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Fifty=ninth

ANNUAL COMMENCEMENT

of the

Utah State Agricultural
College

Sunday and Monday

June eighth and ninth

Nineteen hundred and fifty=two

Fieldhouse

Logan, Utah

Baccalaureate Service

Sunday Morning, June eighth

Preliminary Music 9:00 Exercises 10:00

The Honorable Thorpe B. Isaacson, Chairman of the
Board of Trustees, presiding.

* * * * *

- Coronation March from *The Prophet* Meyerbeer
College Orchestra, Dr. N. W. Christiansen, Director
- "Lord God of Abraham" from *Elijah* Mendelssohn
Baritone Solo Richard Jensen
Accompanist Charles Jensen
- Invocation Elder Danford M. Bickmore
- Valse from Suite, Opus 15, Arensky
Piano Duo Patricia Madsen
Jeannine Madsen
- Symphony No. 7 in C Major Schubert
First Movement College Orchestra
- Baccalaureate Sermon President J. Reuben Clark, Jr.
- Fugue in G Major Bach
Organ Solo Clark R. Gardner
- The Lord's Prayer Mallotte-Sopkin
Trumpet Solo Jack Dunn
and College Orchestra
- Benediction Dr. F. B. Wann
- March from *Die Meistersinger* Wagner
College Orchestra

Commencement Exercises

Monday Morning, June ninth

Preliminary Music 9:00 Exercises 10:00

The Honorable Thorpe B. Isaacson, Chairman of the
Board of Trustees, presiding.

* * * *

Grand March from *Aida* Verdi
College Orchestra, Dr. N. W. Christiansen, Director

Invocation Rev. A. Cadman Garretson

Valedictory Address Mary Belle Haight
Representing the Class of '52

Chi mi frena from *Lucia di Lammermoor* Donizetti
Sextet—Florence Griffin Margene Robbins
 Carl Hill DeVon Chatterton
 Elmer Wahlstrom Leslie Wanlass
 Accompanist — Roy Haslam

Address to the Graduates General John K. Cannon

Conferring of Degrees President Louis L. Madsen
(It is suggested that applause be confined to the
period after the awards to each group)

Report of the President

Hungarian Rhapsody No. 12 Liszt
Piano Solo Marian Budge

College Song Burton
Organ Solo J. Wesley Crowther

Benediction Elder John J. Roderick

Grand March University Goldman
College Orchestra

List of Graduates 1952

TWO-YEAR CERTIFICATES

AGRICULTURE

Skelton, Joel Noble

AUTOMOTIVE REPAIR

Blake, Wayne S.
Doshi, Prabhat G.

Nelson, Arnold Williams

DIESEL AND HEAVY DUTY MECHANICS

Hyer, Wendel Clare

Markowitz, Paul L.

BACHELOR OF SCIENCE IN AGRICULTURE

Ahdab, Wajed Ahmad
Aridi, Basher A.
Assad, Darab
Auld, Stuart Douglas
Bailey, Richard Lloyd
Baker, Barzee C.
Banner, Samuel Harvey
Barth, Richard Lee
Bell, James H., Jr.
Bendixsen, Blaine Dee
Bones, James Trenchard
Booth, Collin M.
Brown, Gordell A.
Brownell, James Ross
Buchanan, Delmer Elwood
Buchmiller, Max Kay
Butterfield, Paul G.
Call, Jay Wood
Callas, Don Alexander
Capener, William N.
Chadwick, Don L.
Chiang, Michael I. K.
Christensen, Willard H.
Cox, Elmer Floyd
Cuff, Homer Verge
Dajani, Shihadeh H.
Day, Reed B.
Douglas, Lowell A.
Elsmore, Jim Williams
Forrest, Dee Rhodes
Forrest, Don Rhodes
Fowler, Murray Elwood
Freeman, William T.
Freestone, Clyde Thomas
Funk, Cyril Reed, Jr.
Furniss, Bud Moulton
Furniss, Verl Harper
Gardner, Herbert Reed
Gilbert, Bryant
Gomm, Ben Parker
Goodsell, Phil H.
Gray, Junior Lee

Griffin, Stanley Hatch
Griffiths, Lowell A.
Hamel, Fred M.
Harper, Richard G., Jr.
Harris, LeRoy M.
Heiner, Stevens E.
Helms, Alfred L.
Higby, Edwin Allen
Holm, Harold W.
Holyoak, Albern Merrill
Horn, George E.
Hortin, Don Dee
Howe, Robert Earl
Howell, Charles R.
Humphries, Charles R.
Hyer, Angus H.
Hymas, Charles Junior
Jacobs, Chariton R.
Jensen, Donald K.
Jensen, Gaylen W.
Jensen, Glen Wayne
Jensen, Reed John
Jensen, Varon
Jones, Milton Bennion
Judd, Albin
Kirk, Lee K.
Knight, Farrell E.
Knudson, Robert F.
Kohlwey, Richard James
Leeper, Donald Edward
Leishman, Homer M.
Lewis, Charles John
Lewis, Raymond L.
Lindner, George L.
Lindsay, Willard Lyman
Linford, Russell J.
Lisonbee, Clyde R.
Litz, Zan L.
Lyman, Clisbee Nielsen
Madsen, Mark Alma
Maeser, Paul Howe
Major, Theodore F.

Matheson, Keith Isom
 Merkley, Douglas L.
 Miller, Volmer Larsen
 Minto, Vrle Travis
 Mortensen, Vear Lee
 Munro, Forriest M.
 Neander, Herbert Allan
 Nelson, Ashby David
 Nelson, Edward Almon
 Nielson, Arlan Kent
 Nielson, Robert A.
 Odekirk, Carl John
 Olsen, Ross D.
 Packer, Nathan Taylor
 Paul, John Leo
 Pearson, Laurie
 Pennock, Thomas Darwin
 Peterson, Ronald Skeen
 Pieper, George F.
 Poppensiek, Warren J.
 Purnell, Glen Rex
 Raniere, Lawrence C.
 Reeve, John H.
 Rollins Myron Bygee
 Rose, Donald Wayne

Saffari, Mahmoud
 Schneider, Dallas Max
 Scott, Samuel Wayne
 Sjoblom, Wallace D.
 Smith, David Fallmer
 Snidvongs, M. L. Taew
 Sorensen, Foster J., Jr.
 Sorenson, Marvin J.
 Speirs, Leo Rolfe
 Spencer, Gareth Morley
 Steele, Don Lee
 Stephenson, Elbert M.
 Stoddard, Robert L.
 Summers, Henry Arthur, Jr.
 Taylor, Leo N.
 Thornley, W. Robert
 Thorpe, DeLoy Archibald
 Uhler, Robert L.
 Wankier, Lee A.
 Warren, Weston Melvin
 Wells, James H.
 Wilding, Morris Dean
 Willis, John Lane
 Wolfley, Gerald W.

BACHELOR OF SCIENCES IN ARTS AND SCIENCES

Adamson, Robert D.
 Ainsworth, Franklin C.
 Alder, Reo Griffith
 Allen, Harold B.
 Balliger, Robert W.
 Bateman, Alphasus H.
 Bingham, Howard R.
 Bingham, Marriner F.
 Bordewick, Bertram E.
 Borgholthaus, Don
 Bowen, Merlin J.
 Brough, Sherman G.
 Call, Verdell A.
 Campbell, Vance D.
 Carlisle, John W.
 Carver, Marcus Vess
 Christensen, Duane D.
 Christensen, Wallace C.
 Clayton, Joseph A.
 Craycroft, Justice O., Jr.
 Croft, Barbara
 Demars, Lorenzo C.
 Dorius, Gay Eloise Bond
 Douglass, William B., Jr.
 Eckenbrecht, Henry W.
 Erickson, Elmer G.
 Ezell, Robert Lee
 Fillmore, Earl Leroy
 Finch, Kay Jean
 Game, Ross Phillip
 Gardner, Douglas McKae
 Goldbeck, Phil A.
 Green, Thomas Francis, Jr.
 Griffin, Ann Marie
 Griffin, Florence

Gunderson, Jay E.
 Guth, Richard Everett
 Halls, Dee Porter
 Hamblin, Junius N.
 Hansen, Robert C.
 Haws, Leo Dale
 Healey, Don LaMar
 Heinrich, Mary Anne
 Hill, Barbara Pickett
 Howard, Samuel Allison
 Hyde, Charles Low
 Irvine, Thomas Monroe
 Jensen, Marcus Martin
 Johnsen, Melvin Keith
 Johnson, Elbert Joseph
 Johnson, Ralph A.
 Johnston, Lynne Beus
 Keding, Leon Vern
 Kimball, Carole B.
 Larkin, Melvin Arthur
 Laub, Donald Carl
 Laudenslager, May S.
 Layton, Daniel Eugene
 Litz, Paul K.
 Marble, Mary Heckman
 Marvin, Robert Gail
 Maughan, Val L.
 McCarthy, Max R.
 McDonald, Brian
 Merrill, Reed Miller
 Mohler, George R.
 Monahan, Walter
 Morse, Betty Jeanne
 Neaman, Lee Allen
 Nyborg, Lester Phil

Pack, Wayne L.
 Parker, Marie Maughan
 Pedersen, Anker Chris
 Perkes, Orson Dee
 Peterson, Wesley L.
 Pierson, Lloyd Robert
 Pino, A. Richard
 Preator, Richard F.
 Quayle, Donald R.
 Rawley, Virginia Kay
 Rees, Molen
 Rich, Ted W.
 Richens, Helen
 Robins, DeVan
 Roderick, John J., Jr.
 Schadle, Daniel P.
 Skanchy, Rex K.
 Slabaugh, Billy Eugene
 Smith, Wendell Wood

Stengel, Henry
 Stuart, Dorothy
 Tarter, John Donald
 Taylor, G. Preston
 Thurman, Richard Young
 Trost, William Arlo
 Tuma, Otto
 Vanderpool, Robert Hugh
 Voelckers, Carl E.
 Voll, William E.
 Wankier, Carl
 Wanlass, Leslie Reuben
 Warenski, William O.
 White, Ralph Wendell
 Whitemore, Janith
 Wilde, Anna Mae
 Winterowd, W. R.
 Woodbury, Lael Jay

BACHELOR OF SCIENCE IN COMMERCE

Abbott, Lael James
 Algier, Paul Kenneth
 Allen, Alvon Jay
 Allen, John Harold
 Anderson, DeLonne
 Baugh, Doris Deane Halverson
 Beckstead, Spencer W.
 Bell, Lincoln
 Bickmore, Rulon Dean
 Burrell, LaVon W.
 Card, Charles B.
 Chapman, Fullmer A.
 Chatikavanij, Kasetr
 Cook, Newell B.
 Counes, James George
 Crawford, Lyle R.
 Crook, Ernest Richard
 Crowther, James Wesley
 Dalton, John McAlister
 Dargahi, Mariam
 DiGiuseppe, James
 Dordick, Isidor I.
 Doutre, David Lamar
 Durtschi, Reed R.
 Farish, Richard D.
 Frederick, Lee Marion
 Gardner, LaRue Reading
 Ghaffari, Abbas
 Habbab, Abdul Ghani Joseph
 Hadfield, Reed W.
 Hansen, Donald Dermit
 Hansen, Reid Edward
 Hatch, Robert Adrian
 Henderson, Alfred C.
 Hoare, William James
 Hodge, Max D.
 Hoskin, Arnold K.
 Howe, Lowell H.
 Hubbard, Ernest Dee
 Hunter, George Robert

Jacobs, Gerald Grundy
 Jensen, Annette Crawford
 Jensen, Farrell Andy
 Jensen, Grey Maughan
 Jensen, Ramon L.
 Johnson, Jarvis T.
 Julander, Hal Douglas
 Kearl, Richard W.
 Koford, Jarvis Ben
 Krygier, Lu Ree Gulbransen
 Livingston, Lohr S.
 Loosie, Douglas W.
 Lowry, Lee Ray
 Mabrey, Richard Dexter
 Madsen, Stanley R.
 Marshall, Dorothy Ruth
 McBride, Calvin J.
 McBride, Clyde Russell
 Mezo, Joseph Thomas
 Miller, John
 Miller, Richard C.
 Milnar, Joanne
 Mockli, Clyde Emil
 Monsen, Shirley A.
 Muir, Carol
 O'Connell, Charles J.
 Peltier, Lawrence R.
 Petersen, Reea
 Pond, Carolyn
 Powers, Morris Bruce
 Price, Garth Stewart
 Rasmussen, Clair F.
 Rosenlof, Walter A., Jr.
 Ruesch, Junius Crawford
 Russell, Dan Charles
 Samii, Harmeiz
 Sayer, Glenn Ray
 Sellers, Richard Kent
 Shukri, Naji A.
 Shurtliff, Robert H.

Siegfried, Palmer Fred
Simkins, Ronald
Steele, Lowell R.
Stephens, Vivian Ramona
Stock, Ted G.
Stoddard, Ellwyn R.
Stokes, Jay Merrill
Surani, Abdul Karim M.
Tabrizi, Hamid N.
Tilley, Derald Alma
Transtrum, Wallace McKay
Tuveson, Bessie L.

Wack, Roland L.
Ward, Arthur Lynn
Weaver, Donald D.
Weight, Phena Brimhall
Wennergren, John A.
West, Danzel Leon
White, Max D.
Whitworth, Leon C.
Wilson, Clair Evans
Winschell, Keith W.
Winslow, Glen R.
Zollinger, Beverlee

BACHELOR OF SCIENCE IN EDUCATION

Adams, Bob R.
Adams, Uldene
Adamson, Lola
Ainscough, Marguerite
Allen, Thair G.
Andersen, Darwin D.
Anderson, Lois Marie
Archibald, Susan A.
Ashby, Neva
Ashcroft, Anne
Ausemus, Donald Keith
Austin, Lynn Matthews
Baer, Barbara Swensen
Bagley, Grant Richard
Baker, James William
Bartholomew, Philip R.
Bates, Cal T.
Bauer, Allen E.
Bauer, Mary Helen L.
Bauer, Virginia W.
Bellamy, Lois Jeanne
Beutler, William W.
Bevan, Janice M.
Bishop, Clarence R.
Bishop, Lars Mahonri
Blauer, Patricia Hawkes
Bonham, Daphne C.
Booth, Joseph Franklin
Bouwhuis, Lola W.
Bowman, Genevieve West
Bowman, Shirley
Boyland, William G., Jr.
Bracken, Dwain Ray
Brite, Luna Van Eaton
Brough, Rulon R.
Brown, Faye C.
Budge, Marion Trezona
Burgener, Elaine Waterman
Call, Marilyn
Campbell, Eunice Mae
Cannon, Raymond R.
Carlini, Tod V.
Chamberlain, Helen J.
Chatterton, Elmer D.
Chipian, Catherine

Clark, Lucille Peterson
Clark, Winnie H.
Cliften, Joanne
Colson, Richard Hardy
Cook, Bert Eugene
Copley, John Bryant
Corry, Dale Walker
Cox, Wanda Steele
Cranney, Winona B.
Cullimore, Jay Fred
Cutler, Fern Sharp
Davis, Russell L.
Davis, Shirley Elaine
Dean, Sara Annette
de Mello, Milton Stanley
Downs, Lewis
Eardley, Vernon James
Edwards, Reuben LaVell
Evans, Martha R.
Faubert, Ruth C.
Fernau, David Werner
Fisher, Jay N.
Flint, Jemima Webster
Fowers, Ruth
Fowers, Viola Jensen
Gardner, Ann Wolfley
Garrett, James William
Gibbons, Andrew H., Jr.
Gibbons, Eleanor A.
Gillette, Donna M.
Gilmore, Frank Clayton
Goodwin, Coleen Rawson
Graham, Patricia Le
Graser, Enid Thorpe
Greaves, Bertha Pitcher
Green, Gayla Fuhriman
Hafner, LaVerne Calvin
Haight, Mary Belle I.
Hajny, Alice Court
Hall, Joyce Heeley
Hansen, Earl Eugene
Hansen, Nelda Lenore
Harris, James Maurice
Haslam, Roy Gunnell
Hawkes, Jay P.

Heath, Clyde
Hellewell, George E.
Hendricks, Sharon
Hess, Doris Jean
Hill, Jewell Elaine
Hogan, Anna Henrietta
Holbrook, Donald Pat
Hug, Delores
Hunt, Georgina B.
Hyer, Lois Marie
Iverson, Gertrude Jensen
Iverson, Lafell
Jensen, Grace Anderson
Jensen, Juanita
Jensen, Lael
Jensen, Lavar
Jensen, Richard Burke
Jenson, Richard M.
Johnson, Boyd Nathan
Johnson, Willis F.
Jones, Janet
Kearl, Beverly
Kelsey, Viola Woodbury
Kimber, Lyman E.
LaMadrid, Josephine L.
Lamb, Heber Burnell
Lambert, Charles Robert
Larson, Ilamae
Leatham, Dale W.
Leavitt, Ethel Kent
Lee, Marilyn
Lunt, Jeannine
Madsen, Patricia L.
Mauchley, Lenore Poulter
McBride, Geraldine
McEntire, Carol Allen
McEntire, Jannett Humpherys
McFarland, Martha Bingham
McKnight, Lillian C.
McPhie, Walter Evan
Mecham, Melvin Everett
Melville, Margaret May
Mendini, Arthur H.
Messinger, Ina A.
Metcalf, John R.
Middleton, Yvonne Nelson
Mifflin, Dawn G.
Miller, Verda Mae G.
Molyneux, Joel Maxwell
Moore, Clarence Paul
Moore, Kenneth
Moss, Vera Perkins
Mouritsen, L. Rita
Muehlfeit, Lena Mae
Munk, Lorene
Murdock, Julianne Jennings
Nalder, Ned N.
Nelson, Allen Bryant
Nelson, Jerry Ray
Neville, Marget N.
Newbold, Marion A.
Nielson, Joyce

Nilson, Marjorie
Nyman, Monte Steven
Okelberry, H. Coleen
Olds, Andrew R.
Olsen, Arthur L.
Olsen, Dorothy Nowell
Olson, Helmer Arnold
Pack, Eulalia
Papworth, Elmina C.
Pedersen, Margene
Peterson, Floyd W.
Poloni, Charlotte Rose
Porter, Anna Zoe
Poulson, J. Golden
Poznanski, Belle
Prestwich, Nelda
Pulsipher, Annie G.
Pulsipher, Guy Ray
Putnam, Vira Greene
Ranzenberg, Maud K.
Reynolds, Emma Jean
Rhine, Bill Ernest
Richards, Claire Maughan
Richards, Reed M.
Richter, Louise T.
Rigby, George Ralph
Robbins, Margene Lois
Rosenberg, Virginia
Rytting, Bonnie Joy
Savage, Dee Lon
Schofield, Patsy
Seegmiller, Thelma P.
Sewell, Keith Arthur
Sieqler, Charles J.
Simad, Marjorie Mc Cowen
Simpson, Charles Hardy
Smith, Naomi Quayle
Smith, Rachel B.
Sorensen, Bry Dean
Sorensen, Dent G.
Stallings, Florence B.
Staples, Rhea
Stark, Jeanette
Starr, Howard H.
Steers, Alice W.
Stevens, Gayla
Stringham, Ned Martin
Summers, Ivan A.
Tartan, John Michael
Taylor, Ralph Edward
Thomas, Ronald L.
Tidwell, Frank Ray
Tittensor, Dortha Yeaman
Tittensor, Jack Russell
Tuft, Carl
Van Leuven, Myles C.
Veigel, Barbara N.
Vest, Gwendolyn L.
Wahlstrom, Elmer W.
Walther, Steuart Howard
Ward, Elizabeth R.
Ward, Marie Barker

Weber, Ardyth Charlene
Whitney, Joyce
Williams, Velma
Wood, Maxine
Woodward, Clair D.

Young, Darwin L.
Young, Eva J. Adams
Young, Valene
Zwahlen, Marva Joy

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

Al Rawi, Hassan M.
Amer, Ahmad

Andersen, Glenn C.
Sandberg, Woodard

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Adams, Raymond Packer
Allsop, Lew Judd
Axelgard, Aage Thuesen
Bagley, Jay Merrill
Beeston, Thomas Ray
Bennett, Eldon Talbot
Brooks, Royal Harvard
Brown, Harold T.
Calder, Glen H.
Daines, Oliver D.
Drake, Richard J.
Eardley, Robert Leon
Ellerman, William S.
Flammer, Gordon H.
Haight, Drew
Hein, Marvin D.
Hoggan, Daniel H.

Jensen, Jarvis Henry
Jensen, Max N.
Kahel, Martin
Karak, Susumu
Merrill, Joseph W.
Pearson, Fredrick C.
Petersen, Royes John, Jr.
Phillips, Boyd Earl
Roberts, Glade W.
Stephenson, Wallace J.
Transtrum, Lorraine O.
Turnidge, Sheldon C.
Ulug, Resat Mehmet
Whatcott, Ross Elwyn
Wheeler, Bert R.
Wynn, Val Dean

BACHELOR OF SCIENCE IN INDUSTRIAL EDUCATION

Alleman, Joy George
Baggs, Andrew C.
Bangerter, Leland V.
Beeton, Gerald James
Boulton, Franklin Foss
Bowman, Arthur Edward
Bradley, Merritt E.
Call, Stephen Wood
Campbell, Sterling H.
Carlson, Ray William
Curtis, Charles Robert
Diamond, Cornell F.
Findlay, John N.
Hadlock, Milo Steele
Hillier, Herbert M.
Jenks, Varsel Smith
Jensen, Roland A.
Krupp, Norman Clair
Lagasse, Hector Joseph
Lundquist, Claude Young

McDonald, Kenneth P.
McKay, George Robert
Middleton, James A.
Miller, Vernon Nephi
Mingo, Harry Edwin
Ormond, Parley Reed
Pendleton, Fred G.
Rogers, Francis Myron
Ross, Bruce Querry
Roundy, Kilmer Otho
Slaugh, Owen
Smirch, Bernard J.
Spendlove, John Darrell
Stephenson, Russell E.
Sturm, Raymond Le Roy
Van Moorlehem, Walter F.
Wagstaff, Earl William
Welch, Thomas William
Wilkes, Arlen C.
Williamson, Lee S.

BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY

Bailey, Richard Redfern
Barnes, Herschel Blaine
Burns, Myles Richard
Campbell, Raleigh C.
Clawson, George Ray
Critchfield, Lewis D.

Croxford, Ernest R.
Dewey, Gustave B.
Egan, Paul Claine
Ely, John Thomas
Farr, Joseph Lewis
Gabrielsen, Alvin Adams

Hansen, Arlen La Var
Hausknecht, Stephen E.
Hill, Leon Meredith
Hjelm, Henry M.
Hofer, Charles H.
Hughes, Vernon M.
Hunsaker, Hugh D.
Hunter, Robert Duane
Jensen, Jesse Romain
Knapp, Richard Dale
Krahn, John Jesse
Levy, Louis L.
Manwaring, David Blair
Mathis, Robert Stoker
Matthews, Lloyd J.

McGuire, Bruce O.
McGuire, Rupert E.
Mortensen, Charles F.
Myers, Van J.
Olsen, Ariel Lamar
Palmer, Arlo Kirk
Rowland, Charles M.
Rowley, LeGrand Snow
Sanduk, Hashim M.
Seely, Leith M.
Sonderegger, Ralph Clayton
Stanley, Richard Cleve
Stone, James R.
Ware, Keith Nelson
Woods, John Thomas

BACHELOR OF SCIENCE IN RADIO AND ELECTRONIC ENGINEERING

Bird, George Perry
Blanthorn, Boyd L.
Chadwick, Duane G.
Crane, John Daniel, Jr.
Kartchner, Kenneth A.
Kershaw, Junius Harold, Jr.
Neville, Dee Jay
Nielsen, Lewis M.

Nielson, Carl C.
O'Toole, John Joseph
Poole, William Brent
Smith, George L.
Squire, Robert William
Tew, Darrell Elden
Todd, Stanley Morton
Vander Does, Arthur S.

BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Birch, John Earl, Jr.
Bushfield, John P.
Grassi, Dennis Peter
Hart, William John
Hill, William C.
Krygier, James T.
May, Warner T.

Sanger, Paul Mark
Shairani, Jamil-ur-Rahman
Shaw, Warren D., Jr.
Thomson, Alan Parks
Ulrich, Richard A.
Wadsworth, H. Wayne
Weissert, Richard H.

BACHELOR OF SCIENCE IN RANGE MANAGEMENT

Cozacos, Nick James
Davis, Henry Elton, Jr.
Guymon, Dean
Hironaka, Minoru
McIntosh, Jack Arnold
Middaugh, Alan Russell

Nielsen, Mayo H.
Ogden, Phil Reed
Schowe, William
Sneva, Forrest A.
Wunderlich, R. Eugene

BACHELOR OF SCIENCE IN WILDLIFE MANAGEMENT

Bulkey, Ross Vivian
Cook, Harry D.
Egoscue, Harold J.
Gangwer, Samuel Nyer
Hanson, John Edward
Heggen, Albert W., Jr.
Jamieson, Robert H.
Lantz, Mahlon L.
Lewis, Don Edward

McCammon, Carl Irvin
Neuhold, John Mathew
Parsons, William G.
Peterson, Hal Wendell
Phelps, John Edwin
Rodgers, Richard S.
Tingey, Richard Dale
Van Cleave, Robert E.

BACHELOR OF SCIENCE IN HOME ECONOMICS

Anderson, Margret F.	Larsen, Shirley
Baker, Lois Joan	Manning, LuAnn Edna
Bellon, Carol	Maxfield, Bonnie Lue
Datwyler, Birdean	McConkie Norma
Davis, Louree	Myers, Lora Wallace
Dimas, Wilma	Nielsen, Constance VanFrank
Fairbourn, Wilma	Pitt, Joyce Renee
Flamm, Joan	Powell, Lois Melba
Funk, Helen June	Rowland, Beverly M.
Geddes, Barbara	Simmons, Helen Lower
Gillette, Renee	Sullivan, Mary Ann
Hansen, Olive	Stephens, Rhea Hymas
Harris, Jennabee Ballif	Thompson, Neta Alice
Haskins, Kathryn Jane	Tobler, Carrie Myler
Heywood, Jean Marie	Ulrich, Karin
Hillyard, Evelyn	Vincent, La Rue Vaughn
Howell, Helen A. Ernstrom	Warr, Mary
Hutchings, DeLynn	Williams, Carol
Jessen, Myrtle Ree	Winsor, Phyllis Larey
Kimber, Eula K.	Zollinger, Elvaletta
Knowlton, Kathryn Marie	

MASTER OF SCIENCE DEGREE

- ARAB BAKIR AL-TIKRITY, Entomology — "Biology of the Boxelder Bug in Cache Valley."
- HAROLD LEWIS BARTLETT, Sociology — "Attitude of Members of the Latter Day Saint Church Towards the Church Welfare Program, and the Relationship of these Attitudes to Selected Factors."
- DAY LAMAR BASSETT, Irrigation Engineering — "The Discharge Coefficient in the Coordinate Method for Measuring Pipe Flow."
- MERRILL DAVID BEAL, Zoology — "The Occurrence and Seasonal Activity of Vertebrates, in the Norris and Gibbon Geyser Basins of Yellowstone National Park."
- KAY R. BENDIXSEN, Animal Breeding — "A comparison of the Rate and Efficiency of Gain of Swine from Duroc and Red Hamprace Dams when Sired by Duroc and Red Hamprace Boars."
- GARTH J. BLACKHAM, Psychology — "The Diagnosis and Treatment of Children's Personality and Behavior Disorders."
- CHAPIN DAY BRISTOL, Education Administration — "B' Plan Seminar Reports."
- NORMAN R. CANNELL, Speech Correction — "A Study of Principals' Ratings of Teachers Compared to the Teachers' Speaking Ability."
- JOHN R. CHRISTIANSEN, Sociology — "Group Participation among Kane and Piute County, Utah, High School Students in Relation to Personality Adjustment."
- HENRY REDFORD COOPER, Education — "A Study of Supervisory Needs as Expressed by Elementary Teachers of Certain City and County Districts of Utah."
- HALLIE L. COX, Range Management — "Measuring the Consumption and Digestibility of Winter Range Plants by Sheep."
- KENNETH B. CREER, Dairy Manufacturing — "The Effects of Salt Content and Temperature on Eye Formation in Swiss Cheese."
- KENNETH LEE DIEM, Wildlife Management — "A Management Study of the Utah-Idaho Interstate Deer Herd with Special Reference to the Sublett, Black Pine, and East Raft River Mountain Unit."
- GLEN E. DOWNS, Agricultural Economics — "Marketing of Chickens in Utah."
- RAY JUDD DOWNS, Agronomy — "Control of Pheasant Eye as it Affects Yield and Other Related Factors in Winter Wheat."
- WENDELL L. ESPLIN, Industrial Education — "Follow Up Study of Terminal Graduates of Weber College."
- LAVON S. FIFE, Agricultural Economics — "Changes in Agricultural Production and Cash Farm Income in Cache County, Utah, 1909-1949."
- ROSS P. FINDLAY, Education — "Significant Events in the Development of Snow College."
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- PAUL LEON GARDNER, Speech and Drama — "Moliere's 'The Miser'."
- J. MELVIN GLENN, Animal Nutrition — "The Effect on Ewes of Feeding Alfalfa Grown from Plots Fertilized with Varying Amounts of Phosphorus, Trace Minerals, or (and) Manure."
- LEONARD W. GLISMANN, Industrial Education — "A Study of the Craft Activities in Summer Recreation Programs in Relationship to Weber County, Utah."
- ROSS S. HADFIELD, Zoology — "An Investigation Concerning the Incidence and Pathogenicity of *Pentatrachomonas Gallinarum* and Its Relationship to *Histomonas Meleagridis* in Turkeys in Utah."
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- CHARLES HOWARD HENRY, Vegetable Crops — "Factors Determining Fruit Set and Seed Development in Artificially Pollinated Tomatoes."
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- JERRY W. HILL, Wildlife Management — "Life History and Management of the Cache Deer Herd."

- RICHARD L. HUBBARD, Range Management — "Experimental Winter Feeding of Mule Deer Utilizing Both Total Weight Consumed and Feeding Minutes as an Indication of Preference."
- FAUD ZEND IRANY, Political Science — "The United Nations and the Palestine Issue."
- GLEN R. JACKSON, Physical Education — "An Appraisal of Community Recreation in Cedar City, Utah."
- DEWAYNE DELONEY JAY, Industrial Education — "A Measurement of Attitude of Elementary School Teachers Toward a Program of Industrial Arts in the Elementary School."
- ALBERT EARL JOHNSON, Zoology — "Histological study of Rat Adrenal, Liver and Kidney Following Injection of Phosphorus 32."
- JOHN DAROLD JOHNSON, Dairy Manufacturing — "A Comparative Study of Raw, Pasteurized, and Hydrogen Peroxide Treated Milk in the Production of Swiss Cheese."
- SAMUEL ISAMU KAMADA, Psychology — "The Learning of Concepts as a Function of Set and Varying Degrees of Reinforcement."
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- MORRIS M. MILLER, Education Administration — "Social Status of the Male Teacher in the Utah Rural Elementary Schools."
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- HORACE L. MORRILL, Agricultural Education — "Attitudes of School Administrators and Instructors of Vocational Agriculture Toward Post-high School Training in Agricultural Education."
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- DELAMAR PALMER, Speech — "B" Plan Seminar Reports.
- PERRY CLAUDE PATTERSON, Education Administration — "Improvement of Pupil Adjustment in the Carlin Nevada School by the Case Study Technique."
- EDWARD C. PENN, Education Administration — "The Study and Development of a Policy Toward Propoganda in the Schools."
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- REMO J. POLIDORI, Physical Education — "A Study of Boys Gymnasium Clothing Procedures of Class "A" Utah High Schools in Regions One and Two for 1952."

- LILIUO POULTER, Education — "Evaluation of Aspects of the Guidance Programs in the Salt Lake City High Schools; an Opinion Survey."
- ZONA POWER, Education — "Inter-Relationships Among Selected Factors and Achievement in First-Year Typewriting."
- EDWIN V. RAWLEY, Wildlife Management — "Evaluation of Extension Work in Wildlife Management and the Development of a Guide to Wildlife Extension Work in Utah."
- ALBERT FRANK REGENTHAL, Wildlife Management — "An Evaluation of the Creel Census and Car-Fisherman Count on the Logan River."
- RALPH THAYNE ROBSON, Economics — "An Economic Analysis of the Ogden Transit Company and the Transportation Problem in Ogden."
- EUGENE SCOTT SANFORD, Agricultural Economics — "Costs of Marketing Cattle in Utah."
- NARWIN L. SJOBERG, Art — "What is Modern Art?"
- R. L. SMITH, Soil Chemistry — "The Influence of Moisture on the Availability and Utilization of Phosphorus."
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- DONALD W. STILSON, Psychology — "Some Personality Factors Related to the Accuracy of Perception in 'Normal' and 'Abnormal' Individuals."
- DAN WARREN STODDARD, Mathematics — "Solution of a Boundry Value Problem by Use of Laplace Transform."
- NED MARTIN STRINGHAM, Physical Education and Recreation — "Special Techniques Used by Recreation Specialists in Organizing and Conducting Social Recreation Parties."
- DAN F. THOMAS, Physical Education — "A Study of the Changing Emphasis in the English School System."
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- HARRY LAVERE THURSTON, Physical Education — "B" Plan Seminar Reports.
- RONALD J. TIPPETS, Physical Education — "A Study of Intramural Sports in High Schools of Twenty-Four Southern Idaho Counties."
- TERREL REYNOLDS TOVEY, Agricultural Engineering — "The Consumptive Use of Water in Milford Valley, Utah."
- GLEN E. TRACY, Education Administration — "The Extent of Change in the Idaho Local School System in Terms of the Recommendations of the Idaho Education Survey Commission of 1945-46."
- LOVELL J. TURNER, Education — "A Comparative Survey of the Transported and the Non-Transported Students in the Burley High School, Class of 1951."
- JAMES DONALD WADSWORTH, Industrial Education — "B" Plan Seminar Reports.
- BEATRICE B. WALKER, Psychology — "Parent-Child Relationships in the Etiology of Schizophrenia."
- DAVID RUDGER WALKER, Horticulture — "Foliar Versus Soil Application of Nitrogen to Peach Trees."
- ROBERT E. WARNOCK, Agronomy — "The Iron Content of Some Plants as Influenced by Conditions Associated with Lime-Induced Chlorosis."
- ERNEST HAROLD WHITCOMB, Animal Nutrition — "The Effects of Feeding Protein, Phosphorus, and Energy Supplements to Ewes on the Winter Range."
- WALTER HERBERT ATKINSON WILDE, Entomology — "The Effects of Temperature and Light on Mass Rearings of Colledonus geminatus (Van D.)."
- KENNETH E. WOLF, Wildlife Management — "Some Effects of Fluctuating and Falling Water Levels on Waterfowl Production."
- PATRICIA WOOD, Foods and Nutrition — "Ascorbic Acid and Glucose and their Relation to Rheumatic Fever in Utah: Their Relation to Dental Caries Incidence in Idaho."
- JOSEPH T. WOOLLEY, Plant Physiology — "The Etiology of Apricot Scorch."
- G. FRANK RAYMOND, Education Administration — "Revenue Trends in the Public Schools of Utah—1847 to 1950."

DOCTOR OF PHILOSOPHY DEGREE

- CHONG-HUNG ZEE, Irrigation and Drainage Science — "The Use of Combined Electrical and Membrane Analogies to Investigate Unconfined Flow into Wells."

CANDIDATES FOR THE HONORARY DOCTOR'S DEGREE

William R. Palmer

William R. Wallace

Dear Friends and Visitors for Commencement 1952:

The Utah State Agricultural College gratefully acknowledges many gifts and grants of cash and materials for research, scholarships and other restricted and unrestricted uses during the year 1951-52. All of the gifts will be utilized to expand the services of the institution and for aid to worthy students. Building Utah State builds Utah and extends our service to the nation. We welcome all of our donors as partners in this great humanitarian effort. Your faith in the college is a testimony for even greater service.

Yours truly,
Louis L. Madsen
President

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(Total \$1954.75)

Restricted Gifts and Grants

Claypool Gift, Research and Scholarships in Agriculture	\$1500.00	
Dormitory—USAC, Heber C. Sharp and Nick Zelenick	52.00	
Furnishing for Student Union Bldg., USAC, Harold W. Dance	5.00	
Judge J. A. Howell, Ogden, Utah, for construction of entrance to Howell Field Station	1500.00	
Gifts to Library, USAC	259.00	
Aldous, Tura M.	Fitzgerald, Paul R.	Pugley, Rex R.
Geddes, Jos. A.	Hendricks, King	Purdy, David J.
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Lions Club Gift for International Youth Exchange Program	1900.00
National 4-H Club Congress	3050.00
Snow College, Lawrence W. Jones	10.00
Utah Dairy Industries for developing IBM procedures for recording and reporting DHI cow testing production and breeding records:	
Utah Dairy Industries	1858.08
Cache Valley Breeders Association	1000.00
Utah Oil Refining Co. for 4-H Club Tractor School	800.00
Utah Tuberculosis & Health Association for the Health Education Conference	250.00
Total	\$12,184.08

Donors of Scholarships

American Society of Civil Engineers, Student Chapter, Bridge load guessing contest scholarship (Agathon) donated by J. E. Christiansen, R. K. Watkins, A. B. Kemp, R. D. Child, M. J. Greaves	\$ 25.00
Amerian Society of Tool Engineers Chapter No. 85 2 scholarships	200.00
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Associated General Contractors, for 2 scholarships in the School of Engineering	250.00
Baugh, Lieutenant Clyde Parker, Scholarships 6 Scholarships	450.00
Borden Company Agricultural Award	300.00
Burpee, W. Attlee, Company 1 Scholarship in Horticulture	100.00
Burpee, W. Attlee, Company 1 Scholarship in Vegetable Crops	100.00
Carlisle, Edward C., Co. 2 Scholarships for graduates of Snow Branch to attend the USAC	200.00
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Ogden Grain Exchange for 2 Research Assistantships in the field of Cereal Breeding	1200.00
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Robinson, Louisa Y., National Woman's Relief Society Scholarship	100.00
Ryberg, Eric W. Memorial Scholarship in Business Management sponsored by Eric C. and Maridean M. Ryberg. 1 Scholarship	200.00
Ryberg, Eric W. Memorial Scholarship in the School of Engineering sponsored by Utah Sand and Gravel Products Corporation	200.00
Scholarship for selection of name for Utah State's Educational Fair, provided by Central Committee	100.00
Sears Roebuck Foundation Scholarships 25 @ 100. and 1 @ 200.	2700.00
Sears Roebuck Foundation Scholarships 1 Scholarship in Home Economics	200.00
Socony—Vacuum Oil Company, General Petroleum Corporation Geology Scholarship	750.00
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Tribune-Telegram Scholarship for journalism	200.00
Union Pacific—Carl Raymond Gray Scholarships 4-H 16 Scholarships	1600.00
FFA 16 Scholarships	1600.00
Utah State Farm Bureau—Leadership Award	200.00
Utah Congress of P. T. A.	100.00
Virginia Dare Extract Company Award 2 Scholarships	50.00
Wadsworth, J. Donald, Scholarship and the Lincoln Foundation 2 Scholarships	150.00
Total 120 Scholarships	<u>\$14,800.00</u>

Research Grants

Amalgamated Sugar Comany for research on soil, water and fertilizer Problems in relation to sugar beet production	\$2000.00
American Cancer Society—Damon Runyan Memorial Fund for Cancer Research for genetic and cytological analysis of Tumorous head in Drosophila Melanogaster	2300.00
American Dairy Association for Study of milk Distribution	800.00

American Dehydrators Association for research on supplementary feeding of range sheep	2000.00
American Potash Institute for fertilizer research	500.00
American Smelting and Refining Company for renewal of insect records on file in Zoology Department	75.00
Argonne National Laboratory for neutron energy measurements	5000.00
Bureau of Land Management for research on Halogeton	2000.00
Collard, C. A., Rambouillet Sheep Breeding	375.00
Columbia—Geneva Steel Division, U. S. Steel Company for research on fluorosis and studies on the effect of fluorine on calves	106,900.00
Cooperative League of U. S. A., to study patterns among American Cooperatives	4800.00
Corneli Seed Company for research in onion and lima bean breeding	300.00
Fertilizer Industry Committee Fund, Study Availability of Phosphorus and its relation to moisture	3500.00
Julius Hyman & Company, Denver, Colorado, for research on causes and prevention of Bee losses in Utah	1000.00
International Minerals and chemical Corporation for research on nutritive value of range plants and interrelationship between composition of soil and plants and nutrition of animals and man	3000.00
Kennecott Copper Corporation for application of mineral products to agricultural purposes and for improvement of Rambouillet sheep	50,000.00
National Wildlife Federation for research in pheasant management	900.00
Northrup King and Company for research in vegetable seed production	500.00
Sugar Research Foundation, Inc. for research on effect of feeding sugar on dressing percentage and quality of slaughter animals	4000.00
Swift and Company, Dairy and Poultry Division in support for work on Turkey Synovitis	100.00
University of Wisconsin, Alfalfa Breeding	300.00
U. S. Atomic Energy Commission for study of Chlorosis and other minor element deficiency diseases	7560.00
U. S. Atomic Energy Commission for research in Animal reproduction	4200.00
U. S. Atomic Energy Commission for research in Animal reproduction	6030.00
U. S. Dept. Agriculture, Western Regional Laboratory, for study of quality of fresh peas as affected by maturity	4750.00

U. S. Dept. Interior, Bureau of Reclamation, study Methods and Costs of lining Canals	5200.00
U. S. Dept. Interior, Bureau of Reclamation, Weber Basin Survey	3500.00
U. S. National Institutes of Health for research on use of new insecticides and the subsequent use of treated farm products in the feeding of animals	16,740.00
U. S. Public Health Service Fund for research on toxicity of insecticides	14,000.00
U. S. Smelting and Refining Company for study of Chlorosis	1200.00
Utah Bankers Association for research on leg weakness in turkeys (staphylococcosis)	1500.00
Utah Fish and Game Commission for research in wildlife management	7500.00
Utah-Idaho Sugar Company for research on soil, water and fertilizer problems in relation to sugar beet production	2000.00
Utah Scientific Research Foundation, increase in revolving fund for research and development	22,000.00
Utah Turkey Federation for research on leg weakness in turkeys (staphylococcosis).	1200.00
Utah Wildlife Federation for research in pheasant management	300.00
Velsicol Corporation, Chicago, Illinois, for research on control of Alfalfa Insects	1400.00
Weber Basin Conservancy District, Snow Survey	85.00
Wildlife Management Institute for research in game management	2950.00
Total	<u>\$292,465.00</u>

Donors of Materials for Research

American Cyanamid Company New York	DOW Chemical Company, Midland, Michigan
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The college is also grateful to the many Supply and Equipment Companies who have contributed supplies and equipment for demonstrations and research.

Summary

Unrestricted cash donations	\$ 1,954.75
Restricted gifts and grants	12,184.08
Scholarships and awards	14,800.00
Research grants	292,465.00
1951-52 Total for Research and Development	<hr/> \$321,403.83