valedictorians and Student Body Officers
- Faculties of the Various Colleges
- Candidates for Baccalaureate Degrees
- Candidates for Graduate Degrees

DRESS

The wearing of academic costume by faculty and student participants at this time of Commencement Exercises has become traditional among universities. The color and pageantry of these occasions are designed to indicate the degree of academic achievement by those who are actively concerned with such exercises. In order for the audience to better appreciate and understand the significance attached to these ceremonial aspects of the program, the following information is presented.

The significance of the costume is determined principally by the cut of the gown, the size and shape of the hood, and the color of the tassels on the cap. The BACHELOR'S gown is characterized by the long pointed sleeves. Gowns worn by the MASTER'S have closed sleeves with the arc of a circle near the bottom. The arm extends

through the slit, giving the appearance of short sleeves. The hood consists of material similar to the gown and lined with the official academic color of the institution conferring the degree. If the institution has more than one color, the chevron is used to display the second color. The DOCTOR'S gown has full, round and open sleeves with three bars of velvet on each sleeve. The velvet facing of the bars may be black or the color indicative of the degree. The hood consists of a larger and longer assemblage of institutional color draped over the recipient's shoulders and falling well down the back.

The colors worn on the tassels signify the various colleges of the university from which a candidate is being graduated.

AGRICULTURE	<i>Drab</i>
BUSINESS AND SOCIAL SCIENCE	<i>Maise</i>
EDUCATION	<i>Light Blue</i>
ENGINEERING	<i>Orange</i>
FOREST, RANGE and WILDLIFE MANAGEMENT	<i>Russet</i>
FAMILY LIFE	<i>Gold-Yellow</i>
UNIVERSITY COLLEGE	<i>Dark Crimson</i>
SCHOOL of GRADUATE STUDIES (Ed. D, Ph. D.)	<i>Gold</i>

THE BOARD OF TRUSTEES

The Board of Trustees is composed of twelve citizens of the State appointed by the Governor for a term of four years and two ex-officio members, the Secretary of State and the President of the Utah State University Alumni Association.

In Order of Appointment

Alma Sonne, Chairman	<i>Logan</i>
Fern B. Ercanbrack, Vice chairman	<i>Provo</i>
Newell V. Sanders	<i>Kaysville</i>
R. J. Potter	<i>Garland</i>
Eve S. Ashton	<i>Vernal</i>
L. Glenn Garrett	<i>Ogden</i>
Henry R. Hurren	<i>Logan</i>
Ralph S. Blackham	<i>Moroni</i>
David W. Evans	<i>Salt Lake City</i>
Joseph Rosenblatt	<i>Salt Lake City</i>
Phillip A. Bullen	<i>Salt Lake City</i>
Reed W. Farnsworth	<i>Cedar City</i>
Lamont F. Toronto, Secretary of State	<i>Salt Lake City (ex-officio)</i>
Wesley D. Soulier, President, Alumni Association ..	<i>Salt Lake City (ex-officio)</i>

BACCALAUREATE SERVICES

Friday evening, June fifth

7:30 p.m.

PRESIDENT DARYL CHASE, Conducting

PROCESSIONAL

Overture to Die Meistersingers Wagner
University-Community Symphony Orchestra — Andrew Galos, *Director*

INVOCATION

The Reverend Miner E. Bruner
First Presbyterian Church, Logan

MUSICAL SELECTIONS

For He Shall Give His Angels Mendelssohn
Gloria in Excelcisi Deo Jean Berger
Madrigal Singers — A. L. Dittmer, *Director*

SERMON

Elder Alma Sonne
Assistant to the Council of Twelve Apostles, Church of Jesus Christ of
Latter Day Saints

MUSICAL SELECTIONS

Farandole G. Bizet
University-Community Symphony Orchestra — Andrew Galos, *Director*

ALMA MATER HYMN Candidates for Graduation
Composed by Theodore M. Burton — Arranged by Andrew Galos

BENEDICTION

Bishop Derle Thorpe
Church of Jesus Christ of Latter Day Saints, Sixth Ward, Logan

RECESSIONAL

Grand March from *Aida* Verdi
University-Community Symphony Orchestra — Andrew Galos, *Director*

GRADUATION EXERCISES

Saturday morning, June sixth

9:30 a.m.

PRESIDENT DARYL CHASE, Conducting

PROCESSIONAL

Marche Moderne A. L. Phillips
University Concert Band — Max Dalby, *Director*

INVOCATION

President W. Loyal Hall, Mount Logan Stake
Church of Jesus Christ of Latter Day Saints, Logan

REPORT OF PRESIDENT Dr. Daryl Chase

MUSICAL SELECTION

Behold, God the Lord Mendelssohn
University Choir — A. L. Dittmer, *Director*

ADDRESS TO GRADUATES

Mr. William E. Warne
Director, Department of Fish and Game, State of California
Former Coordinator ICA Programs Korea, Iran and Brazil

MUSICAL SELECTION

Cathedral Chorus Alfred Reed
University Concert Band — Max Dalby, *Director*

CONFERRING OF DEGREES

Dr. Daryl Chase
President, Utah State University

WELCOME TO THE ALUMNI ASSOCIATION

Mr. Wesley D. Soulier
President, USU Alumni Association

MUSICAL SELECTION

Battle Hymn of the Republic Arranged by Wilhousky
University Concert Band and Choir — A. L. Dittmer, *Director*

BENEDICTION

Dr. W. W. Richards
Director, L. D. S. Institute of Religion, Logan

RECESSIONAL

Procession of the Nobles Rimsky - Korsakov
University Concert Band — Max Dalby, *Director*

BACHELOR OF SCIENCE IN AGRICULTURE

Allred, John Glade	Dinsdale, Garry	Kent, Dexter Dean	Sharp, Norman Kenneth
Askman, Billy Dean	Drake, Gordon Eugene	*Lamb, Frank Earl, Jr.	Shendi Kamil Abdul-Karim
Bair, Francis Leon	Erickson, Clarence Valdee	Memcott, Duane Preston	Sorenson, Gary Maurice
Barnard, Jerald R.	Sahibkran Abdul Kadir Noori	Miller, Donald Lewis	Steele, Fred Brunt
Begley, John Francis	Fattah	Minion, Gerald Douglas	Stock, Sherman Gentry
Bell, Donald Wayne	Fay, Robert Eugene	Murphy, James Clair	Sullivan, Dell
Bills, Ray William	Forsgren, Ralph Keller	Neilsen, Clark Reed	Theil, Harry Louis
Bingham, Edwin Theodore	*Fowers, Kenneth C.	Olsen, John Deverell	Thompson, Richard Leon
Bingham, Robert J.	*Gardner, Robert Wayne	Parcell, John Thomas	Thompson, Sidney Grant
Briggs, Calvin Eli	Gardner, Walter Jack	Parkinson, M. Claude	Tucker, Vearl Ray
Burgess, Peter Delbert	Ghotb, Anayatollah	Petersen, Fred West	Wadley, Don F.
Carlisle, Gerald Leon	Godfrey, Ririe Mervin	Peterson, Karl Raymond	*Wagstaff, David Jesse
Carnahan, Glenn F.	Griffiths, Reed O.	Pickett, Merrill J.	Ward, Harold Olen
Christensen, Morgan Dale	Hansen, Kenneth John	Pickett, Lorin W.	Widdison, Chad Newell
Christensen, Reuel Halbert	*Jensen, Royal Duane	Pond, James Marvin	Wilcock, Jack Acton
Clark, Orson Merrill	Johnson, Archie Doyle	Rasmussen, Don Lawrence	Wilson, Joseph Vance
Clouse, Robert Elwood	Johnson, Calvin	Remund, Johnny G.	*Wright, Darrell Vincent
Cooper, Gerald M.	Johnson, Lamar John	Rice, Cleve A.	*Wright, James Louis
Decker, A. Lowell	*Johnson, Glen	Richins, Robert John	Yuthasastrakosol Prasantrin
Despain, Eleazer Asay	Jorge, Jose Antonio	Sesaweech, Tweesackdi K.	

BACHELOR OF SCIENCE IN BUSINESS AND SOCIAL SCIENCES

Adams, Grant Ware	Daniels, Thomas Emerson	Kermani Arastoo Irani	Rananavare, Annasaheb M.
Albright, Gene Charles	Davis, Clark T.	Killpack, Louis A.	Raner, David Holden
Albright, Richard Carl, Jr.	Davis, Dexter Fredrick	Knuth, Robert Edward	Rasmussen, Clark Robert
*Alexander, Charles M.	Davis, James Cuttino, Jr.	Kubota, Albert Kaoru	Ream, John Norman, Jr.
Anderson, Cleon Dee	Devries, Wade Everett	Larkin, Fredrick Dane	Reeder, Richard Frank
Anderson, Duane R.	Didericksen, Floyd Dale	Larsen, Lawrence B.	Richards, Peter Watson
Anderson, S. Clark	Dieda, Carl Leonard	Leany, Laverl Benjiman	*Roundy, Sally Kay
Ashdown, Edward William	Doherty, Joseph V.	*Lee, Joseph Elson	Russ, Bernard Matt
Ashton, Kenneth Dale	Everton, Richard Keller	Lewis, Neal C.	Satterthwaite, Frank Deloyd
Atkinson, Crae Pitt	Falslev, Doris Hansen	Liddell, Daryl	Scheffel, John Henry
Beck, George Albin	Farlow, Gerald Armon	List, Robert Frank	Schley, Robert Lloyd
Beckley Perry Clinton	Fase, David Laurance	Lovell Brent John	Sheppard, George K.
*Beckstead, Gordon Elmer	Favero, Edward	Lund, Gary Otto	Shiotani, Itsuo
Bergman, Ronald Alan	Ferrara, Charles A.	*Lye, William Frank	Short, Paul Freeman
Bernston, Alan Douglas	Fluckiger, Stanford A.	Mariani, Florindo	Sneddon, Kathleen Baird
Bezyack, William Carl	Friel, Joseph Antony	McCoy, John Milton	Stanger, Ronald Leroy
Bishoff, John Perry	*Gephart, Robert F.	McFarland, Larry Dee	Stevens, Jack Newel
Bowen, Eldon Daniel	*Gomez, Rudolph	Mendenhall, Gordon Dean	Stocks, Thomas Albert
Bower, Elmer George	Gunnell, Verlan P.	Meyrick, Joseph Stanley	Stosich, Paul W.
Brower, James Reed	Haggen, Gilbert Leonard	Miller, James Paul	Stringer, James Willard
Call, Laval J.	Hall, Howard Croft	Minson, David Ross	Tatsugawa, Mitsuo
Capener, David Ray	Hansen, Grace	*Moore, Marilyn	Taylor, Dennis Raymond
Carson, Eldon Earl	Hansen, Ray D.	Moulton, Arlo Eugene	Thayne, Lloyd Martin
Catmull, Deanne	Harvath, Jack Alvin	Murdock, Orrice Stratford	Thomas, Kenneth Eugene
Chamberlain, William M.	Heaton, John Harold	*Niederhauser, June	*Thomson, Doneal
Cheney, Sarah Jo	Hill, Robert Ellis	Niederhauser, Larry D.	Thurston, Stephen Wood
Christensen, Evan J.	Hoggan, Louis Brent	Oden, Donald Anderson	Tomlinson, Kenneth Larry
*Christensen, Kay Henrie	Hunsaker, Maurice Lynn	Olsen, O. Bard	Torrence, Thomas C.
Clark, Delon Maynard	Hyde, Jon Wesley	Olsen, Reed Andersen	Valentine, Dale E.
Clark, Ferris Elaine	Inama, Albert Robert	Olsen, William Arvid, Jr.	*Wadron, Ludell
*Coates, Lawrence George	Ipsen, Robert Lee	Oxborrow, Clyde	Warren, Douglas Stewart
Coffman, Margaret	*Jensen, Bartell Cowley	Pandya, Jashvant Ray	Watkins, Devere M.
Conrad, Sally Peterson	Jeppson, Anita Helene	Parker, Alton Deloy	Watterson, Florence
Cowley, Jodie C.	Jeppson, Charles	Perry James P.	Weight, Jay Lawrence
*Cragun, John Reuben	Johnsen, Allen Leron	Petty, Merrill Ross	Welch, David N.
Croft, Robert Scott	Johnson, LeRoy Dale	Phillips, Ivan George	Williams, Kenneth Glen
Cutler, Milton, Deverl	Jones, Lawrence Paul	Powell Leland Max	Willis, Cardon Weston
Cutter Robert Bruce	Jones, Richard Keith	Prestwich, Ronald Leo	Willits, Richard Arnold
Dabling, Ralph M.	Keller, Milton Boyd	Radford, David Lee	

BACHELOR OF SCIENCE IN EDUCATION

- Adamson, Wayne K.
 Almond, Reese Merl
 Allen, Leota Hislop
 Datwyler, Janice Allred
 Allsop, Richard Warren
 Anderson, Alice Marie
 Anderson, Anna S.
 Anderson, Delores
 *Anderson, Laree Pearl
 Ashby, Carl Leroy
 Ashby, June B.
 Ashman, Charles Terry
 Bair, Elaine
 *Baird, Arlan Randall
 Baker, David Coombs
 Baker, Garth
 Bartholomew, Robert O.
 Bateman, Karen Tresseder
 Beck, Donald Arlin
 Bedke, Bruce Byron
 Bell, Sidney Karen West
 Belliston, Carol Page
 *Bennett, Elsie Jacobs
 Benson, Patricia
 Bertelsen, Jerry K.
 Bingham, Adoree Preece
 *Blain, Boyd Nelson
 Blain Catherine Joan Moser
 Blanchard, Alma Lane
 Blanchard, Barbara J.
 Blau, Glenna Deen
 Booth, Lloyd Ellis
 Bouwhuis, Albert Leroy
 Bouwhuis, Myrna
 Bowen, Larae
 Boyce, Nancy
 Bridges, Sherwood Elgin
 Briggs, Agnes Marshall
 Brummett, Patricia Ann
 Budge, Helen Arlene
 Budge, Kenneth Hyrum
 Budge, Lowell Jensen
 Buhler, Genevieve
 Burdett, Afton C.
 Call, Robert Anson
 Capener, Gordon Lee
 Capener, Richard A.
 Chard, Zella S.
 *Checketts, Keith Thomas
 Cheney, Alice Marie
 *Christensen, Claudia I.
 Christiansen, Robert N.
 Christiansen, V. Gayle G.
 Chugg, Connie Jean
 Clarke Edna Shaw
 Clinger, John William
 Coffman Denece
 Cook, Zora Roberts
 Cox, Marion Widdison
 Cox, Mildred Janet
 Cragun, Helen
 Cragun, Norma D.
 *Crawford, Lucile
 Curtis, Overton
 Dabbling, Helen Hobson
 Davis, James Dale
 *Dawson, Marcia Marie
 Dayton, Diane Louise
 Depierro, Hazel Fern
 Dixon, William Leroy
 Doke, Gloria
 Donohoo, David Owen
 Dudley, Ruth
 *Durrant, Barbara Jean
 Durtschi, Gerald N.
 Dutton, Lellon S., Jr.
 Dye, Marilyn Petersen
 Eckman, Blaine D.
 Eckman, Wayne D.
 Eliason, Pauline Rose
 Ellett, Relia Mikkelsen
 Ellis, Adella Kendall
 Ellison, Connie Rae
 Ellsworth, Arnold T.
 Erickson, Bruce G.
 *Erickson, Clara Genae
 Erickson, John Fredrick
 Fallis, Arvel Alonzo
 Fielding, Leslie Delray
 Fleming Leah Parrish
 Flinders, Leland Engh
 Follett, Richard Frank
 Fonnesebeck, Carol Irene
 Fowles, Arline
 Frank, David Ball
 Fryer, Thomas Garn
 Fullmer, Gladys A.
 Fullmer, Harlan M.
 Garfield, Don Lamar
 Garr, Constance Lucile
 Geddes, Thora Hatch
 Gee, Cherie Jeanne
 *Gerber, Barbara Lee
 Gleave, John Evan
 Gray, Juanita Darlene
 Green, Ralph Horace
 Grover, Pearl Petersen
 Grover, Ralph Horace
 Gudmundson, Kathryn
 Jacqueline B.
 Hafen, Douglas Clair
 Hallows, Brice J.
 Hancey, Gayle
 Hansen, Eda Alene
 Hansen, Gayla Lavay
 Hansen, Norma Kaye L.
 Hanson, Emil Otto
 Hardy, Thelma Brown
 Harris, Dee Lynnell
 Harrop, Raymond William
 Harvath, Helen Daines
 Haslam, Amarylis Burton
 Haslam, Larry Odell
 Hatch, Merlin Olson
 Healy, Marilyn Jane
 Henderson, Lawrence
 Henrie, Larry J.
 Hersh, Ruth M.
 Higgs, Barbara
 *Hirschi, Faye A.
 Hislop, Charles Curtis
 Hodges, Adella Mae
 Hoggan, Irene Coombs
 Holmes, Jolene
 Holmgren, Jerilyn
 Holyoak, Laura Nan M.
 Horn, Priscilla Lee M.
 Howard, Lorraine
 Howells, Henry Doyle
 Huchel, Mary A.
 Hullinger, Harold E.
 Humphreys, Marlene
 *Hunsaker, Vera C.
 Hurd, Lyle Burke
 Illum, Mary Lou
 Iverson, Beatrice M.
 Ivory, Maurine
 Jackson, Marilyn
 James, Cynthia Garnett
 Jennings, Maxine R.
 Jensen, Carol Ann
 Jensen, Karen Marie
 Jensen, Sheryl Dian
 Johnson, Beatrice G.
 Johnson, Clara Joyce
 Johnson, Richard T.
 Johnson, Ruth Brimhall
 Jones, Audrey
 Jones, Daniel Gary
 Jones, Sharon
 Jones, Trilva D.
 Jorgensen, Donald F.
 Justesen, Blanche Maxfield
 Kapp, Gary Christian
 Kelson, Lora Elizabeth
 Kennard, Leona D.
 King, Exum Darrell
 Kirby, Sharon Rose
 Knight, Ruth Naisbitt
 Knight, Sharon
 Kondo, Lillian Kinuye
 Krogh, Ronald Dean
 Kunz, Colleen Beardall
 Laidlaw, Allan Boyd
 Lane, Frances Yvonne
 Lapray, Anthony J.
 Larsen, Karen Marie
 Lasko, Joyce Newman
 Last, Gwenivere
 Leak, Dee Odell
 Lenotti, Peter John
 *Lewis, Margaret E. T.
 Lindhardt, Robert W.
 Long, Sheralynn Burnett
 Lowe, Arthur J.
 Lowham, Sharyll Ann
 Lutes, Kathryn Bruce
 Luthi Vona Vee Nelson
 *MacCarthy, Olive M.
 *Madsen, Hazel Wintle
 Mallet, Marilyn
 *Marshall, Robert Kearl
 McCarrey, LuR
 McCarrey, Marie R.
 McCombs, Alta Kennington
 McCurdy, Bert McKay
 McDill, Robert Wilson
 McGraw, Eva Greenwell
 McKinnon, Jane
 McMurdie, Joseph Byron
 Tilley, Kay Louise McMurdie
 Meeks, Jessie Ann
 Merrell, Isabel Wade
 Merrill, Darwin Gene
 *Merritt, Winfred P.
 Meyer, Alice Ann
 Miller, Ivone
 Miller, Richard Leishman
 Mitchell, Ellen May
 Montague, Wendell G.
 Montoya, Philip Delee
 Moore, Eva Friend
 *Morgan, Jeanne
 *Morse, Ella Oborn
 Mortensen, Ione Hunsaker
 Mortensen, Sharon E.
 Muir, Virginia
 Nate, Ruth Larae
 Nebeker, Jolene
 Nelson, Orval Dee
 Nelson, Rene E.
 Nelson, Sylvia Margerie
 Nish, Joan
 Nixon, Helen C.
 North, Ila Jean
 Nuttall, Nancy
 Nyman, Carl David
 Olsen, Ariel Douglas
 Olsen, Floyd Edgar
 Otten, Alfred Clair
 Paoletti, Lynne
 Patterson, Mary Janet
 Paul, Louise Blood
 Paulick, Janice Ann
 Peart, Arnold Joseph
 Perkins, Dianne
 Petersen, Edna Jensen
 Petersen, Mary Gayle
 Peterson, Bessie Marie
 Peterson, Evelyn
 Peterson, Lynn Pond
 Peterson, Merlin J.
 Poorman, Nancy K.
 Prestwich, Leo Steele
 Procter, Sheldon F.
 Pulley, Fonda R.
 *Reeves, Yvonne Mary
 Rinderknecht, Joyce
 Rindlisbacher, Jack
 Robson, Ellen Celeste
 Rohde, Geniell Thompson
 Rowley, Ivan D.
 *Salerno, Anna Marie
 Schley, Carol Janet Martin
 Scott, Vaughn Leroy, Jr.
 Sears, Robert K.
 Sheffield, Don Hudson
 Sheffield, Iola Renee
 Shoup, Annette Mina
 Silvester, L. Jay
 Skyles, Paul Francis
 Slater, Barbara Ann
 Slater, Helen McEntire
 Smith, Larry Gene
 *Sorensen, Margaret Ann
 Southwick, Ruth
 Souza, Wilbert John
 Stephens, Meriam Pledger

BACHELOR OF SCIENCE IN EDUCATION (Continued)

Stauffer, Donna Mae
Steinke, Robert Ward
Stevens, John Allen
Stoker, Anna Melle
Stoker, Douglas Moore
Strate, Abe H.
Stratton, Alfred William
Sutton, Lexie C.
Swain, Melba Gardner
Taylor, Richard Lee
Taylor, Ursel F.
Taylor, Wilma Mathison

Thayer, James Homer
Thompson, Margaret Ann
*Thompson, Rose Burchell
Thorpe, Elizabeth Baugh
Tibbetts, Mary I.
Tolbert, Kathleen Helen
Tracy, Dale Dee
Tremea, Frank Oliver
Tucker, Jared Lillard
Tueller, Rodney Edwin
Underwood, Joyce
Vandenbosch, Paul Henry

Vest, Gayle Pixton
Waite, Milton Fairchild III
Wangsgard, Jean B.
*Wangsgard, Shirley
Ward, Glen Robert
Watt, Larue
Weeks, Calvin John
Welch, Shirlene Gardner
Wheeler, Mae Skeen
Wheelwright, Robert Lance
Whipple, Dorothea F.
Whitman, Janet

Wilks, Dixie
Williams, Benne Dee
Williams, Mark L.
Williams, Mary Ann
Winn, Patricia Wilson
*Winward, Edward J.
Winward, Paul K.
Wright, Lapreal Nelson
Wright, William Arnold
*Young, Frank White
Young, Vera Bailey

COLLEGE OF SOUTHERN UTAH

Adams, Florene P.
Adams, Vera Jean
Albrecht, Karma
Anker, Mary E.
Beatty, Robert H.
Brian, Earrell Dean
Brown, Joanna Palmer
Carrico, James
Carruth, Fern Froyd
Clark, Sharon

Dalley, Sandra Emmet
Dalton, Emma B.
Day, Raegene
Garrett, Clyde B.
Gillies, Burke O.
Heaton, Audree W.
Hinton, I. Verdell
Holt, G. Stanford
Ipson, Kathryn H.
Jones, Carol Ann Parry

LeBaron, George Alvin
Meeks, Heber Jesse
Miller, James Matheson
Mitchell, Vivian Hatch
Moss, Robert H.
Murdock, Gae L.
Peterson, Eva O.
Porter, Bobby L.
Quarnberg, Ferrell Archie
Riggs, Samuel Leland

Smith, Idona J.
Stapley, Dee El
Stoker, Dayle
Stratton, William Bud
Swapp, Lois Williams
Swindle, Roger D.
Ware, Samuel Dean
Willis, Elwood Ballard
Young, Marion Anderson

BACHELOR OF SCIENCE IN ENGINEERING AND TECHNOLOGY

CIVIL ENGINEERING

Bailey, Charles Aloy
Bennion, Barton Evan
Blackwell, Daniel H.
Blood, Wesley Heber
Budge, W. Don
*Corbridge, Norma Ezra
Cornelison, Jay Lee
Corry, Murray L.
*Dixon, Neal Perry

Downs, Lloyd Howard
Gowans, Richard Owen
Haddad, Halim Nemi
Hatch, Paul
Isrealson, Clarence Earl
Jenks, Loren Delmar
Larson, Karl David
McArthur, Robin Perry

McCurtain, Bruce Alan
Merrill, Derwin Crockett
Miller, Francis Dwight
Nielsen, Farrel Dwayne
*Olsen, Edwin Carl III
Perkins, Larry V.
Petersen, Reed Joseph
Porter, Lloyd R.

Richards, Carl Bruce
Roper, Clinton Lovell
Seamons, Lynn Lee
Stokes, George L.
Suhr, Lavon Delano
Thorpe, Joseph Derle, Jr.
Unten, John Eiwa Uyeunten
Williams, Harold Gene

ELECTRICAL ENGINEERING

Anderson, Richard W.
Andrews, Dean Carlton
Baker, Raymond George
Barker, Eugene Vermont
Bergen, Robert Shill
Berry, Lewis Dale
Bingham, Frank Golden
Bolander, Vance Bentley
*Brown, Larry Lynn
Brown, William Patrick
*Budge, Ezra Charles
Bundy, Donald Hamilton

Cahoon, Dick Bingham
*Clark, Richard Joseph
Cook, Douglas Leonard
Cullimore, Boyd Lee
Danielson, Lionel K.
Davenport, Lynn Harold
Dolder, W. Scott
Douglas, Stephen Baird
Dye, Francis Calvin
Fisher, John Marvin
*Frank, Victor Robert
Halamandaris, Phill G.

Hamilton, Lawrence L.
Hammond, Stanley Horace
Hunsaker, Raymond Delon
Jensen, Randall William
Jessen, David C.
Johansen, Lyle C.
*Larsen, Gareld Rudolph
Larson, James M.
Lemmon, Richard Henry
Loosle, Marvin Willard
Madsen, Lorin Lamar
Marriott, John Edward

McKinney, William R.
*Morrell, Richard Porter
Oman, Clyde Neil
Peterson, Joseph Hal
Peterson, Stanley C.
Robbins, William Jay
Skinner, Donald Morgan
Smedley, Milton B.
*Stewart, Scott Paul, Jr.
*Thain, Kay Paul
Thornley, Seldon Dennis
White, Larrie Dale

TOOL ENGINEERING

Albrechtsen, Udell S.
*Andersen, Loyal Ransom
Anderson, Ralph S.
Barnard, Mark John
Eik, William August

Fowers, James Dee
Johnson, Dell Andrew
Jorgenson, Victor W.
Kowalewski, Albin M., Jr.
Marler, Lyman Albert

Mayers, Carl Leland
*Palmer, Darrell Dean
Siggard, Paul Anthony
Smith, Richard Terry
Stuart, Warner

Taylor, Harry A.
Thomas, McKinley Beaves
*Wallentine, Robert E.

BACHELOR OF SCIENCE IN ENGINEERING AND TECHNOLOGY (Continued)

INDUSTRIAL EDUCATION

Ainscough, Robert Dean	Fletcher, Robert W.	Maathuis, Elzo J.	Smith, Hyrum Whitaker
Allen, Donald Keith	Fredricksen, Max Gene	Mayhew, Sterling Ray	Starley, Vernon Black
Anderson, Fred Clinton	Gannon, Russell James	Overson, Louis Eugene	Swapp, William
Barber, Norman Ray	Griffiths, John William	Pendleton, Samuel B.	Wilkey, Ramon Madsen
Beecher, Brent Evan	Haslam, Martin Clair	Rimington, Ronald Dale	Wilson, Grant J.
*Bond, Milton, Ellis	Howlett, Glen G.	Rock, Gerald Peter	Wyatt, Sidney Ball
Cutler, Robert Wayne	Iverson, Harley Pratt	Rowley, Collins	
Ducharme, Leo Mark	Jorgensen, Douglas	Savage, Lynnwood Emmett	
Dunn, Robert Vern	Lunt, Milton B.	Shepherd, Lee M.	

INDUSTRIAL TECHNOLOGY

Allen, Lamont Dennis	Curtis, Glen Leslie	Mehring, William Henry	Stuart, James Hodges
Anderson, Byron Clive	Daines, Tracy Homer	Miller, Albert E.	Sunada, Ray Sakae
Anderson, William Fred	Erickson, Ree B.	Moore, Sheldon Edward	Thompson, Carlos Eugene
Bagley, Carnell McKay	Erickson, Richard Bryan	Ospital, John Louie	Tueller, Bennion Lamont
Bagley, Weldon D.	Farnsworth, Fredrick J.	Robbins, John Lucas	*Van Orden, Leland Hugh
Blanchard, Raymond Reid	Hansen, Hyrum Atkin	Roper, Devon Jay	Welch, Harvey Dewain
Campbell, Glen Dean	Hansen, Leon R.	Schiess, John Kennard	Wheelright, Robert Jay
Coombs, Douglas Eugene	*Hatch, Keith W.	Smith, Thomas Edward	Wilding, Walter Reid
Coombs, Vernon H.	Jensen, Ellis R.	Smith, Val	Woodruff, Dale Moroni
Crawford, Russell Mack	Markowitz, Paul L.	Sonen, Stewart Francis	Wright, Dave Lee
Critchfield, Noel R.	McReynolds, Boone K.	Sorensen, Edwin Ralph	

BACHELOR OF SCIENCE IN FAMILY LIFE

Blanc, Anice Marie	Godfrey, Judy Pond	McDermott, Betty Baker	Stone, Margaret Louise
Bringham, Renee	Hall, Luanne	Stephenson, Jacklyn Olsen	Swenson, Arnell
Buxton, Claron	Hardy, Patricia Ruth	*Ormond, Delores Gayle	Thomson, Ruth Smith
Call, Evelyn	Hull, Nancy Ann	Pace, Etta	Wagstaff, Barbara Ann
Christiansen, Flora Jean	Jenson, Sara Jeanine	Pingree, Barbara Schaub	Walker, Virginia
Christiansen, Joan	Kennard, Frances Marie	Ray, Annette	Weight, Hazel Halice
Clark, Helen Myrtle	Lambert, Martha Leone	Ritchie, Diane	Williams, Phoebe Alice
Cooper, Annette	Larsen, Ruby Jean	Sadler, Joyce	Yardley, Jolene
Dansie, Joyce Marie	Law, Loraine Baird	Sampson, Melba Louise	*Yonk, Merlene
Dean, Norma Kay	Marston, Carolyn	*Smith, Elveda	
Furness, Noreen	*McConkie, Alta Geniel	Stephenson, Carolyn Sue	

BACHELOR OF SCIENCE IN FOREST, RANGE AND WILDLIFE MANAGEMENT

FOREST MANAGEMENT

Barker, Rodman Nicholas	Emden, Albert Charles	Lillie, Robert Marshall	St Andre, Gerald
Beaver, Howard Godfrey	Glenn, John Robert	McKenzie, Gregorio O.	*Stevens, Gordon James
*Binando, James	Hanson, Michael Larry	Naughton, Gary Grant	Vaughan, Donald Eddy
Cadzow, George Adams	Hopson, Terry Devere	Oshima, Edwin Masato	Walker, Peter James
Carpenter, Boyd Harris	Jackson, Ned Robert	Pangman, Hugh Gene	Wirth, Archer W.
Cloward, Philip Vaughan	Jensen, Lee Warren	Peterson, Gary E.	Zohner, Dahl Lemmon
Daehler, Ralph E.	Keddy, David Frances	Prince, Joseph Merle	
Deeming, John Edward	Keetch, Max Russell	Rolfson, Varold P.	
Duda, Teddy Michael	Kline, Leroy Nelson	Skabelund, Paul Hancey	

RANGE MANAGEMENT

Baxter, Garth	Cox, Ted E.	Dittmer, Kenneth Roger	Pettingill, Erle Leroy
Beardall, Louis E.	Dahlen, Robert W.	*Hougaard, John Louis	Pint, William Edward
Burrows, Ervin Carl	Davies, Robert Richard	Jensen, Delles Arlen	Ritchie, Don Clyde
Butler, Ross Edward	Davis, William Farrell	Mayo, James Miller	Scotter, George Wilby
Cisco, Ralph Clarence	Despain, Merrill L.	McKinley, Robin	Stott, Delmer Clark

BACHELOR OF SCIENCE IN FOREST, RANGE AND WILDLIFE MANAGEMENT (Cont.)

WILDLIFE MANAGEMENT

*Bailey, Leslie Edgar	Fair, Edwin Blaine	Lollock, Donald Leo	Smith, Richard Foster
Bates, James William	Fene, Kim Mark	Long, Wayne Everett	*Stone, Roderick Clyde
*Berseth, William Duane	Fill, Charles Richard	Nelson, Gary Leroy	Strunk, Tom Henry
Blackard, Jerry James	Hansen, Keith Stanley	Nelson, Kendall L.	Sullivan, John Omeara
Derr, Otto Ernest	Johnson, Fred Allen	Nish, Darrell H.	Winn, David S., Jr.
Donovan, John James	Kinsky, Arthur Michael	Oberholtzer, Melvin C.	*Yuill, Thomas M.
Dotson, Phil	Kirch, Elden D.	Ogden, Wendell S.	
Eliason, Alan Douglas	Kleinsmith, Dean S.	Seefeldt, Ralph E.	

BACHELOR OF SCIENCE IN UNIVERSITY COLLEGE

Adamson, David Lowry	Ferney, William Richard	Lyon, Thomas Jefferson	Ricks, Maureen
Alai, Barbara	Fillmore, Sidney James	Manoa, Donald Kealoha	Rocchio, Thomas Joseph
Amarino, Neal Thomas John	Floyd, Lyman John	Marshall, John Fredrick	Schmitt, Rupert Peter
Athey, Thomas Henry	Gibbons, Robert Baer	Maughan, Kathryn Anna	Schmutz, Clare Andrew
Bartschi, Don Fred	Gleason, Ann	Maughan, Richard Reed	Schneider, Paul Huth
Berlin, Edward Clair	Griffin, Richard Nelson	Maxwell, Molly Tucker	Schooff, Maury Wintle
*Boothe, Valoy Jensen	Hale, Marlene M.	McCormac, Donald Gene	Sherwood, Joseph Gerard
Branca, Alfred Anthony	Hall, Leslie Jane	McGregor, Mark Duane	Smith, Neil H.
Brillantine, Richard	Hamilton, M. Spencer, Jr.	McLaughlin, Howard B.	Stewart, Scott Paul, Jr.
Bruno, Perry S.	Hansen, Kenneth Royce	Mecham, Eldon James	Stromberg, Arnold Banks
Burke, Austin Reed	Hansen, William Kay	Mehas, Arthur Athanasios	Stucki, Mary Rae
Campbell, Kay Ronald	*Harris, Sonja Ann	Melartin, Kirsti M.	Tarbet, Floyd
Casey, Patrick Howard	Haycock, Marcia Kirkham	Merrill, Elizabeth Munson	Terry, Nolan Lynn
Christensen, Diane	Hermberg, Paul Arno	*Merrill, Steven L.	Tolman, David Claudius
Christensen, Val Rigby	Gee, Shirley Hillman	Mills, Joseph Deverl	Transtrum, Franklin D.
*Clark, Janet Velois	Holmgren, Dennis Arthur	Mollazal, Yazdan	Uyematsu, Juno
Cook, Joseph Vernon	Hunsaker, J. Neil	Morris, Marijane Free	Vandegraaff, Fredric R.
Coombs, Marlene Bodrero	*Hurren, Weiler Reeder	Nelson, Jerry W.	*Vest, Margaret Ann
Cowan, Melba Jean	Isom, Margene	Neuberger, Kirk Madson	Warner, Dale James
Dahlberg, Gerald Carl	Jensen, Kent Anderson	Nielsen, Jay Lamb	Weeks, Gary Lynn
Despain, June Joanne	Jessen, David C.	*Olsen, Janet Richards	Woodbury, Elrod Taylor
Dewey, William Thayne	Johnson, Mary Alice	Orchard, Robert A.	Woods, Rae Cote
Donohoo, Dee Edgar	*Jones, Lewis Kimball	Orullian, George Duane	Woodward, Vada Lee
Dorst, Ronald Vallison	Kim, Sedong	Parker, Verlyn	Worlton, Dale Reid
Eccles, Maysie Ellen	Knighton, John Thomas	Paul, Merlin Gene	*Young, Moana Korth
*Egbert, Larre Nyman	Larsen, Rheta Eleanor	Perkes, Robert Ray	
Eyre, Warren Gene	Lewengrub, Stanley Jack	Phungsoondara, Thira	
Falkenborg, Orian Ann	*Lind, Vance Gordon	Price, Delmar	

*Phi Kappa Phi, national honorary scholastic fraternity. Membership in this organization is based upon academic achievement and is proffered to those students who obtain a grade point average in the highest ten percent of those graduating from each College of the University.

HONOR GRADUATES

VALEDICTORIANS

The quality of performance in academic work enables the following students to be graduated with distinction.

A Valedictorian has been selected by each College of the University. Addresses have been delivered and appropriate recognition accorded the following students by faculty and fellow graduates in each of the Colleges as indicated:

College of Agriculture	Royal Duane Jensen
College of Business and Social Science	Joseph Elson
College of Education	Winifred P. Merritt
College of Engineering	Richard P. Morrell
College of Family Life	Geniel McConkie
College of Forest, Range and Wildlife Management	Thomas Yuill
University College	Janet V. Clark

HIGH HONORS

Clark, Janet
Erickson, Clara Genae
Gerber, Barbara Lee
Lee, Joseph Elson
Lye, William Frank
Marshall, Robert Kearl

McConkie, Alta Geniel
Merritt, Winifred P.
Merrill, Steven L.
Morgan, Jeanne
Morrell, Richard Porter
Olsen, Janet Maude

Ormond, Delores Gayle
Wagstaff, David Jesse
Wright, Darrell Vincent
Yonk, Merlene
Yuill, Thomas Mackay

HONORS

Alai, Barbara May Bekker
Baird, Arlan Randall
Bennett, Elsie Jacobs
Berseith, William Duane
Blain, Boyd Nelson
Bond, Milton Ellis
Boothe, Valoy Jensen
Checketts, Keith
Clark, Richard
Cook, Joseph Vernon
Corbridge, Norman Ezra
Cragun, John R.
Dawson, Marcia Marie
Depierro, Hazel Fern
Despain, June JoAnne H.
Egbert, Larre Nyman
Eyre, Warren Gene
Falkenborg, Orian Ann
Fowers, Kenneth G.
Gibbons, Robert Baer

Gomez, Rudolph
Hall Leslie Jane
Hamilton, Melvin Spencer, Jr.
Harris, Sonja Ann
Hirschi, Faye A.
Hull, Nancy Ann
Hunsaker, Vera G.
Jensen, Bartell Cowley
Jensen, Royal Duane
Johnson, Sharon Glen
Jones, Lewis Kimball
Kim, Sedong
Lamb, Frank Earl, Jr.
Larsen, Gareld Rudolph
Lewis, Margaret E.
Lind, Vance Gordon
Lyon, Thomas Jefferson
MacCarthy, Olive Moffett
Madsen, Hazel Wintle
Maxwell, Molly Tucker
Morse, Ella Oborn

Neiderhauser, June
Palmer, Darrell Dean
Peterson, Merlin J.
Ray, Annette
Reeves, Yvonne Mary
Roundy, Sally Kay
Salerno, Anna Marie
Smith, Elveda
Sorensen, Margaret Ann
Stewart, Scott Paul, Jr.
Stone, Roderick Clyde
Tolman, David Claudius
Vest, Margaret Ann
Wangsgard, Shirley
Winward, Edward J.
Woodbury, Elrod Taylor
Woods, Rae Cote
Woodward, Vada Lee
Wright, James Louis
Young, Frank White
Young, Moana Korth

RESERVE OFFICERS TRAINING CORPS

MILITARY SCIENCE

Graduates presented a Commission as Second Lieutenant, United States Army Reserve. at earlier unit ceremonies. (RA) indicates Regular Army Commission.

ARTILLERY

Bills, Ray W.
Christensen, Val R.
Elliason, Alan D.
Hansen, Leon R.
Johnsen, Allen L. (RA)
Winn, David S. (RA)
Wright, James L. (RA)
Yuill, Thomas M.
Ashton, Max L.
Dicker, Amos L.
Price, Delmar

QUARTERMASTER CORPS

Allred, John G.
Lamb, Frank E.
Ward, Harold O.
Pickett, Lorin W.

MEDICAL SERVICE CORPS

Gibbons, Robert B.
Neuberger, Kirk M.
Kubota, Kaoru A.

CHEMICAL CORPS

Hurren, Weiler R.
Miller, Richard L.
Schooff, Maury W.

MILITARY POLICE CORPS

Hall, Howard

ORDINANCE CORPS

Wallentine, Robert E.

INFANTRY

Holmgren, Dennis A.
Hyde, John W.
Long, Wayne E.
Young, Frank W.
Silvester, L. Jay
Naughton, Gary G.
Meyrick, Joseph S. (RA)

ADJUTANT GENERAL'S CORPS

Cragun, John R.
Hermberg, Paul A.
LaPray, Anthony J.
Mendenhall, Gordon D.

ARMOR

Capener, David R.
Maughan, Richard R. (RA)
Reeder, Richard F.
Tucker, Vearl R.
Starley, Vernon B. (RA)

TRANSPORTATION CORPS

Bergman, Ronald A.
Cloward, Philip V.
Schley, Robert L. (RA)
Perry, James P.
Ramage, Lee G.

CORPS OF ENGINEERS

Merrill, Derwin C.
Potter, Edward M.
Tueller, Bennion L.

DISTINGUISHED GRADUATES

Allred, John G.
Lamb, Frank E.
Schley, Robert L.
Johnsen, Allen L.
Winn, David S.
Wright, James L.

Maughan, Richard R.
Starley, Vernon B.
Cragun, John R.
Gibbons, Robert B.
Neuberger, Kirk M.
Hall, Howard

Young, Frank W.
Silvester, L. Jay
Meyrick, Joseph S.
Hurren, Weiler R.
Schooff, Maury W.
Wallentine, Robert E.

AIR SCIENCE

Graduates presented a Commission as Second Lieutenant, United States Air Force Reserve, at earlier unit ceremonies.

Ashman, Charles T.
Cowley, Jodie C.
Critchfield, Noel R.
Davis, Clark T.

Deeming, John E.
Dewey, William T.
Merrill, Darwin G.
Ritchie, Don C.

Robbins, John L.
Smith, Val
Tracy, Dale D.
Watkins, Devere M.

DISTINGUISHED GRADUATES

Dewey, William T.
Watkins, Devere M.

Deeming, John E.

Smith Val

DOCTOR OF PHILOSOPHY

HULL, ALVIN C. Jr.

Preston, Idaho
M. S. Brigham Young University, 1940
Major: Range Management
Major Professor: L. A. Stoddart
Thesis: Seeding Coated Seed Pellets on Rangelands of Southern Idaho

LLOYD, RUSSELL DUANE

Pocatello, Idaho
B. S. University of Idaho, 1952
Major: Range Management
Major Professor: L. A. Stoddart
Thesis: Costs and Returns from Seeding Publicly-Owned Sagebrush-Grass Ranges to Crested Wheatgrass

MOHANTY, PRASANTA KUMAR

Orissa, India
M. I. E. Colorado State University, 1957
Major: Civil Engineering
Major Professor: D. N. Peterson, Jr.
Thesis: The Dynamics of Turbulent Flow in Steep, Rough Open Channels

NEHER, DAVID DANIEL

McDune, Kansas
M. S. Kansas State College of Agriculture, 1948
Major: Soil Science
Major Professor: R. L. Smith
Thesis: The Effect of Nutrient Levels in Nutrient Cultures on the Translocation of Foliar Applied Nutrients.

NEUHOLD, JOHN MATHEW

Woodscross, Utah
M. S. Utah State University, 1954
Major: Fishery Biology
Major Professor: W. F. Sigler
Thesis: The Effects of Sodium Fluoride on Carp and Rainbow Trout

MASTER OF SCIENCE

ALLEN, NARD VEE

Richmond, Utah
B. S. Utah State University, 1953
Major: Crop Production
Major Professor: De Vere R. McAllister
Thesis: The Inhibition of Germination Caused by the Lemma and Palea on *Phalaris Arundinacea* Seed

ANDERSON, JARVIS LYNN

Ogden, Utah
B. S. Utah State University, 1957
Major: English
Major Professor: T. Y. Booth
Thesis: A Study of Women in Selected Works of Bernard Shaw

ANDERSON, LORAN C.

Idaho Falls, Idaho
B. S. Utah State University, 1958
Major: Botany
Major Professor: Arthur H. Holmgren
Thesis: Investigations in the Genus *Chrysothamnus*

RALEIGH, ROBERT JOSEPH

Brantwood, Wisconsin
B. S. Montana State College, 1952
Major: Nutrition and Biochemistry
Major Professor: L. E. Harris
Thesis: The Influence of Different Nitrogen Sources, with Differential Fat and Diethylstilbestrol Levels, on Feed Utilization and Fattening Performance of Lambs

SHUMWAY, RICHARD PHIL

Orem, Utah
M. S. University of Minnesota, 1949
Major: Animal Production
Major Professor: James A. Bennett
Thesis: Studies of Body Fat Composition of Live Steers Using Tritium, Antipyrine, and N-Acetyl 4-Aminoantipyrine Dilution Methods

SOLIMAN, MOSTAFA MOHAMMED

Cairo, Egypt
M. S. Colorado State University, 1957
Major: Civil Engineering
Major Professor: D. N. Peterson, Jr.
Thesis: Discharge to Partially Penetrating Wells in Unconfined Aquifers

WOLFE, WILLIAM JOHN

Corvallis, Oregon
M. S. University of Idaho, 1940
Major: Irrigation Science
Major Professor: Vaughan E. Hansen
Thesis: The Development and Evaluation of a Method for the Condensation of Moisture Uniformly in Soil without Exceeding Field Capacity

ASHDOWN, REX RICHARD

Los Angeles, California
B. S. Utah State University, 1954
Major: Sociology
Major Professor: Don C. Carter
Thesis: Adolescent Identification with Parents

BAKER, JOE E.

Brigham City, Utah
B. S. Northwestern State College, Oklahoma, 1947
Major: School Administration
Major Professor: Terrance E. Hatch
Thesis: Problems Confronting Navajo Male Graduates During Their First Year of Employment

BALLS, K. GERALD

Soda Springs, Idaho
B. S. Utah State University, 1956
Major: English
Major Professor: Ira N. Hayward
Thesis: The Possible Influences of Hawthorne on the Writings of Henry James

MASTER OF SCIENCE (Continued)

BARNEY, LEROY

Logan, Utah
B. S. Utah State University, 1956
Major: School Administration
Major Professor: Gene S. Jacobsen
Thesis: A Study of the Desirability of Live Animals and Pets in the Elementary Classroom.

BARRUS, DOUGLAS A.

Afton, Wyoming
B. S. Ricks College, 1951
Major: School Administration
Major Professor: L. G. Noble
Thesis: A History of the Star Valley High School

BEEMAN, HAROLD R.

Riverside, Washington
B. S. State College of Washington, 1950
Major: Animal Husbandry
Major Professor: Lorin E. Harris
Thesis: An Evaluation of Grazing Treatments on Utah Spring Range Reseeded to Crested Wheatgrass. In Terms of Beef Cattle Gains and Nutrient Trends of Available Forage

BERG, CARL R.

Logan, Utah
B. S. Utah State University, 1953
Major: Sociology
Major Professor: Thel R. Black
Thesis: A Study of Participation in the L. D. S. Church in Clearfield, Utah

BERGHOUT, LEONARD N.

Ogden, Utah
B. S. University of Utah, 1937
Major: School Administration
Major Professor: David R. Stone
Thesis: A Study of Concepts for High School Geography

BEUTLER, G. LEON

Smithfield, Utah
B. S. Utah State University, 1950
Major: School Administration
Major Professor: Eldon Drake
Thesis: A Sound Film-Textbook Comparison of Concepts Taught in a Course in American Government on the Secondary Level

BISHOP, LARS MAHONRI

Hinckley, Utah
B. S. Utah State University, 1952
Major: School Administration
Major Professor: John C. Carlisle
Thesis: High School Pupils Knowledge of Selected American Governmental Practices and Principles

BOX, DIANE WEBER

Logan, Utah
B. S. Texas Technological College, 1958
Major: Foods and Nutrition
Major: Ethelwyn B. Wilcox
Thesis: Effects of Gamma Radiation on the Quality and Shelf-Life of Certain Fruits

BRADFORD, DONALD HAMILTON

Dayton, Idaho
B. S. Utah State University, 1941
Major: Secondary Education
Major Professor: Basil C. Hansen
Thesis: A Descriptive Study of Discipline Problems and Methods of Classroom Control within Selected L. D. S. Seminaries

BROWN, BOYD LEWIS

Monroe, Utah
B. S. Utah State University, 1958
Major: Sociology
Major Professor: Thel R. Black
Thesis: Factors Associated with Organizational Participation of Selected Adults in Brigham City, Utah

BROWN, CARLEEN S.

Monroe, Utah
B. S. Utah State University, 1958
Major: English
Major Professor: Veneta L. Nielsen
Thesis: Elinor Wylie: The Glass Aristocrat

BUNKER, REED CHARLES

Delta, Utah
B. S. Utah State University, 1957
Major: Crop Production
Major Professor: DeVere R. McAllister
Thesis: A Study of the Clover Seed Chalcid Infestation of Various Alfalfa Varieties in Utah

BURG, RUTHE BLANCHE

Logan, Utah
B. S. Utah State University, 1955
Major: Psychology
Major Professor: Arden Frandsen
Thesis: An Evaluation of the Graves Design Judgment Test in Predicting Art Success

BURR, JACK F.

Burrville, Utah
B. S. Utah State University, 1957
Major: School Administration
Major Professor: Basil C. Hansen
Thesis: A Study of the Relationships Between the Ratings of Superintendents, Teachers, Principals Self-Rating, and Trained Observers of Some Twenty-Eight Secondary and Elementary School Principals

BURT, BYRON EZRA

Brigham City, Utah
B. S. Utah State University, 1955
Major: English
Major Professor: Ira N. Hayward
Thesis: Children of the Sea: A Poem and a Short Novel

BUTCHER, VERN R.

Kaysville, Utah
B. S. Utah State University, 1955
Major: Secondary Education
Major Professor: L. G. Noble
Thesis: Pictures, Music and Test Anticipation as Stimuli for Learning

MASTER OF SCIENCE (Continued)

BUTTARS, MABEL, GRACE

Clarkston, Utah
B. S. Utah State University, 1934
Major: Home Economics Education
Major Professor: Margaret B. Merkle
Thesis: A Study of the Food Habits of a Group of Freshmen Girls Residing at Lund Hall on the Utah State University Campus

CADY, BRYAN VIRGIL, Jr.

Ogden, Utah
B. S. Utah State University, 1958
Major: Economics
Major Professor: E. B. Murray
Thesis: Some Economic Consequences of Experience Rating in the Utah Employment Security Act

CASKEY, CHARLES FREDERICK

Roy, Utah
B. S. Utah State University, 1956
Major: Political Science
Major Professor: M. R. Merrill
Thesis: Federalization of the National Guard

CASKEY, FLOYD H.

Logan, Utah
B. S. Utah State University, 1957
Major: Zoology
Major Professor: D. M. Hammond
Thesis: Morphological Description of the Trichomonad Found in the Stomach of Swine

CARTER, RUSSELL KEITH

Corrine, Utah
B. S. Utah State University, 1957
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: An Analysis of General Shop Methods with a Suggested Course of Study for the Junior High Schools in the State of Utah

CHEN, SHIH-PING

Kaohsiung, Taiwan
B. S. National Taiwan University, 1955
Major: Agricultural Economics
Major Professor: Earnest M. Morrison
"B" Plan Seminar Reports

CLARK, RALPH B.

Vale, Oregon
B. S. Brigham Young University, 1957
Major: Soil Chemistry
Major Professor: R. L. Smith
Thesis: A Comparison of Internal Bicarbonate of Some Chlorosis-resistant and Chlorosis-susceptible Plants

CLOWARD, DIX W.

Monroe, Utah
B. S. Utah State University, 1954
Major: Economics
Major Professor: V. L. Israelsen
Thesis: Assessment Practices in Logan City with Particular Reference to Unimproved Lots

COUCH, HOWARD WILLIAM

Idaho Falls, Idaho
B. S. University of Utah, 1935
Major: Guidance
Major Professor: Arden Frandsen
Thesis: A Problem Study of 300 Seniors of the Idaho Falls High School

DeREMÉR, EDGAR DALE

San Luis Rey, California
B. S. California State Polytechnic College, 1957
Major: Soil Chemistry
Major Professor: R. L. Smith
Thesis: The Effect of Various Chelates and Chelated Cations on the Availability of Phosphorus to Tomato Plants

DHALIWAL, AMRIK SINGH

New Delhi, India
B. S. Khalsa College Amritsar, 1954
Major: Horticulture
Major Professor: D. K. Salunkhe
Thesis: Starch Grain Characters, Amylose, and Amylopectin Contents in Relation to Pollination Time and Formation of Cotyledons in *Phaseolus lunatus L* and *Phaseolus polystachyus L*

DONEY, RONALD CONRAD

Logan, Utah
B. S. Utah State University, 1957
Major: Soil Science
Major Professor: R. L. Smith
Thesis: The Effects of Various Levels of Bicarbonate, Phosphorus, and pH on the Translocation of Iron in Plants

DOUGLAS, LOWELL A.

Grand Junction, Colorado
B. S. Utah State University, 1952
Major: Agronomy
Major Professor: Le Moyne Wilson
Thesis: A Physico-Chemical Study of Weathering Products in the Payson Soil Series

EASTIN, JAMES LEWIS

Salt Lake City, Utah
B. S. University of Utah, 1953
Major: Entomology
Major Professor: Donald W. Davis
Thesis: The Effect that Sodium-flouride-exposed Cabbage Plants have on the Reproductive Rate of the Cabbage Aphid, *Brevicoryne brassicae* (Linn.)

EASTMAN, REX DELOR

Salt Lake City, Utah
B. S. University of Utah, 1952
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: Prepared Kits in the Industrial Arts Program of the Utah Secondary Schools

EDLUND, DAVID OSCAR

Logan, Utah
B. S. Utah State University, 1956
Major: Chemistry
Major Professor: Norman Bauer
Thesis: Hemoglobin-Hydroxylamine Interaction in Aqueous Solution

MASTER OF SCIENCE (Continued)

ESFANDIARY, MALEK MANSOUR

Kerman, Iran
B. S. San Jose College, 1958
Major: Political Science
Major Professor: Wendell B. Anderson
Thesis: The Agricultural Phase of the Technical Assistance Program of the U. S. in Iran with Special Reference to the Role of Utah State University

EVANS, GARY FERD

Lehi, Utah
B. S. Utah State University, 1957
Major: Physical Education
Major Professor: H. B. Hunsaker
Thesis: The Effect of Current Athletic Recruiting Practices on Selected Utah High School Athletes

FARMER, JAMES EUGENE, JR.

Hagerman, Idaho
B. S. University of Idaho, 1950
Major: Animal Husbandry
Major Professor: Lorin E. Harris
Thesis: Levels of Some Trace Elements Found in Blood, Milk, Urine, and Feces of Dairy Cattle About the Time of Parturition

FARMER, KELLY NIEL

Logan, Utah
B. S. Utah State University, 1958
Major: Sociology
Major Professor: Tharel R. Black
Thesis: The Relationship of Social Participation and Employee Merit Rating at Thiokol Chemical Corporation, Brigham City, Utah

FINCHUM, WILLIS ARNOLD

Smithfield, Utah
B. S. Utah State University, 1949
Major: Electrical Engineering
Major Professor: Clayton Clark
Thesis: Apparent Movement of Sporadic E Patches Measured from Backscatter Records at Logan, Utah

FOK, YU SI

Hong Kong, China
B. S. National Taiwan University, 1955
Major: Irrigation and Drainage Engineering
Major Professor: Cleve H. Milligan
Thesis: Streamflow Forecasting for Blacksmith Fork River, Utah

FONNESBECK, PAUL V.

Logan, Utah
B. S. Brigham Young University, 1953
Major: Nutrition and Biochemistry
Major Professor: Lorin E. Harris
Thesis: Effect of Various Levels of Protein and Diel-drin When Fed to Pregnant Yearling Ewes on a Low Energy Diet

FUJIWARA, OSAMU

Kobe, Japan
B. S. Utah State University, 1958
Major: Dairy Manufacturing
Major Professor: A. J. Morris
Thesis: The Use of Protease Enzymes in the Manufacture of Cheddar Cheese

GARDNER, BRIGHAM DELOS

Afton, Wyoming
B. S. Utah State University, 1955
Major: School Administration
Major Professor: John C. Carlisle
Thesis: A Study of the Extracurricular Activities Program of the Star Valley High School for the year 1955-56

GARDNER, THURMAN WILLIAM

Cedar City, Utah
B. S. Utah State University, 1954
Major: Electrical Engineering
Major Professor: Clayton Clark
Thesis: Investigation of Motion of Sporadic Ionized Patches by Radio Backscatter Methods

GEBHARDS, STACY VICTOR

Peoria, Illinois
B. S. Utah State University, 1953
Major: Fishery Management
Major Professor: W. F. Sigler
Thesis: The Effects of Irrigation on the Natural Production of Chinook Salmon (*Oncorhynchus tshawytscha*) in the Lemhi River, Idaho

GILES-SAEZ, ANTONIO HECTOR

Lima, Peru
B. S. National Peruvian College of Agriculture, 1956
Major: Agricultural Economics
Major Professor: G. T. Blanch
Thesis: Economics of Allocating Limited Water Supplies Within the Farm with Special Reference to Escalante Valley, Utah, 1958

GILL, TEJINDER SINGH

Punjab, India
B. S. University of Idaho, 1957
Major: Electrical Engineering
Major Professor: Clayton Clark
Thesis: Determination of Possible Relationship Between Solar Flares and Sporadic E

GIROUX, J. FABIAN

Ogden, Utah
A. B. Brigham Young University, 1947
Major: American Studies
Major Professor: Hubert W. Smith
Thesis: The Uses of the Sacco-Vanzetti Case in American Literature

GLOVER, DAVID VAL

Farmington, Utah
B. S. Utah State University, 1954
Major: Agronomy
Major Professor: DeVere R. McAllister
Thesis: Resistance to and Transmission of Witches Broom and Comparative Yields of Alfalfa Varieties in the Uintah Basin, Utah

GODFREY, KENNETH WENDELL

Cornish, Utah
B. S. Utah State University, 1957
Major: Political Science
Major Professor: M. J. Harmon
Thesis: A History of General Obligation Bonding in Logan City

MASTER OF SCIENCE (Continued)

GREEN, EDWIN CARL

Ogden, Utah
B. S. Utah State University, 1941
Major: English
Major Professor: King Hendricks
Thesis: Social Aspects of Some of Jack London's Novels

GROVER, LOREN HOMER

Logan, Utah
B. S. Utah State University, 1957
Major: Agricultural Economics
Major Professor: G. T. Blanch
Thesis: Motor Truck Transportation of Cattle in Utah

GUNBY, PAUL T.

Vancouver, British Columbia
A. B. University of British Columbia, 1951
Major: Civil Engineering
Major Professor: Reynold K. Watkins
Thesis: The Application of Stress-analysis Techniques to Design of the the Aft Closure of a Space Vehicle

HANSEN, KEITH D.

Logan, Utah
B. S. Utah State University, 1957
Major: School Administration
Major Professor: Walter R. Borg
Thesis: A Survey of the Utah Public School Superintendents' Methods for Selecting Elementary and Secondary School Principals

HEINZ, DON J.

Rexburg, Idaho
B. S. Utah State University, 1958
Major: Plant Breeding
Major Professor: DeVere R. McAllister
Thesis: A Study on the Phenotypic Stability of Selected Eastern Forage Synthetics Grown Under Utah Conditions

HIBLER, CHARLES PHILLIP

Hot Springs, New Mexico
B. S. New Mexico College of Agriculture and Mechanic Arts, 1956
Major: Zoology
Major Professor: D. M. Hammond
Thesis: The Influence of an Artificial Medium Upon the Morphology of Swine Cecal Trichomonads

HOLYOAK, OWEN J.

Parowan, Utah
B. S. Utah State University, 1958
Major: Physical Education
Major Professor: Dale O. Nelson
Thesis: Effect of Selected Warm-up Procedures on Gross Motor Skills Involving Speed, Endurance and Accuracy

HUNSAKER, KENNETH BURNICE

Tremonton, Utah
B. S. Utah State University, 1957
Major: English
Major Professor: Hubert W. Smith
Thesis: The Impressionism of Sherwood Anderson

HYER, GLADYS CHRISTENSEN

Lewiston, Utah
B. S. Utah State University, 1916
Major: Home Economics Education
Major Professor: Margaret B. Merkley
Thesis: The Effects of Nutritional Education on the Food Habits of High School Students

IMAM, ABDEL GALIL IBRAHIM

Khartoum, Sudan
B. S. University College of Khartoum, 1953
Major: Plant Breeding
Major Professor: DeVere R. McAllister
Thesis Director: R. W. Woodward
Thesis: Inheritance and Linkage Studies in Selected Crosses of Cultivated Barley (*Hordeum vulgare L.*)

INMAN, WALTER ROY

Logan, Utah
B. S. Utah State University, 1956
Major Professor: Arden Frandsen
Thesis: A Comparative Study of Attitudes of Parents who have Children with and without Intellectual Handicaps as Measured on the California Psychological Inventory

JACKSON, ASHLAUG JACOBSEN

Ogden, Utah
B. S. Utah State University, 1934
Major: Guidance
Major Professor: Arden Frandsen
Thesis: A Survey of the Use of Standardized Tests in the Junior High Schools of Weber County

JARRETT, J. RAY

Ogden, Utah
B. S. Utah State University, 1950
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: Custodial Service Responsibilities as Effecting Industrial Arts Facilities

JENSEN, MARY WOOLEY

Malad, Idaho
B. S. Utah State University, 1928
Major: Music Education
Major Professor: Walter Welti
Thesis: A Study to Determine the Correlation Between Music Reading and Language Reading

JOHNSON, THERA CHRISTENSEN

Ogden, Utah
B. S. Brigham Young University, 1942
Major: Elementary Education
Major Professor: Gene S. Jacobsen
Thesis: A Descriptive Analysis of Part-time Ability Grouping in the Eighth Grade at the Roy Junior High School, Weber County School District

KALBHOR, PUNDLIK NAMDEORAO

Poona, Bombay
B. S. Poona College of Agriculture, 1952
Major Professor: Raymond W. Miller
Thesis: A Study of Detachment of Soil by Artificial Rainfall and its Relation to the Dispersion Ratio and Water Stable Aggregates for Nine Utah Soils

MASTER OF SCIENCE (Continued)

KHAN, MUHAMMAD ABDUL HAFEEZ

Lahore, West Pakistan
B. S. Panjab Agricultural College, 1934
Major: General Agriculture
Major Professor: Sterling A. Taylor
Thesis: The Movement of Salt in Soil Columns in Response to Wetting and Drying in the Laboratory

KNIGHT, ARLIN DALLEY

Tetonia, Idaho
B. S. University of Idaho, 1952
Major: Animal Breeding
Major Professor: James A. Bennett
Thesis Director: Warren C. Fotte
Thesis: Some Relationships of Live Animal and Carcass Measurements to Carcass Characteristics and Breed-Type Differences in Lamb

KOBE, JACK E.

Price, Utah
B. S. Utah State University, 1948
Major: Physical Education
Major Professor: H. B. Hunsaker
Thesis: A Study of the Work and Play Activities of 38 Selected Cases of Juvenile Delinquency in Carbon County, Utah

KURZHALS, INA W.

Ogden, Utah
A. B. Colorado State College of Education, 1937
Major: Elementary Education
Major Professor: Basil C. Hansen
Thesis: The Factor of Touch in a Reading Readiness Program for Blind Children

LACY, CHARLES HARPER

Sioux Falls, South Dakota
B. S. Iowa State College, 1956
Major: Wildlife Management
Major Professor: Allen W. Stokes
Thesis: Artificial Pothole and Level Ditch Development as a Means of Increasing Waterfowl Production

LARSON, CLIFTON BLAINE

Ogden, Utah
B. S. Utah State University, 1941
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: A Study of Occupational Requirements for Specialized Machinist, Inspector and Tool Technicians in Utah Industry

LARSON, DONALD B.

Logan, Utah
B. S. Utah State University, 1956
Major: Chemistry
Major Professor: Norman Bauer
Thesis: Ferrilegoglobin as an Oxidizing Agent for Hydrazine

LARSON, ELDRID STUART

Hyrum, Utah
B. S. Utah State University, 1936
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: The Relationship Between I. Q. and Grades Received by Students at the Logan Junior High School in Industrial Arts as Compared with other School Subjects

LeBARON, FRANCIS CHENEY

Barnwell, Alberta, Canada
B. S. Brigham Young University, 1954
Major: Plant Breeding
Major Professor: DeVere R. McAllister
Thesis: An Inheritance and Linkage Study of 19 Factor Pairs in Barley

LIECHTY, ELDEN ELMER

Logan, Utah
B. S. Utah State University, 1958
Major: Economics
Major Professor: B. L. Israelsen
Thesis: Some of the Economic Effects Resulting from the Introduction of Natural Gas into Logan, Utah

LINDSAY, BEN W.

Heber, Utah
B. S. Utah State University, 1957
Major: Agricultural Economics
Major Professor: G. T. Blanch
Thesis: A Study of County Agents' Attitudes and Relationship to Selected Extension Programs

LIST, PETER

Vienna, Austria
B. S. University of Agriculture, Vienna, 1957
Major: Forest Management
Major Professor: Raymond R. Moore
Thesis: Growth Prediction in Spruce-Fir Forrest Type on Utah State University College Forest

MARTIN, CHARLES W.

Logan, Utah
B. S. Utah State University, 1954
Major: Sociology
Major Professor: C. Jay Skidmore
Thesis Director: Don C. Carter
Thesis: A Study of the Degrees of Affection Displayed in Dating of a Selected Group of High School Students

MATSSON, BURKE W.

Ogden, Utah
B. S. Utah State University, 1956
Major: Art Education
Major Professor: Harrison T. Groutage
Thesis: Production and Preparation for Printing of Graphic Art in University Publications

MECHAM, ARLIN LaGRAND

Salt Lake City, Utah
B. S. Utah State University, 1951
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: The Preparation of Activity Assignment Sheets for a Course in General Metal Work on the Junior High School Level

MASTER OF SCIENCE (Continued)

MELLOR, ASHEL REX

Fayette, Utah
B. S. Utah State University, 1955
Major: Agricultural Education
Major Professor: Stanley S. Richardson
Thesis: An Investigation of the Pre-Service Educational Program for Vocational Agriculture Teachers Based Upon the Felt Needs of Utah Teachers of Vocational Agriculture

MENDINI, ARTHUR H.

Logan, Utah
B. S. Utah State University, 1952
Major: Physical Education
Major Professor: H. B. Hunsaker
Thesis: A Study of the Physical Education Graduation Requirements for Male Students in Selected Western Colleges and Universities

MESERVY, ROYAL RUEL

St. Anthony, Idaho
A. B. Ricks College, 1956
Major: Educational Administration
Major Professor: Eldon M. Drake
Thesis: A Study of Student Opinion of the Curriculum of the Granite Junior High School, Salt Lake City, Utah in 1957

MORTIMER, ROBERT GEORGE

Logan, Utah
Utah State University, 1958
Major: Chemistry
Major Professor: Norman Bauer
Thesis: A Study of the Oxidation-Reduction Potentials of Root Nodule Hemoproteins

MURPHY, LESTER JAMES

Logan Utah
B. S. Utah State University, 1958
Major: Forest Management
Major Professor: J. Whitney Floyd
Thesis: A Justification, Training and Use Plan for Helicopter-Attack on Forest Fires on the Plumas National Forest

NELSON, LOUIS LENZI

Roy, Utah
B. S. Utah State University, 1955
Major: Political Science
Major Professor: M. J. Harmon
Thesis: The Foreign Policy of Senator William F. Knowland

NIELSEN, REESE DAVID

Hyrum, Utah
B. S. Utah State University, 1957
Major: Sociology
Major Professor: R. W. Roskelley
Thesis: Leadership and Need Fulfillment

NOBLE, MARY McKINLAY

Logan, Utah
B. S. Brigham Young University, 1935
Major: Elementary Education
Major Professor: John C. Carlisle
Thesis: A Study of the Relationship Between Teacher Attitudes and Training in Mathematics and Pupil Achievement in Arithmetic

OLSEN, ROBERT HYRUM

Ovid, Idaho
B. S. Utah State University, 1956
Major: Animal Nutrition
Major Professor: Lorin E. Harris
Thesis: Feeding Protein, Phosphorus, and Energy Supplements to Cows on Utah Desert Ranges

OLSON, HAROLD FREDERICK

Logan, Utah
B. S. Utah State University, 1957
Major: Fishery Management
Major Professor: W. F. Sigler
Thesis: The Biology of the Utah Shub, *Gila atraria* (Girard), of Schofield Reservoir, Utah

PAGE, WILLIAM EDWARD

Logan, Utah
B. S. Utah State University, 1956
Major: Physics
Major Professor: Robert L. Berger
Thesis: Microcalorimetric Measurement of the Beta Irradiation of Water

PARKINSON, CAMILLA BAIR

Boulder City, Nevada
B. S. Utah State University, 1932
Major: Secondary Education
Major Professor: Pearl S. Budge
Thesis: A Comparative Study of the Progress of the Lowest Twenty-five Percent of the Students Enrolled at Boulder City Junior High School, 1954-55, 1955-56

PENDSE, PRATAPSIHA CHINTAMANI

Poona, Bombay
B. S. Agricultural College, Poona, India, 1947
Major: Horticulture
Major Professor: Alvin R. Hamson
Thesis: Studies on the Sampling Methodology of Peas for Yield and Quality

PETTY, CLEO M.

Cedar City, Utah
B. S. Utah State University, 1936
Major: Physical Education
Major Professor: H. B. Hunsaker
Thesis: An Evaluative Study of Selected Areas of the Physical Education Program for Men in Inter-mountain Area Junior Colleges

POLYZOPOULOS, NICHOLAS A.

Salonica, Greece
B. S. University of Salonica, 1943
Major: Soil Chemistry
Major Professor: Raymond W. Miller
Thesis: A Manometric Method for the Determination of Soil Carbonates in the Field

POULSON, BROOKS HENRY

Richfield, Utah
B. S. Brigham Young University, 1953
Major: Agricultural Economics
Major Professor: G. T. Blanch
Thesis: Variation in Sales of Fluid Milk Products in Six Salt Lake City Super Markets, 1956-57

MASTER OF SCIENCE (Continued)

PRESTWICH, LYN

Delta, Utah
B. S. Utah State University, 1957
Major: Agricultural Economics
Major Professor: George T. Blanch
Thesis: Variation in Production Practices and Costs of
Producing Eggs, 18 Utah Flocks, 1957-58

RANDERIA, BHUPENDRA VIRMIKHLAL

Bombay, India
B. S. Jai Hind College, Bombay, 1956
Major: Dairy Manufacturing
Major Professor: A. J. Morris
Thesis: A Method for Determining Proteinase Activity

RIVERS, ARTHUR L.

Logan, Utah
B. S. Utah State University, 1958
Major: Horticulture
Major Professor: D. K. Salunkhe
Thesis: Effects of Gamma Radiation on Asparagus and
Tomatoes

ROGHAAR, RALPH

Paris, Idaho
B. S. Utah State University, 1955
Major: School Administration
Major Professor: Gene S. Jacobsen
Thesis: A Study of Certain Post-School District Re-
organization Problems, Bear Lake County, Idaho

ROGNERUD, BENGT

Vollebakk, Norway
B. S. Agricultural College of Norway, 1952
Major: Soils and Irrigation
Major Professor: Sterling A. Taylor
Thesis: The Effect of Irrigating Bliss Triumph Potatoes
at Different Growth Stages

ROSE, WILLIAM HORACE

Logan, Utah
B. S. Oregon State College, 1953
Major: Bacteriology
Major Professor: Lewis W. Jones
Thesis: Studies in Transmission of Ovine Vibriosis

ROSS, CLEON W.

Victor, Idaho
B. S. Brigham Young University, 1956
Major: Botany
Major Professor: Herman Weibe
Thesis: The Effect of Hydrogen Fluoride on Light and
Dark Products of Carbon Dioxide Fixation in
Plants

SESSIONS, FOSS B.

Logan, Utah
B. S. Utah State University, 1957
Major: Industrial Education
Major Professor: William E. Mortimer
Thesis: An Analysis of the Automotive Program at
Ricks College in Relation to its Meeting the Needs
of the Students

SHEARER, RAYMOND CHARLES

Logan, Utah
B. S. Utah State University, 1957
Major: Forest Management
Major Professor: T. W. Daniel
Thesis: Seed Dissemination and Seedling Establishment
on Clearcut Blocks in the Larch-Douglas Fir Type
in Northwestern Montana

SHERWOOD, GLEN ALAN

Grand Forks, North Dakota
PhB. University of North Dakota, 1956
Major: Wildlife Management
Major Professor: Jessop B. Low
Thesis: The Whistling Swan in the Great Salt Lake
Valley of Utah

SKABELUND, DEAN O.

Logan, Utah
B. S. Utah State University, 1957
Major: English
Major Professor: Maxwell Edwards
Thesis: Albert Camus' Literature of the Absurd

SKABELUND, NANCY ANN BOWEN,

Logan, Utah
B. S. Utah State University, 1955
Major: Music Education
Major Professor: Irving Wasserman
Thesis: Representative Piano Music From Bach to
Debussy

SKINNER, HALVER MORGAN

Bozeman, Montana
B. S. Utah State University, 1935
Major: Industrial Education
Major Professor: Charles W. Hailes
Thesis: An Evaluation of the Industrial Arts Program
of Montana Secondary Schools

SMITH, JORDAN GRANT

Enterprise, Utah
B. S. Brigham Young University, 1954
Major: Crop Production
Major Professor: De Vere R. McAllister
Thesis: An Evaluation of the Salt Tolerance of Selected
Clones of *Agropyron elongatum*

SMITH, KAY DARRELL

Woods Cross, Utah
B.S. Utah State University, 1957
Major: Electrical Engineering
Major Professor: Clayton Clark
Thesis: Some Aspects of the Temperature Problem of
Germanium Transistor Power Amplifiers

SMITH, KENT FARRELL

Woods Cross, Utah
B. S. Utah State University, 1957
Major: Electrical Engineering
Major Professor: Clayton Clark
Thesis: A Study of Distortion in the Single-Ended Push-
Pull Transistor Power Amplifier

MASTER OF SCIENCE (Continued)

SWAIN, DONALD GLENN

Bryte, California
B. S. Utah State University, 1958
Major: Civil Engineering
Major Professor: A. Alvin Bishop
Thesis: Drainage of Utah State Experimental Drainage Farm by the Control of Surface Water

TAYLOR, FERN OLSEN

Ogden, Utah
B. S. Utah State University, 1953
Major: Elementary Education
Major Professor: Basil C. Hansen
Thesis: An Historical Study of Plain City, Weber County, Utah: Community Background as an Influence on Education

TAYLOR, RICHARD MELVIN

Salt Lake City, Utah
B. S. Utah State University, 1958
Major: Crop Production
Major Professor: De Vere R. McAllister
Thesis: The Selection of Superior Alfalfa Varieties for Utah Conditions

TAYLOR, WHEATLY JOYN

Ogden, Utah
B. S. Utah State University, 1942
Major: Elementary Administration
Major Professor: David R. Stone
Thesis: An Historical Study of the Utah Elementary Principals' Association

THRASHER, MARVIN EDWARD

Logan, Utah
B. S. Utah State University, 1958
Major: Psychology
Major Professor: David R. Stone
Thesis: A Content and Sequence Analysis of Capitalization and Punctuation in the Language Arts Program

TUCKER, MELVIN LEROY

Ogden, Utah
A. B. University of Utah, 1948
Major: Secondary Education
Major Professor: W. P. Lewis
Thesis: Outline of a First Year Course in Spanish for Junior High Schools, Utilizing a Combination Direct-Natural Method

TURNER, JOHN HOWARD

Logan, Utah
B. S. Utah State University, 1956
Major: Zoology
Major Professor: Eldon J. Gardner
Thesis: The Effect of Copper and Iron Salts on the Expression of Eye Abnormalities and Melanotic Tumors in Different Stocks of *Drosophila melanogaster*

ULUDAG, NEVZAT

Ankara, Turkey
B. V. M. Ankara University, 1953
Major: Dairy Production
Major Professor: George E. Stoddard
"B" Plan Seminar Reports

WAGSTAFF, ROBERT K.

Logan, Utah
B. S. Utah State University, 1958
Major: Poultry Husbandry
Major Professor: Jay O. Anderson
Thesis: Methods for Improving the Nutritional Value of High Barley Diets for Chickens

WALLACE, GERALD KENT

Logan, Utah
B. S. Utah State University, 1956
Major: Physiology
Major Professor: Clyde Biddulph
Thesis: Comparison of the Influence of 17 Hydrocortisone and 2-Methyl-9a Flurohydro-Cortisone Acetate on the Involution of the Thymus Gland in Mice

WARNER, W. KEITH

Logan, Utah
B. S. Utah State University, 1958
Major: Sociology
Major Professor: R. W. Roskelley
Thesis: Leadership That Meets People's Needs

WASHBURN, DEWAIN CALVIN

Monroe, Utah
B. S. Utah State University, 1949
Major: Secondary Education
Major Professor: David R. Stone
Thesis: A Study of the Problem of Coordinating the Completion of Driver Education Training with Legal Driving Age

WELBURN, WAYNE

Elgin, Nebraska
B. S. New Mexico Western College, 1954
Major: Industrial Education
Major Professor: Charles W. Hailles
Thesis: Project Evaluation for General Metal and General Woodwork Industrial Arts

WELLING, CHARLES LYMAN

Cowley, Wyoming
B. S. University of Wyoming, 1954
Major: Agricultural Economics
Major Professor: G. T. Blanch
"B" Plan Seminar Reports

WHATCOTT, WILLIAM JOHN

Lynndyl, Utah
B. S. Utah State University, 1957
Major: Physical Education
Major Professor: H. B. Hunsaker
Thesis: A Study of the Operations and Procedures of the Athletic Supply Rooms of the Mountain States Athletic Conference

WIGGINS, EVELYN LA VERNE

Logan, Utah
B. S. Utah State University, 1947
Major: Elementary Education
Major Professor: Gene Jacobsen
Thesis: A Comparative Study of the Self Selection and Textbook Methods of Reading Instruction in the 6th Grade Class

MASTER OF SCIENCE (Continued)

WIGHT, JERALD ROSS

Brigham City, Utah
B. S. Utah State University, 1953
Major: Soil Science
Major Professor: H. B. Peterson
Thesis Director: James P. Thorne
Thesis: Development and Evaluation of Laboratory
Method for Determining the Nitrogen Supplying
Power of the Irrigated Soils of Northern Utah

WILLIAMS, BENNE DEE

Ogden, Utah
B. S. Utah State University, 1958
Major: Psychology
Major Professor: Arden Frandsen
Thesis: Study Habits, As Self-Inventoried and Tested,
in Predicting Achievement

WINTERTON, BERT W.

Heber, Utah
B. S. Utah State University, 1957
Major Professor: W. S. Boyle
Thesis: A Cytological Study of *Agropyron dasystachyum*

WITHERS, RUSSELL VERNON

Rexburg, Idaho
B. S. Utah State University, 1957
Major: Agricultural Economics
Major Professor: G. T. Blanch
Thesis: Economic Crop Alternatives to Wheat Production
in Dry-Farm Areas of Northern Utah

WOOD, BERNADEAN

Ogden, Utah
B. S. Utah State University, 1954
Major: Physical Education
Major Professor: Lois Downs
Thesis Director: Lois Downs
Thesis: A History of Women's Physical Education at
Utah State University

WORKMAN, GARR WILLIAM

Ogden, Utah
B. S. Utah State University, 1957
Major: Fishery Biology
Major Professor: W. F. Sigler
Thesis: Lethal Concentrations and Detoxification Time
of Toxaphene for Goldfish, Gambusian, and Rainbow
Trout

MASTER OF EDUCATION

BARKER, CLAYTON LEE

Brigham City, Utah
A. B. Redlands University, 1951
Major Professor: Basil C. Hansen

COX, ALVORD LEVI

Logan, Utah
B. S. Utah State University, 1949
Major Professor: William E. Mortimer

DITTMER, VEDA KARTCHNER

Logan, Utah
B. S. Brigham Young University, 1931
Major Professor: Ellvert H. Himes

FIETKAU, LORIN ROSS

Ogden, Utah
B. S. Brigham Young University, 1938
Major Professor: Basil C. Hansen

HILL, CARL DAVID

Logan, Utah
B. S. Utah State University, 1953
Major Professor: David R. Stone

JENSON, RICHARD MILTON

Smithfield, Utah
B. S. Utah State University, 1952
Major Professor: Walter Welti

JOHNSON, HOWARD MELVIN

Ogden, Utah
B. S. Utah State University, 1948
Major Professor: Stanley S. Richardson

LONGHURST, ROBERT MAX

Woodruff, Utah
B. S. Utah State University, 1954
Major Professor: Stanley S. Richardson

McDONIEL, ESTES MORGAN

Henderson, Nevada
B. S. University of Arkansas, 1941
Major Professor: John C. Carlisle

MITCHELL, ANDREW JACKSON

Bunkerville, Nevada
B. S. Utah State University, 1950
Major Professor: Gene S. Jacobsen

MORRILL, SHARDON HUGH

Logan, Utah
B. S. Utah State University, 1956
Major Professor: Terrance E. Hatch

STAPLES, EMILY SPEIRS

Tooele, Utah
B. S. University of Utah, 1940
Major Professor: H. Reuben Reynolds

STEED, LYNN

Laurel, Montana
B. S. University of Utah, 1954
Major Professor: David R. Stone

SUTTON, DAVID W.

Preston, Idaho
B. S. Utah State University, 1933
Major Professor: Gene S. Jacobsen

SWAINSTON, THERON LANE, JR.

Preston, Idaho
B. S. Utah State University, 1956
Major Professor: Terrance E. Hatch

TAYLOR, DARWIN J.

Ogden, Utah
B. S. Utah State University, 1958
Major Professor: Basil C. Hansen

WOODRUFF, ANGUS Q.

Smithfield, Utah
B. S. Utah State University, 1926
Major Professor: William E. Mortimer

MASTER OF FORESTRY

THOMPSON, JACK EVERAD

Wichita Falls, Texas

A. B. University of Denver, 1955

Major Professor: T. W. Daniel

HONORARY DEGREES

MRS. BURTON W. MUSSER

Citation by Trustee Fern B. Ercanbrack

Humanitarian, stateswoman, linguist-diplomat, patriot of nations. Born to a destiny inspired by a noble parentage and the nourishing influences of early learning in the world's cradle of democracy, you have brought great honor and distinction to your native Switzerland, as well as your adopted country. Your rich heritage of peace and interest in human welfare has been a treasure shared with the state of Utah, the nation, and the world. Respected among your close associates for your scholarship and civic-mindedness, you have been elevated in your state to positions of significant responsibility in educational and political bodies; your concern for and ability to champion democratic principles have brought you recognition by presidents of the United States in appointments to national and international councils; and your facility with languages, coupled with your broad understandings of problems of government among the nations have brought you well-deserved honor and distinction bestowed by the great world powers. For your notable contributions to the advancement of this institution as a former member of the Board of Trustees, for your staunch endeavors to develop the great political potentials of your community and state, for your capable and competent representation of Utah and America in the cause of world peace, and for the signal honor and credit brought to yourself, your family, your state and nation, Utah State University is pleased to confer upon you the honorary degree of Doctor of Laws.

ERNEST O. LARSEN

Citation by Trustee Robert J. Potter

Engineer, conservationist, administrator, consultant. Utah, the West, and the nation acknowledges the ability you have demonstrated in developing and conserving the life blood of agriculture and industry in our great inland empire. Yours has been literally a life of scientific improvement of our significant natural resources. Modestly, quietly, yet courageously you have pursued and employed both your talents and those available in manpower and science to bring new and vigorous life to the mountain west. The verdure and fertility of many of these western basins and the development of power for industrialization of this great land are attributable in large measure to your engineering vision and tenacious pursuit of a concept born of personal experience and professional insights. As planner, supervisor, and leader you have shown to the world the value-answers to exploring, reclaiming and developing these vast arid areas. For a life of active concern for human and natural resources, for your effective employment of the tools of engineering science, for the major role you are playing in the greatest single engineering feat of its kind in the world, for your distinction in professional circles and recognition by the national government for enthusiastic leadership, authoritative counsel, and contributions in related fields of scientific endeavor, and for your loyal and devoted service to this institution, your alma mater, Utah State University proudly confers upon you the honorary degree of Doctor of Science.

RECOGNITION FOR OUTSTANDING ACHIEVEMENT

University Distinguished Service Awards

Presented to eminent scholars, business and professional people at the Founder's Day Program, March 10, 1959, upon nomination by the faculties of the various colleges of the University.

ELLIS L. ARMSTRONG . . . U. S. Commissioner of Public Roads, Department of Commerce, Washington, D. C. Supervisor of the world's largest building program, a graduate of Utah State, and former director of highways for the State of Utah. Active in professional, civic and church organizations, he holds membership in several engineering societies.

EFFIE SMITH BARROWS . . . Professor Emeritus in the Extension Service at Utah State University. Significantly active in this field for many years. Served twenty-five years as Home Management and Home Furnishings Specialist. A member of Sorosis Literary Society and many honorary fraternities, she is also recipient of many state and national honors.

JAMES L. JACOBS . . . Assistant Regional Forester in charge of the Division of Information and Education in the Intermountain Region of the Forest Service at Ogden. One of the first students to attend the School of Forest, Range, and Wildlife at Utah State University. Active in numerous community activities and professional organizations during a long and distinguished Forest Service career.

C. E. McCLELLAN . . . Professor Emeritus of Education at USU. Pioneer educator and administrator in Mexico and Western America, he served Utah State as Supervisor of Teacher Training and Acting Dean of the College of Education. Typifies those teachers whose zeal for education has helped to make America great.

N. ALVIN PEDERSEN . . . Known familiarly to several generations of Utahns as "N. A.," and longest remembered as one of the most beloved teachers in Utah State history. Writer, dramatist and public-speaker, he gained his fame as impersonator and interpreter of Lincoln and Shakespeare. Long and distinguished service as department head and Dean of School of Arts and Sciences (now University College).

GEORGE F. STALLINGS . . . Farmer, dairyman, and diligent worker in behalf of the Farm Bureau programs for the betterment of agriculture and the men and women dependent upon it. Supervisor and director of numerous organizations vitally significant to agriculture today. Filled life with activity in church and community affairs. (Awarded posthumously)

FRANCIS R. WILCOX . . . General Manager of Sunkist Growers in Los Angeles, California. Graduated from Utah State University in 1925. Regarded as one of the country's outstanding leaders in marketing. Heads an organization which, last year, marketed more than \$180 million of fresh and processed citrus fruits. His advice is widely sought in many fields of agriculture.

University Citizenship Awards

Presented to the man and woman graduating seniors who best portray high traits of character, scholarship and citizenship.

Thomas M. Yuill

Annette M. Shoup

FLAGS OF THE NATIONS

The flags posted in the background of the platform are representative of those nations from which students come who are being graduated from the University the current year. In numerical order from the audience's left:

- | | |
|---------------|--------------------------|
| 1. Argentina | 20. Jordon |
| 2. Australia | 21. Korea |
| 3. Austria | 22. Lebanon |
| 4. Canada | 23. Libya |
| 5. China | 24. Netherlands |
| 6. England | 25. Norway |
| 7. Finland | 26. Pakistan |
| 8. France | 27. Panama |
| 9. Germany | 28. Peru |
| 10. Greece | 29. Philippines |
| 11. Guatamala | 30. Poland |
| 12. India | 31. Sudan |
| 13. Iran | 32. Sweden |
| 14. Iraq | 33. Switzerland |
| 15. Indonesia | 34. Thailand |
| 16. Israel | 35. Turkey |
| 17. Italy | 36. United Arab Republic |
| 18. Jamaica | 37. Venezuela |
| 19. Japan | |

ALMA MATER

Across the quad at eventide the shadows softly fall,
The Tower of Old Main appears and peace rests over all.
The lighted "A" upon the hill stands out against the blue;
Oh, Alma Mater, Utah State, my heart sings out to you.

And through the years as time rolls on and student friendships grow,
We'll ne'er forget the joys we had, those days we used to know,
Thy mem'ries ever will be new, thy friends be ever true,
Oh, Alma Mater, Utah State, my heart sings out to you.

Composed by Theodore M. Burton.

BATTLE HYMM OF THE REPUBLIC

Mine eyes have seen the glory of the coming of the Lord;
He is trampling out the vintage where the grapes of wrath are stored;
He hath loosed the fateful lightening of his terrible, swift sword,
His truth is marching on.

I have seen him in the watchfires of a hundred circling camps;
They have builded him an altar in the evening dews and damps;
I can read his righteous sentence by the dim and flaring lamps,
His day is marching on.

He has sounded forth the trumpet that shall never call retreat,
He is sifting out the hearts of men before his judgement seat;
Oh, be swift, my soul, to answer him! be jubilant, my feet!
Our God is marching on.

In the beauty of the lilies Christ was born across the sea,
With a glory in his bosom that transfigures you and me;
As He died to make men holy, let us die to make men free,
While God is marching on.

Chorus:

Glory, glory Hallelujah! Glory, glory! Hallelujah!
Glory, glory! Hallelujah! His truth is marching on.