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## Utah State University Commencement, 1979 – Main Campus

Utah State University

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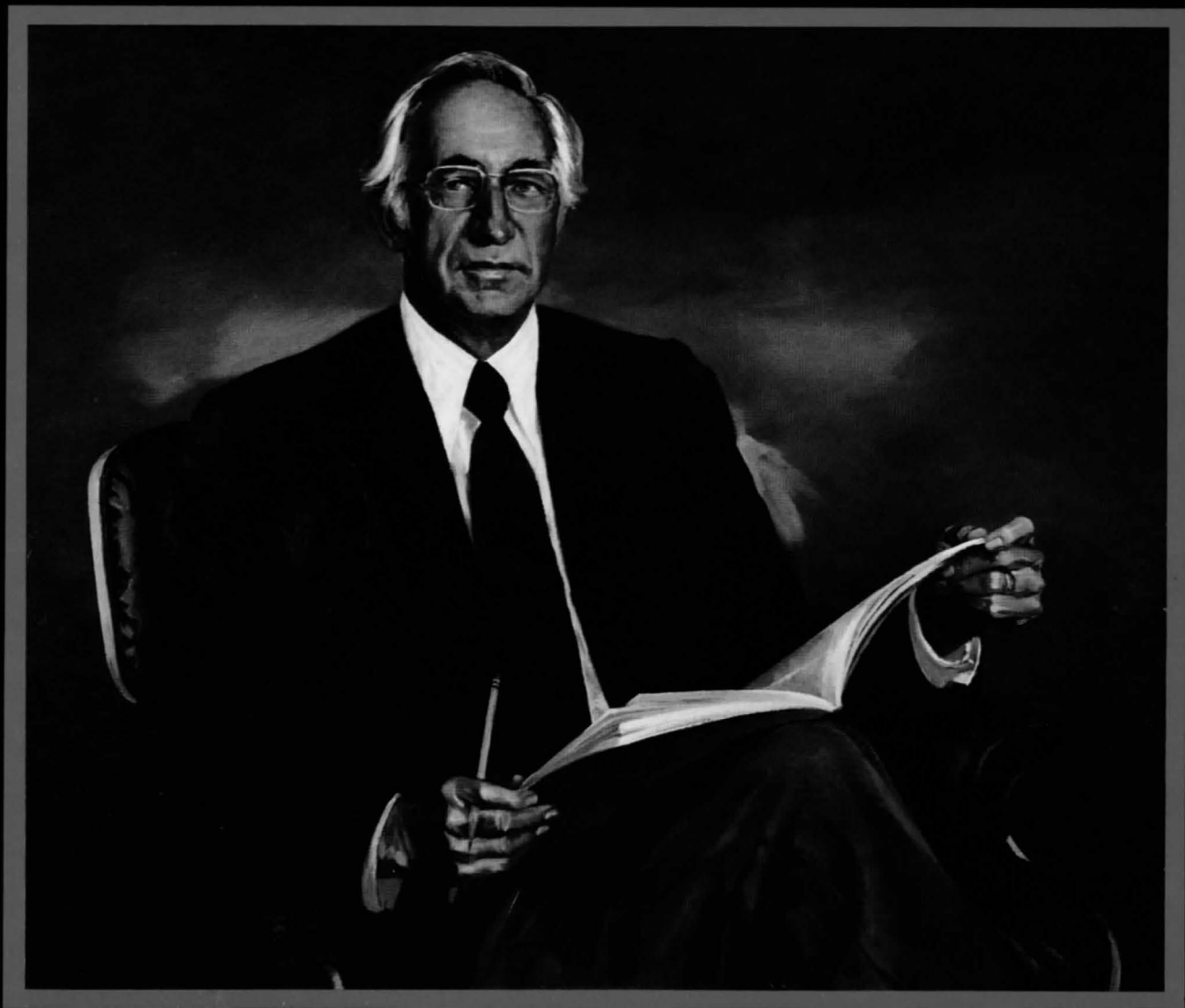
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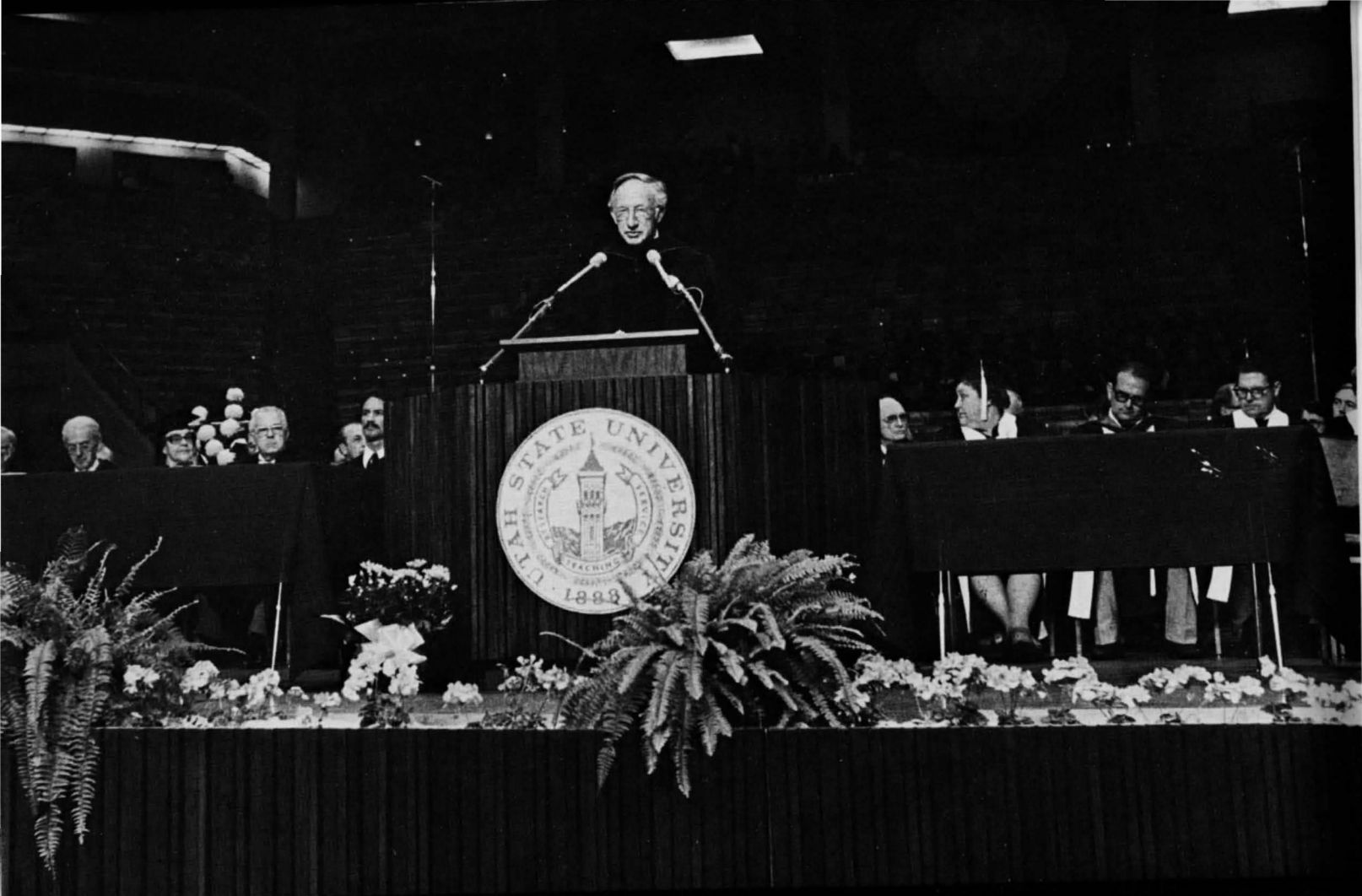


DR. GLEN L. TAGGART  
PRESIDENT, 1968-1979

UTAH STATE UNIVERSITY  
EIGHTY-SIXTH ANNUAL

*Commencement Ceremonies*

SATURDAY, JUNE 2, 1979  
THE SPECTRUM



Photos courtesy The Deseret News



# COMMENCEMENT 1979

## FRIDAY, JUNE FIRST

### Reception

For all graduates, their families, and friends, 4:00 p.m., University Center Sunburst Lounge

### Baccalaureate Smorgasbord

5:30 p.m., University Center Ballroom

### Francis Winton Champ Carillon Concert

6:30 p.m., Linda Purnell, Carillonneur

### Academic Procession

7:30 p.m., Old Main to Spectrum

### Baccalaureate Services

8:00 p.m., Spectrum

### Reception

Honoring President Emeritus and Mrs. Glen L. Taggart, Tanner Fountain Plaza, following Baccalaureate

## SATURDAY, JUNE SECOND

### Francis Winton Champ Carillon Concert

7:30 a.m. LaRue Gee, Carillonneur

### Academic Procession

8:30 a.m., Old Main to Spectrum

### Commencement Ceremonies

9:00 a.m., Spectrum

### College Graduation Ceremonies, 11:30 a.m.

College of Agriculture, George Nelson Recreation Center

College of Business, Main Auditorium

College of Education, Chase Fine Arts Center, Kent Concert Hall

College of Engineering, Chase Fine Arts Center, Auditorium

College of Family Life, Logan Sr. High School Auditorium

College of Humanities, Arts and Social Sciences, Spectrum

College of Natural Resources, Amphitheatre

College of Science, University Center Ballroom

### Commencement Picnic Luncheon

12:30 p.m., Quadrangle

### R.O.T.C. Commissioning Ceremonies

2:00 p.m., University Center Auditorium



CREDITS: Photographs by A. L. "Ted" Hansen, interior artwork by Glen Edwards, color paintings by Harrison Groutage.

# BACCALAUREATE

Friday Evening, June 1, 1979

8:00 p.m.

ACTING PRESIDENT R. GAURTH HANSEN, *Conducting*

## PROCESSIONAL

*Coronation March* from "The Prophet" . . . . . Giacomo Meyerbeer  
University Symphony Orchestra

## INVOCATION

Kenneth W. Carr  
President, Associated Students (1977-1978)

## WELCOME

R. Gaurth Hansen  
Acting President, Utah State University

## MUSICAL SELECTION

*The Hebrides Overture* (Fingal's Cave), Op. 26 . . . . . Felix Mendelssohn  
University Symphony Orchestra  
Isaac Ostrow, *Conductor*

## SERMON

Marion D. Hanks  
First Quorum of the Seventies  
Church of Jesus Christ of Latter-day Saints

## MUSICAL SELECTION

*Songs of a Wayfarer* . . . . . Gustav Mahler  
1. Wenn mein Schatz Hochzeit macht  
2. Ging heut' morgen Uber's Feld  
3. Ich hab' ein glühend Messer  
4. Die zwei blauen Augen  
University Symphony Orchestra  
Isaac Ostrow, *Conductor*

## BENEDICTION

Cynthia Farr Bylund  
Vice President for Special Projects, Associated Students (1977-1978)

## RECESSIONAL

*Coronation March* from "The Prophet" . . . . . Giacomo Meyerbeer  
University Symphony Orchestra  
Isaac Ostrow, *Conductor*



# GRADUATION

Saturday Morning, June 2, 1979

9:00 a.m.

ACTING PRESIDENT R. GAURTH HANSEN, *Conducting*

## PROCESSIONAL

*Grand March* ..... Percy Fletcher  
University Symphonic Band  
Max F. Dalby, *Conductor*

## NATIONAL ANTHEM

*The Star Spangled Banner* ..... Sir Francis Scott Key  
University Symphonic Band

## INVOCATION

Eric Smart  
Recipient, University Citizenship Award

## MUSICAL SELECTION

*Marche Hongroise-Rakoczy* ..... Hector Berlioz  
University Symphonic Band  
Max F. Dalby, *Conductor*

## REMARKS

Honorable Scott M. Matheson  
Governor, State of Utah

## ADDRESS TO GRADUATES

Glen L. Taggart  
President Emeritus, Utah State University

## MUSICAL SELECTION

*O How Amiable* ..... Ralph Vaughan-Williams  
Combined University Chorus, Chorale and Symphonic Band  
Marshall Hill, *Conductor*

## CONFERRING OF DEGREES

R. Gaurth Hansen  
Acting President, Utah State University

## MUSICAL SELECTION

*Alma Mater Hymn* ..... Theodore M. Burton  
University Symphonic Band  
Max F. Dalby, *Conductor*

## BENEDICTION

Tamara Trimble  
Recipient, University Citizenship Award

## RECESSIONAL

*Regal Procession* ..... Clifton Williams  
University Symphonic Band  
Max F. Dalby, *Conductor*



## HONOR GRADUATES

The quality of performance in academic work enables the following to be graduated with distinction. Those who have met residence requirements and have maintained a grade point average of 3.80 to 4.00 are graduated Magna Cum Laude; those whose average is 3.50 to 3.79, Cum Laude.

### MAGNA CUM LAUDE

Robert G. Adams  
 Ross Roundy Allen, Jr.  
 Bobette Cardwell Anderson  
 Sharon J. Anderson  
 Lawrence Donald Baeder  
 Ara Lee Willes Bennett  
 Kent Harris Black  
 Reed John Blau  
 Kendall Brough  
 Jan J. Bryner  
 Geneva Shortridge Buys  
 Jeffrey Holt Call  
 Kevin Scott Carter  
 Donna E. Cesan  
 Pamela Louise Christie  
 Laurel L. Cole  
 Nadine Hall Cox  
 Irma C. Crapo  
 Carol Lynn Cremer  
 Paula Robin Cummings  
 Wesley Roger Curtis  
 Kresha Ann Dunham  
 Marcella Dupler  
 Oka I. Ebin  
 Bruce E. Engelby  
 Cheryl Ann Farnes  
 Shauna Fuhriman  
 Carol Jean Funk  
 Lisa Ann Godzac  
 Nancy Ann Wadsworth  
 Griffin  
 Karen Hall  
 Lee Reed Hall  
 Kathy Louise Hansen  
 Michelle Hansen  
 Robert J. Hays  
 Georgia Hayes Hier  
 Daniel Paul Jacobs  
 Collette Wright Jeppsen  
 Janice Johnson  
 Kimberley Judd  
 Linda Ann Kaiser  
 Kenneth H. King  
 Christine Lynn Langdon  
 Steven Jay Lucas  
 Gary H. Lundstrom  
 Corinne Mantle-Bromley  
 Lloyd H. Marchant  
 Debra H. Mays  
 Loyann McArthur  
 Charlotte Middlebrooks  
 Michael K. Minnerath  
 Amy Ruth Morton  
 Leslie C. Nelson  
 Jeffrey Neumann  
 Cynthia Peterson Nessen  
 Denise P. Nyby  
 Daniel P. Ostermiller  
 Norma Carol Ostlie  
 Jean Anne Peirce  
 Joan Penrod  
 Karen W. Peterson  
 Lorraine Peterson  
 Joseph Leslie Preslar  
 Ann Marie Pryich

Karen Lee Pugliesi  
 Lex L. Puffer  
 Marilyn Allen Pulsipher  
 Linda Jean Purnell  
 Margaret Bell Raitt  
 Kathleen Richards  
 Cindy Robinson  
 John Christopher Roth  
 Wes O. Sakaguchi  
 Isis Sanchez  
 Richard D. Sanders  
 Robert Glen Sandlund  
 Clarence Jake Sandoval  
 Paul A. Sivley  
 Steven R. Skabelund  
 Susan Lee Skelton  
 Akiko Segi Smith  
 Christopher Edward Stein  
 Theodore Telisak  
 Scott Thrasher  
 Tamara Trimble  
 Deborah M. Berquist Veharr  
 Susan Ann White  
 Blaine Whiting  
 Rochelle A. Whitlock  
 Mui Tong Yip  
 Judy Johnson Zimmer

### CUM LAUDE

Ken S. Aamodt  
 Chuckwuma Smart Ahanonu  
 Gloria N. Alger  
 Alan S. Allred  
 Ruth Ann Israelsen  
 Andersen  
 Ellen Jean Anderson  
 Henry Christian Anderson  
 Steven R. Anderson  
 Vicki Lacalzi Atkinson  
 Carol Hammond Bailey  
 Michael L. Bailey  
 Daniel K. Baird  
 Pamela Suzanne Ballam  
 David L. Barnes  
 Richard D. Barrett  
 Barbara Ann Bartlett  
 Don B. Bass, Jr.  
 Vicki Bennett  
 Julie Ann Bentley  
 Heidi Bergstrom  
 Frederick T. Bertolaet  
 Elton C. Bingham  
 Grant W. Boehme  
 Geraldine Taylor Botwinick  
 Randy M. Brady  
 Nathan H. Braegger  
 Cynthia Pullman Brinn  
 Robert L. Brinn  
 Duane Steven Brown  
 Kevin Burtenshaw  
 Dan W. Burton  
 Cynthia Campbell  
 Mary F. Canfield  
 Margaret Marchione  
 Carpenter



Cynthia F. Christensen  
Earl Cleve Christiansen  
Gregory Cisco  
Margaret Ann Clark  
Jill Clause  
M. Christopher Colton  
Nancy L. Cookson  
Daniel P. Corrigan  
Willie Cragun  
Cathryn Crookston  
Merrill L. Crosbie  
Barbara Jean Culpepper  
Dana Sue Datwyler  
Patricia Sue Daughters  
Brian Davis  
Cheryl Lynn Day  
Leslie Decker  
Michele Lynn Dennis  
Pamela Ann Duncan  
Daniel V. Eastmond  
Joan Eberhardt  
Eric H. Edwards  
David William Emerson  
Chad Fife Emmett  
Robert A. Englert  
Steven Lynn English  
Carol Ann Enix  
Barbara C. Farnes  
Beth Finch  
Jack Wayne Fletcher  
Dawn Elizabeth Floyd  
Stephen Andrew Flynn  
Maree Meyer Funk  
Barbara Gerr  
Amy Louise Gilsdorf  
Della Margaret Ging  
Nancy Ann Gleave  
Cordell C. Glen  
Laura Jane Grant  
Alan F. Green  
Kendrick Don Greer  
Jolene Durrant Griffiths  
Tracie Lyn Hansen  
Denise Harper  
Majorie Hart  
Tamara Lynne Hart  
LaDawn Haws  
Michelle Hazen  
Jillair Joy Henrie  
John Hernandez  
Janie Higginson  
Kenneth F. Hinds  
Rori Horlacher  
Walter Daniel Horton  
Jodee Howell  
Julie Hubbard  
Martin L. Hudson  
Aileen Prince Huff  
Cynthia Huggins  
Gordon A. Hullinger  
Carl Johnson Hurst  
Debra Jean Hyde  
Lyle R. Jackson  
Pamela Jorgensen Jensen  
Stewart Wayne Jensen  
Leslie K. Jessop  
Bradley K. Johnson

Kristine Johnson  
Rosemarie Miller Johnson  
John Lorin Jolley  
Thomas James Keck  
David Alan Kessler  
Laura Kleinman  
David Robert Klinner  
Kraig Alan Klungness  
Darrell Knudson  
Patrice S. Kurz  
Simone Marie Larson  
Dean Mahonri Lester  
David R. Lewis  
Alma Patricia Lizcano  
John Walter Loomis  
Brito Ricardo Lopes  
Rexanne Mackay  
Kristi L. J. McCarthy  
Mary E. McDonough  
Shelia J. McKay  
Luann Stitch McKibben  
Deborah Sue McNeeley  
Melody Mecham  
Cammille Meifu  
Kevin H. Merkley  
Chad Lynn Merrell  
Bret C. Miley  
Steven Milovich  
Barbie Gae Miller  
Barry Kim Miller  
Rose Anna Miller  
Bruce Hall Monson  
James O. Moore  
Dale M. Mortimer  
David W. Moyle  
John K. Nelson  
Lynette B. Nelson  
Lisa C. Nielsen  
Gregory R. Noyes  
Chad Panting  
Stuart Parkinson  
Rita M. Paschke  
Harold Pastore  
Eldon Petersen  
Gary B. Petersen  
Edwin T. Peterson  
Stephen J. Plowman  
Dean A. Pope  
Stan J. Rees  
David Jay Rhees  
Wendy Rich  
Janice Gay Richardson  
Ruth Ann Roach  
James L. Robinson  
Randy J. Robinson  
Susan M. Robinson  
Karen Rosenberg  
Keith S. Roskelley  
John Daryl Rowe  
Kurt Frederic Ruppel  
Floyd Grant Salisbury  
Steven Scott Salisbury  
Mohammad Reza Savabi  
Susan M. Phelps Saunders  
Dawn R. Schau  
Dee Lynn Seamons  
Dorothy A. Sharp

Sheila Ann Showell  
Eric V. Smart  
Gary B. Smith  
Scott Smith  
Victoria Rowe Sorensen  
Connie Cook Southam  
Gary Spackman  
Debra Ann Spensko  
Vickie Jean Stainbrook  
Christine R. Starr  
Martin D. Steed  
Sally Steed  
Glenna Dolar Steiner  
Kathy R. Stephens  
Joan Marie Stewart  
Rocky Stone  
G. Steven Sullivan  
Richard P. Summers  
Douglas K. Swim  
Leanne P. Talbot  
LeAnne Tarbet  
Gleanne Shields Taylor  
Robin Terry  
Terri Thackery  
Robert P. Thurston  
Julie Ann Tominaga  
Scott P. Tripp  
Scott W. Vandyke  
Raymond T. Visser  
Laurie Clair Waagen  
Mark S. Wagner  
Donna Lynn Walker  
Carol Warren  
Cynthia Ann Weight  
Marilyn Welch  
Bradley E. Wellington  
Gloria Wennergren  
Wendy Sue Western  
Renee Poulson White  
Mary J. Wilding  
Brenda J. Wilson  
Dee Winward  
Lamar J. Winward  
Daniel Witbeck  
John Frederick Wittman  
Gordon Marc Young  
Dennis Edward Zabinski  
Peter J. Zander

## **SPECIAL HONORS AND CERTIFICATES**

### **VALEDICTORIANS**

A valedictorian has been selected by each college of the University. Addresses will be delivered at the College Graduation Ceremonies. Valedictorians are as indicated:

College of Agriculture  
Scott Thrasher  
College of Business  
Fred D. Essig  
Bruce McMurdie  
College of Education  
Janice Johnson  
Susan White  
College of Engineering  
Jeffrey Neumann  
College of Family Life  
Tamara Trimble  
College of Humanities, Arts and  
Social Sciences  
Karen Lee Pugliesi  
College of Natural Resources  
Christopher Edward Stein  
College of Science  
Ross Roundy Allen, Jr.

### **UNIVERSITY CITIZENSHIP AWARDS**

Presented annually to the senior man and woman graduates who best portray high traits of character, scholarship, and citizenship.

Tamara Trimble  
Eric V. Smart

### **HONORS PROGRAM GRADUATES**

Tim D. Graves  
Denis Keogh  
Alva Mackay  
Kurt Ruppel

### **CERTIFICATES IN INTERNATIONAL RELATIONS**

Steven R. Anderson  
Gary R. Evens  
Kenneth R. Harmon  
Masaniko Matsuoka  
Carl M. Murray  
James A. Quintanilla  
Scott B. Walker

### **RESERVE OFFICERS TRAINING CORPS**

#### **MILITARY SCIENCE**

Graduates presented a Commission as Second Lieutenant, United States Army:

Frank L. Franklin  
Wade L. Hancey  
Mark E. Lindquist  
Mary J. Lindquist  
Richard A. Vernon

#### **AIR SCIENCE**

Graduates presented a Commission as Second Lieutenant, United States Air Force:

Jeffrey L. Brummett  
Steven J. Butler  
William A. Crocker  
Lavon T. Farnsworth  
Brent R. Hathaway  
Thomas F. Henderson, III  
David M. Hooper  
Robert S. McNabb  
Michael K. Seely  
Craig D. Sorensen  
James J. Tschudy, II  
Laurens S. Waymouth, II  
Richard E. Werling

## THE ACADEMIC PROCESSION

President  
 State Board of Regents and  
 State Board of Education  
 University Institutional  
 Council  
 Official Guests  
 Honorary Degree Recipients  
 University Administrative  
 Officers  
 Faculties of the Various  
 Colleges  
 Candidates for Graduate  
 Degrees  
 Candidates for Baccalaureate  
 Degrees

### DRESS

The wearing of academic costume by faculty and student participants at the 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 of those who actively participate in 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. The gown worn by a MASTER has 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.

### COLORS

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

Agriculture	Maize
Business	Drab
Education	Light Blue
Family Life	Maroon
Engineering	Orange
Humanities, Arts, and Social Sciences	White
Natural Resources	Russet
Science	Gold-Yellow
School of Graduate Studies (EdD, PhD)	Gold

## HONORARY DOCTORAL DEGREES



**JAMES HAROLD CLAWSON**  
*Doctor of Business Management*

James Harold Clawson entered Utah State University in 1919 and majored in accounting, economics and marketing. He went on to Harvard Graduate School of Business, and was 10th in a class of 400 when he received his MBA.

In 1922, he became a travelling auditor for Stone and Webster, a utility engineering company. In 1927, he began a 50-year association with Puget Sound Power and Light Company, becoming president, chairman of the board and chief executive officer.

In 1953, he joined M. L. Bean in Pay'n Save Corporation, which grew from one store to a chain of drug, hardware, clothing, nursery and sports goods stores serving most of the Western states, Alaska and Hawaii. He has been a director since 1956. He is also a director and member of the executive committee of KIRO Radio and Television, serving the Seattle area.

He has been active in civic, church, professional and trade organizations and his qualifications have pulled him into economic missions to Japan, Hong Kong, and the Philippines, plus a technical power planning assignment in Iran.



**ROBERT HENDRY DAINES**  
*Doctor of Science*

Robert Henry Daines served 41 years as a professor and researcher at Rutgers University, retiring at age 70 as a Merit Professor, the highest rank given at the institution. A pioneer in the study of air pollution, he was one of the first scientists in America to investigate the effects of pollution on vegetation. His research in the 1940's dealing with air pollution on farm crops laid a foundation that helped science to understand this new enemy and brought him wide recognition.

Through his research, writing and involvement in professional organizations he added considerably to the storehouse of knowledge on such crops as peaches, apples and sweet potatoes.

He developed new fungicides and did research that was instrumental in getting ethyl lead out of gasoline. He conducted seminars on pollution to agricultural groups and associations in many nations, testified before the U.S. Senate and was invited by the White House to participate in the signing of federal air pollution legislation.

A graduate of USU with bachelors and master's degrees, he received his Ph.D. at Rutgers.



**MARION D. HANKS**  
*Doctor of Humanities*

Marion D. Hanks, a member of the presidency of the First Quorum of the Seventy of the Church of Jesus Christ of Latter-day Saints, has had a lifelong interest in America's young people.

He served on the President's Citizens Advisory Committee on Children and Youth, and on the President's Council on Physical Fitness and Sports. In 1978 he was presented the Distinguished Service Award of the President's Council.

Elder Hanks serves as a member of the National Executive Board of the Boy Scouts of America. In 1973 he was presented the first honorary award of the National Eagle Scout Association in recognition of his distinguished service to scouting.

Among his civic services, Elder Hanks currently serves on the Board of Trustees of Brigham Young University and the Church Board of Education, and is a member of the Snow College Institutional Council.

He is director of the LDS Church Military Relations Department and has served as director of the Youth Program of the church, worldwide.

Elder Hanks holds a Juris Doctor degree from the University of Utah.



**LOUIS L. MADSEN**  
*Doctor of Science*

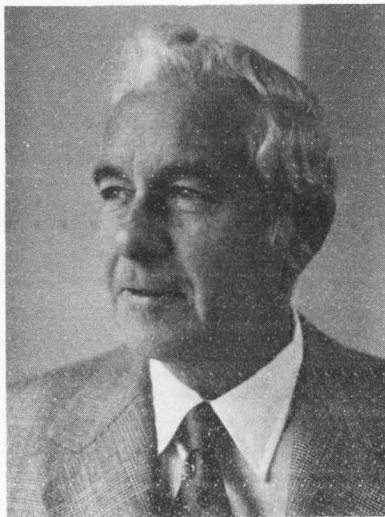
Louis L. Madsen's career in agriculture spans nearly 50 years and his influence has been felt from coast to coast. As a USU student he was a charter member of Alpha Zeta, the national agricultural honorary fraternity, of which he was to become high chancellor later in his career.

Graduated in 1930 as valedictorian at Utah State, he returned 15 years later as head of the Department of Animal Husbandry. He brought a reputation for integrity and diligence earned from doctoral work at Cornell, a post-doctoral fellowship at Columbia and as a nutritionist with the U.S. Department of Agriculture.

In 1950 Dr. Madsen became the eighth president of Utah State, serving for three years before returning to USDA.

He went to Washington State University as director of the Institute of Agricultural Sciences in 1955 and retired as dean of the College of Agriculture in 1973.

Many organizations have presented Dr. Madsen prestigious awards for his contributions to agricultural and natural resources research and conservation and to education.



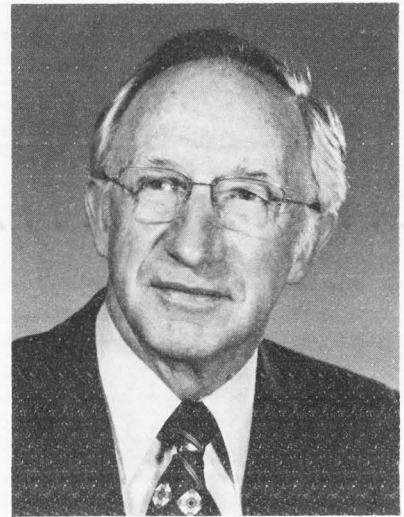
**RALPH W. RICHARDSON, JR.**  
*Doctor of Science*

Ralph W. Richardson, Jr. can look back on a solid professional career contributing to international food production. He retired last year as director of the Division of Natural and Environmental Sciences of the Rockefeller Foundation and continues to make contributions in his professional area as a consultant.

He began his career with Rockefeller Foundation in 1951 in Mexico and worked in that country into the 1960's. His initial assignment was assistant geneticist, but in short order, Dr. Richardson had increasingly significant assignments—geneticist, assistant director, then director of the Mexican Agricultural Program and co-director general, Mexican National Institute for Agricultural Research. His publications over the years reflect his active role in both the technical aspects of agricultural research and in education and seeking ways to implement both in order to meet human needs.

Beginning in 1962, Ralph Richardson served as assistant director, then associate director, then deputy director of Agricultural Sciences for the Rockefeller Foundation. From 1971 to 1978 he was director of Natural and Environmental Sciences for the foundation.

His activities have brought numerous awards and honors in this country and Mexico.



**GLEN L. TAGGART**  
*Doctor of Humanities*

Glen L. Taggart has had a distinguished career in education, government service and foreign relations.

His early government service extended for a period of ten years, beginning in 1943 when he was named rural sociologist for the Bureau of Agricultural Economics, U.S. Department of Agriculture, through 1953 when he was chief of the Technical Collaboration Division of the Foreign Agricultural Service of the USDA.

He joined Michigan State University in 1953 as professor of sociology. In 1956, he was named Michigan State's dean of international studies and programs, and it was that position that he left to become president of Utah State University on July 1, 1968. From 1964-66, he was on leave of absence from Michigan State to serve as vice-chancellor (president) of the University of Nigeria.

As Michigan State's dean of international studies and programs, Dr. Taggart served as a consultant to a number of universities, foundations, and foreign governments, and traveled widely throughout the world.

He is the author of many articles and reports on social relations and international programs.

President Taggart is currently chief, Division of Institutional and Human Resources Development, Board for International Food and Agricultural Development, U.S. Agency for International Development.

## TEACHING EXCELLENCE AWARDS

*Through an extensive selection process involving both students and faculty in the various academic colleges, eight members of the faculty have been designated for special recognition for excellence in teaching.*

*The professors are Ross R. Allen, Theodore W. Daniel, Karen Findlay, Elizabeth Green, Keith W. Hatch, John E. Keith, Ivan G. Palmblad, Warren Phillips.*



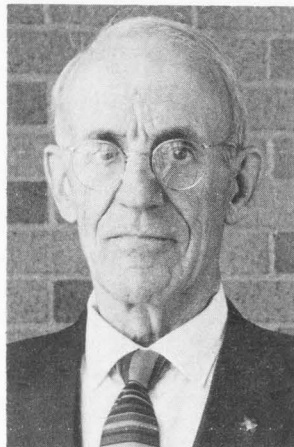
**ROSS R. ALLEN**

Dr. Allen, professor of secondary education, is an educator with an international background, having taught in Britain, Hawaii and Cambodia.

He believes a teacher should expose students to ideas but never impose these ideas on them. Viewing teaching as a creative art, he thinks a teacher succeeds when his students surpass him in knowledge and achievement.

Since coming to USU in 1966 he has worked very closely with the state's public schools and has written books and developed courses to improve the teaching of teachers. Active always, he is involved in many aspects of his community, church and professional life.

He has received his B.S., M.S. and the Ed.D. degree from the University of Utah.



**THEODORE W. DANIEL**

One of this year's forestry students summed it up as it has been summed up by USU students for the last 35 years: "Doc is not an easy professor."

Actually all Dr. Daniel has asked of himself and thousands who have worked in his classes is one thing—perfection. He holds B.S., M.S. and Ph.D. degrees from the University of California at Berkeley.

His influence on American forestry is reflected in his membership in numerous honorary and professional societies and in his publications. But his greatest influence shows through the many students who have accepted his life sentence of working toward perfection. Those who have taken the challenge and moved ahead successfully in the professional arena sum it up this way, "It was in Doc Daniel's classes that we learned to be foresters."

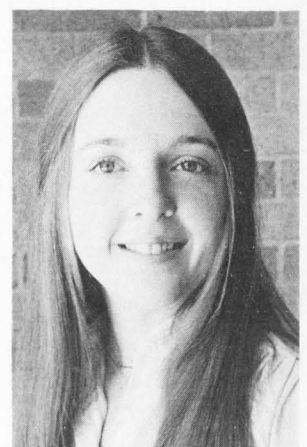


**KAREN FINDLAY**

Mrs. Findlay, instructor of home economics and consumer education, is serving as president-elect of the Utah Association of Vocational Home Economics Teachers. She is also director for the State Board of Vocational Education's "Scope and Sequence" project, 1977-79.

She is a member of the American Home Economics Association and the Utah Home Economics Association, Omicron Nu, Phi Upsilon Omicron, Phi Kappa Phi, and the USU Family Life Council.

Mrs. Findlay teaches several home economics education courses, supervises student teachers, and is involved in planning inservice education courses. Mrs. Findlay consistently receives extremely positive evaluations of her teaching abilities from her students. She earned her B.S. in home economics from the University of Utah and her M.S. from USU.



**ELIZABETH GREEN**

Professor Green, a recognized expert in creative drama for young people, has been instrumental in building enthusiasm for children's theatre throughout the Intermountain region.

She holds the B.A. degree from the University of Florida and M.A. from University of Kansas.

Her productions have toured with the Utah Rural Arts Consortium and the Rocky Mountain Theatre Association. She has given much personal time to helping grade-school children and their teachers produce theatre projects.

Professor Green is known among students for well-prepared classes and for willingness to work with students after classes. She is respected for her ability to balance a heavy teaching and directing load with service to the community.

A former professional singer and actress, Professor Green frequently performs as a soloist.



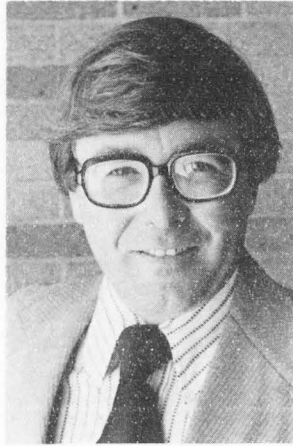
**KEITH W. HATCH**

Professor Hatch and his students in the Department of Agricultural Education's machinery and technology shop put theory into practice as the students prepare for employment in agricultural machinery maintenance, repair and parts merchandising.

In him are combined the qualities of personal concern for people, including each of his students, and mechanical knowledge and ability. Industry assists with the agriculture mechanization curriculum he instructs and acclaims his competence in agricultural mechanization.

Professor Hatch also teaches mechanization to students preparing to teach vocational agriculture in high schools and follows up with yearly up-dating workshops and with practical aids and materials for their use.

Through publications he also extends knowledge for use in the classroom, in machinery dealerships, and on the farm.



**JOHN E. KEITH**

Dr. Keith, assistant professor of economics, is a teacher and researcher who proves it is possible to be productive and excellent in both pursuits.

He began work at USU in 1970 as a research assistant in range science, became a research economist for the Utah Water Research Laboratory in 1972 and began teaching economics in 1975. Known as a demanding teacher who expects high performance, he is praised by undergraduate and graduate students alike for stretching their abilities and imaginations. Though he is very active in research and has published widely he says students come first and his door is always open to them.

He has earned B.S., M.S., M.A. and Ph.D. degrees from Utah State University.



**IVAN G. PALMBLAD**

Dr. Palmblad, associate professor of biology, has been consistently excellent in the classroom since his arrival on the USU campus in 1966.

He received his B.S. degree from Portland State College and Ph.D. from the University of Washington, where he was awarded a predoctoral teaching fellowship prior to his move to Logan.

Dr. Palmblad has been called "an innovative designer of courses that build bridges from biology to other disciplines." He carries the reputation among his colleagues and students for dedication to quality education, and his lectures represent not only the textbook material but personal and timely insights, thoughts and ideas. His students are motivated, involved and challenged by Dr. Palmblad's course.



**WARREN PHILLIPS**

Dr. Phillips, associate professor of mechanical engineering, has earned a reputation among students in the College of Engineering as a demanding and creative teacher.

By setting exceptionally high standards in the classroom and by devoting much time to laboratory and curriculum development, Dr. Phillips has produced some of the best disciplined engineers in the country. His success as a teacher was recognized when he was selected to receive the Western Electric Fund Award for Teaching Excellence.

Dr. Phillips' productivity as a researcher in thermodynamics and heat transfer as applied to solar energy has earned him international acclaim.

Dr. Phillips received B.S., M.S. and Ph.D. degrees from the University of Michigan.

# CANDIDATES FOR GRADUATION

## AGRICULTURE

DOYLE J. MATTHEWS  
DEAN

Adams, Kenneth Deane  
Adams, Robert Gordon  
Akagi, Stanley Tsutomu  
Akinola, Ezekiel Olalere  
Alcorn, Mark Steven  
Anderson, Dale Lamar  
Anderson, David Norris  
Ashmead, Emma Allez  
Banks, Jeffrey E.  
Barber, Thomas H.  
Bateman, Bradley Thayne  
Boehme, Grant William  
Bown, Robert Cecil  
Bown, Scott B.  
Braegger, Nathan Harvey  
Brandenburg, William Eugene  
Broz, Charles J.  
Call, Delbert F., Jr.  
Cammack, Jay Albert  
Cannon, Clarke Dixon  
Cannon, Eric Ryberg  
Christensen, Steven David  
Christiansen, Earl Cleve  
Clark, Gayla Jan  
Clark, Kenneth Daines  
Cooper, Troy Dick  
Corrigan, Daniel Patrick  
Cunningham, Shand S.  
Davis, Darrelyn Oborn  
Drysdale, Robin R.  
Duncan, Michael Wesley  
Dunham, Kresha Ann  
Englert, Robert Anthony  
Espinoza, Frank E.  
Frehner, Creed Darel  
Fukui, Norman G.  
Funk, Carol J.  
Gabrielson, Elaine Beth  
Ging, Della Margaret Rabb  
Hansen, James Raymond  
Hansen, Niels P.  
Hardman, Steven Fred  
Henry, Walter Joseph  
Hepworth, Craig D.  
Hepworth, Len D.  
Howell, Norman Reed  
Hunte, Cyril Kenrick  
Idemudia, Emmanuel  
Jack, Oriki Karibo  
Jackson, Lyle Michael  
John, Byron Lee  
Johnson, Dallan Aldon  
Jones, Jeffery C.  
Klimaj, Robert Raymond  
Koenig, Barbara Ellen  
Lee, David W.  
Lee, Fei Phyllis  
Lizcano, Alma Patricia  
Mazzei, Francisco  
Miller, Kent  
Mohd, Lep Daud  
Mohr, Richard Nielsen

Panting, Chad B.  
Parkinson, Stuart C.  
Pearson, Ronald Trewern  
Peery, Teri  
Petersen, Eldon Noble  
Petersen, Gary B.  
Rawson, Paul Edward  
Redden, Douglas Jud  
Rogalski, Robert Walter  
Sagers, Hal Leon  
Sanchez, Isis  
Sato, Michael Craig  
Seamons, Dee Lynn  
Sharp, Bruce J.  
Smith, Akiko Segi  
Smith, Bradley Kay  
Smith, Frank Joseph, Jr.  
Smith, Scott  
Smyer, Gaylen Lee  
Spencer, Roger John  
Stalcup-Bassler, Dorene Kay  
Stout, Richard D.  
Switzer, Scott Jerome  
Thomas, Dale William  
Thomas, Lane L.  
Thrasher, Scott  
Thurston, Robert Paul  
Tripp, Scott Paul  
Veefkind, Stephen Robert  
Warburton, Michael Gleason  
Weagle, Gary Phillips  
Webeler, Jeffrey Lynn  
Whittier, Jack C.  
Whittle, Bruce Arthur  
Willoughby, Timothy M.  
Winward, Dean Leroy  
Young, Gordon Marc  
Zimmerman, William Edward

## BUSINESS

RICHARD L. SMITH  
DEAN

Adams, Laurie  
Ainge, Timothy Patrick  
Allred, Bruce Hall  
Allred, Leslie Kae Jessop  
Allred, Nadine  
Allsop, Gregory John  
Anderson, David Louis  
Anderson, Scott Kay  
Aoki, John  
Arnold, Carl Jay  
Barrus, Kelvin Jay  
Bearnsen, Bradley  
Beckstrand, Hal M.  
Bell, Douglas Tony  
Bell, Richard Jon  
Bench, Kenneth Reed  
Bennett, Sally Thompson  
Bennison, William M.  
Bingham, Kimberly C.  
Black, Jeanne  
Black, Randy Keith

Blackburn, Lesa  
Bowen, Michael Wayne  
Bowman, David Sidles  
Brewer, Bonnie Bea Robinson  
Brinn, Robert Lee  
Brough, Kendall Grant  
Brown, Carol Lynne  
Brown, Greg G.  
Brown, Russell Boyd  
Browning, David Michael  
Browning, Freddie Leroy  
Brummett, Jeff L.  
Bucey, Linda SueAnn  
Budge, Brian William  
Burrell, Burt Hyde  
Burtenshaw, Kevin Robert  
Bush, Kathryn Ellen  
Buxton, Mark Verl  
Bybee, Tracy  
Calame, Nancy J.  
Calder, Cody Bryant  
Caldwell, Jan Michael  
Campbell, Gary V.  
Carling, Chris D.  
Carlson, Larry Kenneth  
Carr, Ken W.  
Carter, Denise Anne  
Chadaz, Brian Duane  
Chapple, Bruce Arthur  
Chounlamountry, Phanat  
Christiansen, Jerald Michael  
Connell, Jed Edward  
Corrales, Frank, Jr.  
Cowley, Charles B.  
Crane, Michael Mark  
Crofts, Douglas H.  
Dailami, Farshid  
Davis, Gordon Lynn  
Davis, Mark Alan  
Dean Lorl Lin  
Denney, Kevin Doyle  
Derakhshesh, Hamid  
Diepeveen, Randolph John  
Dorr, John Jerin  
Douglass, Cheryl Dene  
Dunford, J. Paul  
Earley, Steven Kent  
Egan, Michael L.  
Elder, Robert Michael  
Emmett, Robert Fife  
Eniang, Stella Richard  
Erickson, Edwin Leon  
Essig, Fred Delmar  
Ezenuwanyi, Patricia Egodi  
Fapohunda, Lucia Iyabo  
Farnsworth, Lavon Taylor  
Faulkner, James William  
Favero, Jeffrey Kent  
Fellows, Michael Gordon  
Fisher, Greg Devar  
Frandsen, Ronald Lloyd  
Frome, John W.  
Fullmer, Eldon Theron  
Gardner, Theron Steven  
Gilgen, Julie Ann  
Goff, Robert J.

Green, Charlyn G.  
Gunther, Kathryn Allison  
Hadfield, Kelly Jay  
Haghighi, Farimah  
Hale, Mindy  
Hall, Ann  
Halverson, Philip Bernard  
Hancey, Wade Lee  
Harris, David Charles  
Harris, Joseph Burt  
Harris, William Fredrick  
Harter, Scott Alexander  
Henderson, Thomas  
Frederick, III  
Herrera, Gloria J.  
Herrick, Cal B.  
Higgins, John Barry  
Hirsch, Leo J.  
Holdaway, Jerry E.  
Holfeltz, Jimmy Craig  
Hopkins, John Robert  
Howell, Jodee  
Howell, Julie  
Huber, JoAnn  
Hurley, Keith Alan  
Jackman, Bradley Jay  
Jackson, R. David  
Jacobs, Lewis Stephen  
Jennings, Dean Arthur  
Jenson, Steven Charles  
John, Randy  
Johndrow, Douglas Paul  
Johnson, Bradley Kent  
Jordan, Andrea L.  
Kaminska, James Roland  
Keele, Milo Thomas  
Keffer, Jeffery Allan  
Keller, Daniel M.  
Keller, Gregg Gordon  
Kelly, Margaret Helen  
Kenney, Peter Lee  
Kosaka, Gary Makoto  
Labrum, Sherrie Lynn Adams  
Larsen, Dee Ann  
Larsen, Lou Ann  
Larson, Brent Call  
Law Kam Man  
Lindquist, Mark Earl  
Logan, Ervin F.  
Longhurst, LeMar  
Lupo, Jack R.  
Maddux, Roy Douglas  
Major, Frank Richard  
Marsh, Jonathon A.  
Mays, Debra Harris  
McComb, Teresa Marie  
McDougal, Craig Lynn  
McMurdie, Bruce James  
McQuivey, Mark Alan  
Miller, Russell William  
Milovich, Steven, Jr.,  
Miya, Edwin  
Monroe, Kay Dix  
Montgomery, Kirsten Marie  
Montgomery, Martin Karl  
Morrissett, Michael David  
Mou, Yeongjinn



Moyle, David W.  
 Muir, Boyd Bruce  
 Muir, Elaine W Parkinson  
 Muir, Roger Ellis  
 Nelson, Robert Clarence  
 Nobata, Toshihiro  
 Norton, Stanley Keith  
 Nyby, Denise Patricia  
 Nye, Kenneth E.  
 Obray, Alan Maughan  
 Olsen, Nancy S.  
 Oman, Gregory B.  
 Ongsakul, Artakarn  
 Pack, Kevin Donald  
 Parker, Jeffrie Russell  
 Peatross, William Chad  
 Peck, D. Jeff  
 Pepperdine, David Craig  
 Perkins, Lorna Kay  
 Peterson, C. Robin  
 Peterson, Marc F.  
 Piggott, Janet Kay  
 Pope, Dean A.  
 Raza, Syed Jamshed  
 Reid, Blair William  
 Reynolds, Robert  
 Richert, Thomas F.  
 Rivers, Pearl Olsen  
 Robertson, Christie  
 Rock, Terry Garth  
 Rodgers, Kenneth W.  
 Rohde, Carol  
 Rowe, Thomas Reed  
 Safdar, Raja Muhammad  
 Saunders, David R.  
 Savelkoul, Sherri L.  
 Schoene, Helen Ruth  
 Seath, Larry Bernt  
 Seely, Michael K.  
 Shurtleff, John Haydn  
 Simkalo, James Joseph  
 Smith, Cindy  
 Smith, Daniel Jay  
 Smith, Danna Lynn  
 Smith, Gary Lynn  
 Smith, Geoffrey Gill  
 Smith, Steven Ralph  
 Snow, Neal Gawain  
 Sorenson, Bradley F.  
 Spence, Gregory Thomas  
 Spencer, Anona  
 Steele, Mike  
 Stephens, Kathy Remy  
 Stevenson, Gary Evan  
 Stockdale, Barbara Sue  
 Suh, Myung  
 Tantikarnjathap, Anong  
 Taylor, Thomas Johnson  
 Thompson, Jon Greg  
 Thornley, Janis  
 Tillotson, Scott Smith  
 To, Kwok Yuen  
 Trease, Norma  
 Trout, Robert K.  
 Tsurumi, Akihiko  
 Underwood, Greg A.

Vincent, Steven Dale  
 Vivithkeoonvong, Amporn  
 vonNiederhausern, Jay C.  
 Waldron, Craig V.  
 Warburton, Lawrence D.  
 Ware, Dennis Nelson  
 Watterson, Scott R.  
 Webb, Gary Nelson  
 Weiss, Stanley Gordon  
 Westcott, Randall Wayne  
 Westermann, Carol L.  
 Williams, John Robert  
 Williams, Richard G., Jr.  
 Williams, Tamara  
 Christoffersen  
 Wilson, Bruce Ramon  
 Winward, LaMar "J"  
 Wisner, Ron Gordon  
 Wong, Denise Harriet  
 Yang, Wen Yu Coria  
 Zenteno, Roxana Miriam

#### TWO YEAR DIPLOMAS

Anderson, Kristy  
 Anderson, Sherry L.  
 Armstrong, Imelda C.  
 Hernandez  
 Bell, Jacqueline Lynnett  
 Bankhead, Nancy  
 Black, Pamela  
 Bradley, Joni  
 Call, Robyn Christensen  
 Clark, Leslie Ann  
 Clifford, Ricky Delbert  
 Eason, Stuart Brian  
 Francis, Jan  
 Gouff, Stacey Jeanine  
 Harry, Elaine  
 Haslam, Shelli  
 Hendricks, Hope  
 Ing, Kim E.  
 Jeffs, Shannon  
 Jones, Carol Dee  
 King, Karen Louise  
 Lee, Sharon D.  
 Lytle, Toy A.  
 Mays, Valarie  
 McLean, Marie Barnard  
 Menlove, Ann  
 Merkley, Brenda  
 Merrill, Melanie  
 Park, Paula A.  
 Peck, Elizabeth A.  
 Perry, Jan  
 Peterson, Steve  
 Stringham, Julie  
 Taylor, Janet  
 Weeks, Jeri L.  
 White, Catherine A.  
 Winward Julie  
 Workman, Louella Jane

## EDUCATION

#### ORAL L. BALLAM DEAN

Ahanonu, Chukwuma Smart  
 Ahlf, Debra Anne  
 Allen, John Randal  
 Altemose, Jack Wallace  
 Andersen, Ellen Jane Garce  
 Anderson, Bobette Cardwell  
 Anderson, Ellen J.  
 Anderson, Henry Christian  
 Anderson, Judy L. Ebeling  
 Anderson, Sharon Jill  
 Anderson, Sherrie Lynn  
 Anderson, T. Gary  
 Andrews, Bonnie Sue  
 Ashby, Holly Robinson  
 Astle, Laurie  
 Atkinson, Vicki Lee  
 Austin, Becky J.  
 Bankhead, Peggy N.  
 Maughan  
 Banks, Lori G.  
 Barnes, Dale Earl  
 Barney, Riley J.  
 Barrett, Venna Hurren  
 Bassett, Brent Edward  
 Behling, Stewart  
 Benale, Wanda  
 Bennett, Christine Buhler  
 Bennett, Ora Lee W.  
 Bennett, Vicki Lee Carlson  
 Bentley, Julie Ann  
 Bezzant, Wendy Kae  
 Bittner, Ann Marie Rosine  
 Black, Kent H.  
 Blau, Lynda Burton  
 Bodrero Karen Reeder  
 Botwinick, Geraldine Taylor  
 Brough, Anne  
 Burdick, Earl Dennis  
 Burt, Kathy Price  
 Burton, Mary L.  
 Buttars, Kim James  
 Buys, Geneva Darlene  
 Shortridge  
 Campbell, Peter Douglas  
 Cannon, Kenneth Holland  
 Carling, Karen J.  
 Carlson, John E.  
 Carpenter, Margaret A.  
 Marchione  
 Carr, Colleen Walters  
 Castleton, Robert McCune  
 Cheney, Barbara Kay  
 Christie, Pamela Louise  
 Boynton  
 Clark, John Clifton  
 Clark, Margaret Ann  
 Costley, Gaye Lynn  
 Cox, Nadine Hall  
 Cragun, Wiley Ezra  
 Crampton, Richard Wyatt  
 Crapo, Irma Christa  
 Cremer, Carol Lynn

Crosbie, Merrill Lawrence  
 Croshaw, Connie  
 Cummings, Paula Robbin  
 Daughters, Patricia Sue  
 Davis, Brian  
 Davis, Charles Edward  
 Deakin, Kathy  
 Dobesh, Jeff G.  
 Duncan, Pamela Ann  
 Dunkley, Kevin Reed  
 Eberhardt, Joan  
 Eddington, Darrell Murri  
 Embry, Debra Heiner  
 Emerson, David William  
 Emmett, Chad Fife  
 English, Steven Lynn  
 Farnes, Cheryl Ann  
 Fellows, Suzanne  
 Ferguson, Deborah Ann  
 Findlay, Kelly C.  
 Fitzgerald, A. Brian  
 Fitzgerald, Marilyn  
 Fletcher, Jack Wayne, Jr.  
 Floyd, Dawn Elizabeth  
 Foote, Devon Warren, Jr.  
 Fuhriman, Shaunna  
 Fuller, Judy W.  
 Funk, Maree Meyer  
 Garrett, Jolene Petersen  
 Geer, Barbara G.  
 Gifford, Kristine Louisa J.  
 Gillman, Lyle Wayne  
 Gilsdorf, Amy L. Rantala  
 Gleave, Nancy A.  
 Godzac, Lisa Ann  
 Graves, Tim D.  
 Gray, Jacklyn B.  
 Griffiths, Jolene Durrant  
 Gurche, Charles Palmer  
 Hall, Anne  
 Hall, Karen  
 Halstrom, Charlyn  
 Hammond, Joann  
 Hansen, Kathy Louise  
 Hansen, Michelle  
 Harding, Silvia Alicia  
 Hardy, Rich S.  
 Haskins, Richard Thomas  
 Hawkes, Kim Wiser  
 Haws, LaDawn  
 Haws, Randall Maples  
 Hayes, Rebecca Ann  
 Hazen, Michelle  
 Heaton, Jonnie W.  
 Heinzman, Arthur Balser  
 Henderson, Linda  
 Hill, Karen Anne Webb  
 Hirase, Steve Kay  
 Hirschinger, Jill Lynn  
 Horlacher, Rori  
 Huff, Aileen Prince  
 Huiatt, Susan  
 Hult, Lavar William  
 Hunter, Antinette  
 Hurst, Carl Johanson  
 Hutchison, Ann  
 Hutton, William Lindsey

Hyde, Debra J.  
 Ivie, Dian  
 Jarvis, Cathi  
 Jensen, Janette E.  
 Jensen, Kirk Douglas  
 Jeppson, Jeri  
 Jex, Sherri Lynn  
 Johndrow, Ann E. Bushak  
 Johnson, Deanna  
 Johnson, Janice  
 Johnson, Jean Rampton  
 Johnson, Jenay Elaine  
 Johnson, Kristi Lynn  
 McCarty  
 Johnson, Roberta Y.  
 Johnson, Rosemarie Miller  
 Johnson, Roy B.  
 Jolley, John Lorin  
 Jones, Carolyn Louise  
 Jones, Kenneth Cecil  
 Jones, Melody Mecham  
 Judge, Eileen B.  
 Jussen, Kristina  
 Kaiser, Linda Ann  
 Kearns, Sandra Marie  
 Keen, Howard Clayton  
 Kelley, Jeri  
 Kimbrough, Tip Gene  
 Lapan, Barbara Ann  
 Larsen, JoAnn  
 Larsen, Verne C.  
 Larson, Simone Marie  
 Lee, Diane B.  
 Lemon, Boyd R.  
 Lester, Dean Mahonri  
 Lewis, Bobbi J. Palmer  
 Lewis, Lori P.  
 Lindquist, Mary J.  
 Long, Carolyn Brown  
 Losee, Susan Bennett  
 Ludwig, Edna Gae  
 Mackay, Rexanne  
 Madsen, Patti J.  
 Malovich, Natalie Jean  
 Mangus, Brenda Lynne  
 Robinson  
 Mangus, Janette Hazel  
 Mann, Allen Shelton  
 Marchev, Maureen Frances  
 Marshall, Kaylene  
 Martin, Johnny B.  
 Martin, L. Bena Morrell  
 Maughan, Stephanie  
 McAfee, Marlene  
 McArthur Loy Ann  
 McCleary Kaylene  
 McDaniel, Rebecca S.  
 McKibben, Luann Stith  
 McNabb, Robert Scott  
 McNeely, Deborah  
 Mendini, Shauna Thelin  
 Menlove, Jodene  
 Mermejo, David R.  
 Merritt, Harold Hugh, Jr.  
 Mervis, Barry M.  
 Miller, Arva Dawn

Miller, Jeanne  
 Mineer, Susan  
 Misialek, Melaine Rose  
 Mitchell, Sherrie Voss  
 Moffitt, Tammara Kay  
 Monson, Bruce Hall  
 Moore, Jolene  
 Morris, Chester Thomas  
 Mortensen, Scott Lynn  
 Morton, Amy R.  
 Nelson, Kathy  
 Nelson, Solveig Judith  
 Nelson, Susan  
 Nessen, Cynthia Petersen  
 Nowers, Marilyn Glenetta  
 O'Brien, Jamalle Alexander  
 Olinghouse Margarita Jo  
 Onyegbu, Reginald Nwaiwu  
 Osborn, Jackie  
 Packer, Blair Wade  
 Pardon, Douglas Jay  
 Peers, Ronald MacDonald  
 Peirce, Jean Anne  
 Pendergrass, Kathy  
 Petersen, Carolyn  
 Petersen, Dewey Claude  
 Peterson, Lorraine  
 Phillips, Margaret  
 Pickall, Toni  
 Pino, John Leonard  
 Pinto, Carlos Ernesto  
 Pitcher, Sharman Edward  
 Pollock, Louise Balk  
 Powaukee, Vivian Sireech  
 Preslar, Joseph Leslie  
 Price, Dan Ray  
 Prymek, Barbara L.  
 Pulsipher, Marilyn Allen  
 Raitt, Margaret  
 Rawlins, J'Lene  
 Redwine, Sherry Kay  
 Rees, Stan J.  
 Reiff, Tracy L.  
 Rex, Faye Norrine  
 Rhees, David Jay  
 Richards, Donetta  
 Richardson, Gary D.  
 Richardson, Janice Gay  
 Riches, Wayne Clark  
 Ricks, Duane Oscar  
 Roach, Ruth Ann  
 Robinson, Cindy  
 Robinson, Susan Marie  
 Rokich, Linda Marie  
 Rordame, Holly R.  
 Rosenberg, Karen  
 Rowe, John Daryl  
 Salisbury, Floyd Grant  
 Sandoval, Clarence Jake  
 Seeholzer, Jeff H.  
 Shirley, Pamela Kay  
 Shorty, James Andrew  
 Showell, Sheila Ann  
 Simmons, Julie Miller  
 Skollingsberg, Gunnar Ebling  
 Smith, Patricia Lynn

Smith, Rebecca L.  
 Soliday, Michael David  
 Sorensen, Randall R.  
 Southam, Connie C.  
 Spencer, Asbalee  
 Spensko, Debra Ann  
 Spraktes, Terri  
 Starr, Chris  
 Steffensen, Jennifer Leslie  
 Steiner, Glenna May Dolar  
 Stephens, Pamela Ballam  
 Stewart, Joan Marie E.  
 Stewart, Nancy Haws  
 Stuart, William J.  
 Sudweeks, Dan Lee  
 Sudweeks, Donald Carl  
 Sugar, Tina Caroline  
 Talbot, Leanne  
 Tarbet, Leanne  
 Taylor, H. Calvin  
 Taylor, Jean Marie  
 Taylor, Michael Jay  
 Thackeray, Terri Ann  
 Thomas, Timothy Leigh  
 Thompson, Valoie H.  
 Tidwell, Vicki Lynn  
 Toncray, David Barkley  
 Tuft, Carlene  
 Turner, Deborah L.  
 Tyler, Maureen A.  
 Vehar, Deborah M. Berquist  
 Vincent, Sharon D.  
 Voll, Kevin Eugene  
 Vollmer, Linda  
 Waagen, Laurie Clair  
 Walker, Carol Elizabeth  
 Romney  
 Walker, Donna Lynn  
 Walker, Patricia L.  
 Wardle, James Weldon  
 Warren, Carol Anne  
 Wauflle, Michael Duane  
 Wennergren, Gloria  
 Western, Wendy Sue  
 Weston, Joyce  
 Weston, Pamela Porter  
 Whitaker, Frank Neil  
 White, Renee Poulson  
 White, Susan A.  
 Wilding, Mary Jorgensen  
 Wilson, Brenda J.  
 Wilson, Kevin P.  
 Wilson, Mary Lin  
 Wisner, Teresa F.  
 Yardley, Elaine  
 Zabinsky, Dennis Edward  
 Zimmer, Judy Jay Johnson  
 Zollinger, Matt Lee

**ENGINEERING**  
 E. JOE MIDDLEBROOKS  
 DEAN  
 Aghbayat, Hamid  
 Aj, Jamal  
 Allen, Lee Niel  
 Allred, Juan Joseph, Jr.

Andrews, Jeffrey Dean  
 Aoki, Kurtis Fred  
 Aryani, Syrous  
 Azikiwe, Chukwudi  
 Azizi, Massoud  
 Baasiri, Muin Sadek  
 Baird, Daniel K  
 Baker, Walter L.  
 Barnes, David L.  
 Barrus, Tracy R.  
 Baugh, Frederick  
 Bateman, III  
 Bawden, Lawrence Wheatley  
 Beaudette, Fred Alan  
 Bench, Bryant Lynn  
 Bingham, Elton C.  
 Black, Ronald Scot  
 Bott, John Eldon  
 Brems, Robert Orlo  
 Bringhurst, Ben J.  
 Butenshaw, Mark  
 Butler, Philip Edward  
 Cappaert, Robert Bernard  
 Carter, Gene Austin  
 Catto, Keith Francis  
 Chao, Chishan  
 Christensen, Cynthia F.  
 Chu, Kam Lung  
 Cisco, Gregory R.  
 Clinger, Brady S.  
 Cole, Laurel L.  
 Cookson, Nancy Lynn  
 Crocker, William Allan  
 Crookston, Mark Alan  
 Dikos, Michael Edward  
 Dominesey, Thomas Joseph  
 Eghnaim, Yousif Ali  
 El, Oklah Emad Suleiman  
 Eskandari, Vahik  
 Finch, Brent J.  
 Fluckiger, Jeffery Joseph  
 Fotheringham, Robert Miles  
 Gerszewski, Donald Gregory  
 Ghafoorian, Hajari Tehrani  
 Moha  
 Gharani, Mohammad Reza  
 Ghoraski, Syamak  
 Goodwin, Kathryn Roberta  
 Hall, Levan "W."  
 Hall, Wallace E.  
 Hamad, Kassem Mouhamad  
 Hansen, Richard Keith  
 Harker, William Smith  
 Hart, Marjorie  
 Hass, M. Ivan  
 Haywood, Dean Miller, Jr.  
 Herbert, Robert Leo  
 Hooper, David Melvin  
 Hosseini, Seyed Hossein  
 Hosseinnia, Hossein  
 Howell, Jon Clair  
 Hunt, Calvin Dean  
 Israelsen, Ronald Earl  
 Jachna, James Raymond  
 James, Mitchell Eugene  
 Jannesri, Anoushah  
 Johnson, James Walker

Keith, Murray Ray  
Krudson, Darrell Lee  
Kobayashi, Denise  
Larsen, Wallace Peterson  
Larson, Calvin Paul  
Lauria, R. Russell  
Lawan, Muhammed  
Lopes, Brito Ricardo Augusto  
Malik, Mohammad  
Mumtazalam  
Marchant, Lloyd Hawkins  
Mastroe, Thomas James  
McArthur, Kent Ralph  
McQueen, Raymond Grant  
Merrill, Lyle Peter  
Miller, Ronald Gary  
Miskin, Dwane Chad  
Mohammadi, Anooshirvan  
Moore, James Oakley  
Munir, Khalid  
Nakashima, Kenneth H.  
Nelson, John K.  
Neumann, Jeffrey  
Nielson, Scott Andrew  
Nikpourian, Mahmood  
Noyes, Gregory Rae  
Okada, Byron Hideki  
Parkinson, Jed B.  
Pastore, Harold P.  
Patti, Joseph Anthony  
Petersen, Corey D.  
Peterson, Kelly F.  
Puhmann, Otto Bernhard  
Pulver, C. Paul  
Rakozy, Kurt Allen  
Read, Richard E.  
Richardson, Thomas Kevin  
Riley, James Edward  
Robinson, James L.  
Robinson, Randy Jay  
Roskelley, Keith Stacy  
Sadr, Mehrdad  
Sakaguchi, Wes O.  
Sandberg, Terrel Woodard  
Sanders, Richard Dean  
Schmidt, Kent Robert  
Seils, Richard Thomas  
Shahbazian, Hoosik  
Shubert, Gary Charles  
Shurtz, Kay L.  
Smith, Leslie L.  
Soltanieh, Ahmad  
Somers, Richard Charles  
Soto, Hugo Edgar  
Soukhak-Lari,  
Mohammad-Ebrahim  
Spackman, Gary Lynn  
Stahle, George Jay  
Stapley, David Kent  
Stewart, Carl Edward  
Stewart, Eric Lee  
Stone, Rocky  
Swim, Douglas Keith  
Taft, Dale Robert  
Telisak, Theodore  
Thalman, Gary H.  
Thorsen, Don LeRoy

Thurgood, Vern Alan  
Traveller, Bruce F.  
Vogt, Thomas Dale  
Watkins, Wayne Haymore  
Weigel, Rudolf W.  
Wilcox, Kelly Leon  
Wilkins, Melvin H.  
Wilson, Jeffery Dean  
Wilson, Robert Leo  
Witbeck, Daniel  
Woodcook, Keith Birdeon  
Yip, Mui Tong Joseph

#### **TWO YEAR DIPLOMAS**

Anderson, Donald H.  
Hess, Gary David  
Miley, Bret C.  
Summers, Marty Lee

#### **FAMILY LIFE**

##### **JOAN R. MCFADDEN DEAN**

Andersen, Ruthann Israelsen  
Anderson, Susan Adell  
Bailey, Carol Hammond  
Barton, Margene  
Bergstrom, Heidi  
Brinn, Cynthia Lee  
Pullman  
Busby, Sue Ellen  
Cook, Kathleen Johnson  
Coombs, Sharlene Bird  
Crookston, Cathryn  
Davis, Joan  
Decker, Leslie  
Elder, Danny L.  
Enix, Carol Ann  
Erickson, Dawn Marie  
Farrer, Marlaine  
Ferre, Debra J.  
Finch, Beth  
Folkman, Kate  
Freemyer, Debra Sue  
Frodsham, Judy Mae  
Fryer, Marilyn Bushnell  
Green, Janis  
Griffin, Debbie  
Gudmundsen, Nancy Jane  
Hale, Virginia Lee  
Hales, Kriste Baxter  
Hardman, Marilyn Noyes  
Harmon, Connie S.  
Heaton, Anita  
Hendricksen, Holly Gae  
Hier, Georgia Mae  
Hunsaker, Kelly Lynn  
Hughes  
Jensen, Eraine  
Jensen, Pamela Jorgensen  
Jensen, Sandra Kay  
Johnson, Judy

Johnson, Julie Benson  
Jones-Carter, Melanie  
Lorraine  
Judd, Kimberley Jill  
Killpack, Mona Jean  
Kirby, Annette  
Kupfer, Anne Burnett  
Larkin, Jane  
Lenkersdorfer, Nancy Ruth  
Masson, Susan Jane Lewis  
McKenna, Wendy Lyn  
Goodrich  
Mehmke, Charlotte Susan  
Meifu, Camille V.  
Mohlman, Susan Whiting  
Monroe, Jenene Madsen  
Monsen, Melanie McDaniel  
Nelson, Naomi  
Newby, Jeanne  
Nieto, Rosa  
Paskett, Marjory Barth  
Peavler, Joanie Asunci  
Peck, Colleen H. Platt  
Purdy, Kathryn L.  
Rutkowski, Gail Anne  
Samuelson, Laura  
Kleinman  
Saunders, Susan McGregor  
Skidmore, Jill Louise  
Smith, Elfrieda Adele  
Spence, Loy  
Steiner, Cathleen  
Stratford, Nancy  
Stutler, Maxine L.  
Taylor, Gleanne Shields  
Thomsen, Avis J.  
Tingey, Sheri Lynne  
Tippetts, Denice Kay  
Trimble, Tamara  
Vance, Bonnie Marie  
Walker, (Smith) Judith Ann  
Watts, Joan Lenore  
Welch, Marilyn  
Werner, Jeri L.  
Whittier, Becky  
Willey, Alan Roy  
Williams, Colette  
Wilson, Lana Kay Feusse  
Winter, Carol Taylor  
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#### **HUMANITIES, ARTS AND SOCIAL SCIENCES**

##### **WILLIAM F. LYE DEAN**

Adams, Thomas D.  
Allred, Alan Scott  
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Anderson, Steven R.  
Andrews, Stanford W. K.  
Bailey, Michael Lel

Ballard, Clark Russell  
Barger, Ramona  
Barker, Douglas Keith  
Barrett, Richard D.  
Batt, Steven Richard  
Beck, Mike Darrell  
Bertolaet, Frederick Todd  
Betz, Gary Ray  
Blanchard, Leslie Monique  
Bland, Carol Ann  
Bradley, Linda Luvée  
Brady, Randy Marell  
Brodherson, David Philip  
Brough, Chester Foy  
Brown, Mary Eloise  
Brown, Stanley Evan  
Browne, Jerry Lamar  
Bryner, Jan Johnson  
Bullock, Kelli  
Burke, Bill Bruce  
Burton, Barry Michael  
Burton, Dan Wood  
Butler, Steven J.  
Buzan, Annette Colleen  
Bylund, Cynthia Marie Farr  
Cahoon, Patricia Lee Kern  
Calvin, Linda Maria Morgan  
Campbell, Cindy  
Canada, Steven Anthony  
Canfield, Mary Felice  
Carter, Charles Stanley  
Cartier, Karen Lillian  
Cesan, Donna E.  
Chamberlin, Robyn  
Chandler, Stephen Ray  
Chiba, Lisa Motoye  
Child, Miriam  
Christensen, Kelly B.  
Chung, Teresa  
Clause, Jill  
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Climenson, David Hugh  
Coles, Kory S.  
Costley, Richard Shane  
Culbertson, Richard Joyce  
Culpepper, Barbara Jean  
Cunningham, Merlin Dean  
Cuskelly, Gregory L.  
Cuthbert, Kenneth Reid  
Daines, Scott Norman  
Dalton, Gail  
Daniels, Debra Sue  
Danielson, David Bruce  
Datwyler, Dana S.  
Day, Cheryl Lynn  
Dennis, Michelle Lynn  
Diskul, M. L. Panadda  
Dodge, John Miller  
Eastmond, Daniel Van  
Ebin, Imelda Oka  
Eggett, Edith Mary  
Encheff, Dana Paul  
Engh, Brian Henry  
Farnes, Barbara Collard  
Fast Horse, Joseph Thomas  
Flynt, David Garnett  
Franklin, Frank Lee

Fullmer, Lynn Scott  
 Garcia, Gregory Carroll  
 Gardner, Marianne  
 Garvin, Grant I.  
 Gatehouse, BobbieLee  
 Gautieri, Peter  
 Gibson, Mary  
 Giles, Wendy R.  
 Giordano, Mario John  
 Glenn, Cordell Christensen  
 Godfrey, Wayne William  
 Griffin, Nancy W.  
 Grindinger, Robert Allan  
 Gumbrecht, Kurt Edward  
 Guymon, Michael Lowell  
 Hall, Vicky Louane  
 Hammer, Colette Renae  
 Hammond, Jeffrey Horton  
 Handy Janet Wadsworth  
 Hanks, Steven Howard  
 Hansen, Tracie Lyn  
 Harrison, Carmen R.  
 Hart, Tamara L.  
 Haslam, Philip C.  
 Hayes, Robert James  
 Hayes, Thomas E.  
 Heney, Timothy M.  
 Henrie, Jillair Joy  
 Hernandez, John  
 Herzog, Mary Jean  
 Hopkins, Kevin Lee  
 Hoyt, Julie Rae  
 Hudson, Martin Lee  
 Huggins, Cindy Diane  
 Huish, Richard Carl  
 Hulsman, Gene Michael  
 Hunsaker, Hy Dillman  
 Hunsaker, James S.  
 Hyatt, James M.  
 Isrealen, Dale Brent  
 Jenkins, Joann Marie  
   Jankowski  
 Jeppsen, Colette Wright  
 John, Daniel Arthur  
 Josephson, Peter L.  
 Josephson, William Carl  
 Kearl, Karel Kae  
 Keeling, Donna Jean  
 Kegerris, Jeffrey Collier  
 Keogh, Denis  
 Khoylar, Nasrin  
 Kiever, Sheryl Joy Holt  
 Killoran, John Joseph  
 Kingdom, Douglas Michael  
 Kipper, Pamela Obray  
 Kirchoff, Eleanor Gene  
 Knowlton, Thomas Jeffrey  
 Kunkel, Ken Lesley  
 Kurz, Patrice Salt  
 Kwok, Henry  
 Langdon, Christine Lynn  
 Layne, Jeffrey C.  
 Lee, Shelley Maureene  
 Lewis, David Rich  
 Lewis, Kathleen Ann  
 Lien, Robert Douglas

Lilley, Dearl Xammines  
 Lindholm, Michael Carl  
 Little, Jock R.  
 Lowe, Cynthia A.  
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 Mach, Marshall Lawrence  
 Mackay, Alva Dale  
 Maloney, John Patrick  
 Mansfield, Keeta  
 Mantle, Corinne  
 Matsuoka, Masahiko  
 Maughan, Jerald K.  
 McArthur, Meg  
 McCloud, Ronnie Edward  
 McCollister, Holly F.  
 McGhie, Teresa Lynn  
 McIntyre, Leslie M. G.  
 McKay, Sheila J. Johnson  
 McKnight, James Stewart  
 McMillan, Janeen  
 McMullin, Diane  
 Meksto, Mike Paul  
 Michaels, Robert Gregory  
 Miller, Barbie Gae  
 Miller, Barry K.  
 Miller, Robert Paul  
 Miller, Rose Anna  
 Milner, William Alan  
 Mobasher, Liaey-Mehran  
 Montoya, Ana Sylvia  
 Moolin, Andrew John  
 Mortimer, Dale Moss  
 Mulford, Wels Burdell  
 Murray, Carl Maughan  
 Murray, Marilyn Michelle  
 Murray, Thomas Morgan  
 Myore, Joan JoAnn  
 Nelson, Brandon W.  
 Nelson, Leslie  
 Nelson, Lynette Brown  
 Nielsen, Bryce Leslie  
 Nielson, Stanford Von  
 Numan, Darryl  
 O'Brien, Michael Thomas  
 Okure, Sunday Job  
 O'Riordan, Stephen James  
 Paraskeva, James Alan  
 Parkin, David Rodney  
 Parry, Deanne Busath  
 Paschke, Rita Marie  
 Penrod, Joan  
 Perkins, Don Rawlee  
 Petersen, Irene Kay  
 Peterson, Edwin T.  
 Peterson, Karen W.  
 Piersall, Robert J.  
 Plowman, Stephen Jay  
 Porter, Kae  
 Pryich, Ann Marie  
 Puffer, Lex L.  
 Pugliesi, Karen Lee  
 Purdy, Ronald Lee  
 Purnell, Linda Jean  
 Randell, Hillery, Jr.  
 Rasmussen, Shauna Deon  
 Rich, Wendy

Richards, Kathleen  
 Rivas, Ravona Kay Olsen  
 Roberts, Andrea Elizabeth  
 Robinson, Teresa  
 Ross, Jill Doreen  
 Saltclah, Wallace  
 Schau, Dawn Robin  
 Scovill, Gareldine  
 Sharp, Dorothy Ann  
 Shelley, Hal Eugene  
 Simmons, John Robert, Jr.  
 Simpson, Suzanne  
 Sivley, Paul A.  
 Skabelund, Steven Robert  
 Skelton, Susan Lee  
 Slomka, Edmund Victor  
 Smart, Eric Vincent  
 Smith, Kevon Michael  
 Sorensen, Victoria Rowe  
 Sparrow, Mark David  
 Spenger, Barbara June E.  
 Spiker, Charles Dean  
 Squire, John Andrew  
 Stanford, LeLand  
   William, III  
 Stark, Michael LeRoy  
 Steed, Martin Dale  
 Steinhafel, Susan  
 Stephenson, Bryan Charles  
 Stone, Francis Glade  
 Stowers, Steven L.  
 Su, Anna H.  
 Subia, John E.  
 Sullivan, George S.  
 Swendsen, Carl Michael  
 Swenson, Inez Tennant  
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 Terry, Robin  
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 Teuscher, Marilyn Herbert  
 Thalman, Melvin James  
 Thorley, Burnell  
 Thorpe, Donna J.  
 Tjandradjaja, Mulia  
 Tompkins, Russell Steven  
 Toone, Alan Garrard  
 Townsend, Judy Anne  
 Tso, Anderson  
 Tuck, Kevin J.  
 Tully, Gerard Paul  
 Unca, Sam Ladeana Buck  
 Van Dyke, Scott Wm.  
 Vernon, Richard Alan  
 Visser, Raymond Theodore  
 Volk, William Patrick  
 Wagley, Steve Laurence  
 Wagner, Mark Steven  
 Wagner, Roberta Rae  
 Wagstaff, Raymond Samuel  
 Weight, Cynthia Ann  
 Wellington, Bradley Eugene  
 Westerfield, Eric Max  
 Whitlock, Rochelle  
 Whittle, Kathryn  
 Wilber, Jeanette Ruth  
 Wilcox, Pearl M.  
 Wilde, Vickie Lee Read

Wilson, Craig George  
 Wilson, Randle Lee  
 Wong, Preston  
 Wood, Thomas Dean  
 Workman, Merlin Paul  
 Yazzie, Elsie  
 Yorgason, Steven Earl  
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## NATURAL RESOURCES

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 DEAN

Andersen, Chris Warren  
 Anderson, Mark Alvin  
 Aparicio, Michael Martinez  
 Archer, Joe B.  
 Ashton, Charles Allan  
 Baeder, Lawrence Donald  
 Barkhurst, Karmen Earla  
 Bartlett, Barbara Ann  
 Bass, Jeffrey Edward  
 Bass, William Tunis  
 Bassler, David Eugene  
 Bates, James William, Jr.  
 Beaulieu, Michael E.  
 Beckemeyer, Steven Carl  
 Bickel, Kenneth Erwin  
 Black, Daniel Johnson  
 Breeze, Marianne  
 Brewer, Michael A.  
 Brunelle, Mark Allen  
 Bryant, Jeffrey Howard  
 Burke, Tim  
 Butler, Paul Joseph  
 Cabral, Jose Manuel  
 Call, Mark Heiges  
 Campbell, James Richard  
 Carter, Dwain W.  
 Carter, Kevin Scott  
 Castaldi, Brian Gary  
   Patrick  
 Cheney, Kathie Lynne  
 Christensen, Gregg Norman  
 Christensen, Kit Lamar  
 Clapier, Keith B.  
 Colton, M. Christopher  
 Conroy, Charles Frederick  
 Conroy, Robert Dennis  
 Cook, Grace Anne  
 Costley, Kent Darwin  
 Coyle, Rachel Evelyn  
 Danjuma, Danazumi  
 Davis, Steven Alan  
 Donahue, Karen Sue  
 Dreier, Gary J.  
 Durrant, James Jonathon  
 Ernst, Richard David  
 Esparza, Frank  
 Fackrell, M. Blaine  
 Fagnant, James A.  
 Fallis, David  
 Faux, John C.  
 Felice, Charles Peter

Finch, Peter S.  
Flynn, Stephen Andrew  
Fouik, Alvin Geary, Jr.  
Fuller, Robert Walter  
Funston, Clifford, Michael  
Gardiner, Kevin Boulton  
Garner, Timothy Dean  
Garrigues, William  
Robinson  
Gasser, Ervin G.  
Green, Alan F.  
Greenwood, Charles L.  
Greer, Kendrick Don  
Grenier, Jeffrey Jon  
Hahn, Martha Gail  
Halse, Debra Anne  
Hampton, Raudney N.  
Handzo, John G.  
Hansen, Pamela Jane  
Cooper  
Hatami, Habibollah  
Herdrich, Jeffrey Robert  
Hess, Julie Ann  
Higginson, Janie  
Hinricher, Joe Paul  
Hinz, Kurt Bradford  
Hitchcock, Robert Lowell  
Hooper, Ronald Charles  
Hubbard, Julie  
Hull, Donna Jean  
Hunderfund, Keith Michael  
Hurt, Patricia Lee  
Iacovetto, Elvis Ray  
Ibach, John Robert, Jr.  
Jablonski, Michael Alan  
Jacobs, Daniel Paul  
Jenson, Joseph William  
Julander, Randall Penney  
Kaiser, Roy Clarke  
Kane, Patrick Martin  
Karstad, Elsen Lars  
Keck, Thomas James  
Kenworthy, Robert P.  
Kesler, Rick Lee  
Kessler, David Alan  
Khodabandelo,  
Hamid-Reza  
King, Jay D.  
King, Kenneth H.  
Klinner, David Robert  
Klungness, Kraig Alan  
Knoop, Karla D.  
Knowlton, Josephine Ann  
Kuhn, Charles Edward  
Kynoch, Rudolph A.  
Lambert, Kevin A.  
Lambert, Scott Morgan  
Lapolla, Ann Elizabeth  
Laurion, Glen Michael  
Lindeman, Mark Elliott  
Lorenz, William Reed  
Lungu, Fidelis Borgia  
Luse, Donald Robert  
Lyman, William Scott  
McCoy, Matthew  
McDaniel, Kenny W.

McDonald, Joe C.  
McKibben, Mark Edward  
Mead, Ronald Edwin  
Moss, Lee Scott  
Munson, Thomas  
Nitschke, Jean  
Norton, William Raymond  
Obuch, Raymond C.  
Oliveri, Robert Thomas  
Osterberg, John Charles  
Pastor, Larry  
Paul, Brian Walter  
Picton, Jeffrey Scott  
Pratt, Paul Ellsworth  
Rainey, Lawrence Earl  
Ralphs, Philip M.  
Ramm, Bruce Gordon  
Reed, Douglas Frederick  
Reisert, Lillian Marie  
Resetarits, Mark Bradely  
Rhue, William Tobias  
Rice, Terrance Richard  
Riel, Clark Walter  
Riley, James S.  
Ringer, Michael Austin  
Rodarte, Adrian Anthony  
Rost, Patricia Jean  
Roth, John Christopher  
Rumel, Dale  
Ruppel, Kurt Frederic  
Ryberg, Stephen Munk  
Ryder, Steve Delos  
Sandlund, Robert Glen  
Savabi, Mohammad Reza  
Schenck, Daniel M.  
Schiffer, William Wallace  
Schmidt, William Neal  
Scott, Paul H.  
Seegmiller, Phillip Clyde  
Smith, Becky Sue  
Smith, Bradley Gene  
Smith, Jeffrey Alan  
Sodjoudee, Mohammad  
Ebrahim  
Stein, Christopher Edward  
Steiner, Stephen John  
Sudol, Joseph Allen  
Summers, Richard P.  
Swapp, John Orson  
Swenson, David Keith  
Taylor, Deborah R.  
Tetley, Gary Robert  
Thomas, David Seth  
Thomas, Gregory Arthur  
Thompson, William Joseph  
Trussell, Tamara Patterson  
Tuck, Clifton Edward  
Valcarce, Paul Arland  
Valdes, Michael Anthony  
Verschoor, Rudy John  
Wagner, Bruce Merrill  
Waldvogel, Carol Paige  
Ward, Aloranna Brenda  
Weyand, Robert L.  
Wilcock, Lynn Ralph  
Williams, David G.

Williams, Kent Brady  
Wilson, William B.  
Winterbottom, Jeffrey  
Joseph  
Wittman, John Frederick

## SCIENCE

RALPH M. JOHNSON  
DEAN

Aamodt, Ken  
Ahlmer, Brent  
Allen, Ross Roundy, Jr.  
Andriano, Kirk P.  
Bass, Don B.  
Beckstrand, Michael D.  
Bhatti, Najmuddin  
Blau, Reed John  
Bond, Scott J.  
Boyer, Lennis K.  
Brown, Duane Steven  
Brownell, Deborah Ann  
Call, Jeffrey Holt  
Camp, Pamela Ann  
Carlson, Kim Hoglund  
Dawson, Kathryn  
Denkers, Douglas Scott  
Deputy, Edward James  
Dupler, Marcella  
Edwards, Eric Harrison  
Engelby, Bruce Edward  
Erich, Nancy Ruth  
Farnsworth, Allan Lamar  
Fawcett, Gary Ray  
Fife, Robert Lloyd  
Foley, Keith Michael  
Fonnesbeck, Vance Brian  
Fujimoto, Blair T.  
Gatchell, Catherine Louise  
Geiger, Richard Martin  
Gerber, Lynn Henry  
Grant, Laura J.  
Gubler, Evan Rae  
Hall, Lee Reed  
Hansen, Wade Matthew  
Hanson, Greg Richard  
Hay, Howard William, Jr.  
Heiner, Scott Sydney  
Hinds, Kenneth Freeman  
Hodges, Timothy Paul  
Horton, Walter Daniel  
Houmand, Corey Kim  
Hoyt, David Randahl  
Hullinger, Gordon A.  
Hutchinson, Heidi Jeanne  
James, Janna Jolene  
Jensen, Gary Horace  
Kanongataa, Tevita T.  
Kelsey, Dave J.  
Kennedy, Claudette Edna  
Klingberg, Kenneth Alfred  
Kreick, Steve  
Kunimura, Susan Marie  
Kyriopoulos, Linda B.  
Lamont, Jeffrey James  
Last, Patricia Dean

Lee, Shin Lan  
Leslie, Tim J.  
Loomis, John Walter  
Lucas, Steve Jay  
Lundstrom, Gary Harrison  
MacQueen, Alan Muirhead  
Maldonado, Mendez Beatriz  
Martinez, Gerstl Gustavo A.  
McDonough, Mary  
Elizabeth  
Merkley, Kevin H.  
Merrell, Chad Lynn  
Middlebrooks, Charlotte  
Linda H.  
Millman, Douglas Edward  
Morgan, Susan Karen Kay  
Nikzad, Akhtar  
Norton, Rick Cameron  
Novinshoar, Reza  
Mohammad  
O'Connor, Robert  
Barnard, III  
Olson, Randy Clair  
Ostermiller, Daniel P.  
Ostlie, Norma Carol  
Steadham  
Patterson, Janice Eileen  
Peavler, Michael Fredrick  
Platner, Kayne  
Rees, David Allan  
Ressler, Robert Floyd  
Roe, Alan Hickman  
Rose, Randy Lynn  
Saghei, Masoud  
Salisbury, Steven Scott  
Sedaghati, Mehdi  
Seeger, Anthony R.  
Severe, Grant E.  
Shaw, James William  
Skidmore, Lynn Robert  
Slack, Neill  
Snow, Russell Turner  
Sowers, Robert Lee  
Steed, Sally  
Stevens, Michael James  
Stuart, Debra Rae  
Tominaga, Julie Ann  
Ustunol, Ayse  
Wangsgaard, John Gay  
Watts, Keith  
Waymouth, Laurens S.  
Werling, Richard E.  
Wharton, Elizabeth  
Richman  
White, Yvette  
Whiting, Blaine Lester  
Whittaker, Gordon Lee  
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Young, Lois Kloth  
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## GRADUATE STUDIES

EASTMAN N. HATCH, DEAN  
JOSEPH C. STREET, ASSOCIATE DEAN

### DOCTOR OF PHILOSOPHY

- ANDREWS, STANLEY J.  
Milton-Freewater, Oregon  
MS: Utah State University, 1976  
Major: Nutrition & Food Sciences  
Major Professor: Dr. Von T. Mendenhall  
Dissertation: Quantitation of Formaldehyde Resulting from Oxidative Deterioration of Unsaturated Fatty Acids
- ANGELES, HONORATO LINA  
Cabanatuan City, Philippines  
MS: University of the Philippines, 1972  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Dissertation: Optimum Utilization of Irrigation Water Through Farm Operation Scheduling and Crop Diversification
- BEEDLOW, PETER ANDREW  
Rock Creek, Ohio  
BA: Hiram College, 1973  
Major: Biology Ecology  
Major Professor: Dr. James A. MacMahon  
Dissertation: Pollination Dynamics in Two Subalpine Flower Meadows
- BJORK, CLARON DALE  
Salt Lake City, Utah  
MS: University of Utah, 1967  
Major: Biology  
Major Professor: Dr. Donald W. Davis  
Dissertation: Consumption of Alfalfa by Adult Alfalfa Weevils
- BRIMFIELD, ALAN ARTHUR  
Pennsauken, New Jersey  
MS: Utah State University, 1976  
Major: Toxicology  
Major Professor: Dr. Joseph C. Street  
Dissertation: The Covalent Interaction of Hepatic Metabolites of the Insecticide Chlordane with Cellular Macromolecules in the Rat and Mouse *In Vitro*
- BRUMMETT, ROBERTA LEA  
Colville, Washington  
MS: Eastern Washington State University, 1969  
Major: Special Education  
Major Professor: Dr. Julie J. Landeen and Dr. John A. McLaughlin  
Dissertation: The Development and Field Testing of a Due Process Hearing Officer Training Program
- CARLSON, LARRY JAMES  
Heber, Utah  
MS: Utah State University, 1976  
Major: Psychology  
Major Professor: Dr. Michael Bertoch  
Dissertation: The Role of Relaxation and Systematic Desensitization in the Efficacy of Assertiveness Training

- CHRISTENSEN, ALLEN CLARE  
Chino, California  
MS: University of California, Davis, 1960  
Major: Animal Science  
Major Professor: Dr. Jay O. Anderson  
Dissertation: Factors Affecting the Efficacy of Methionine Hydroxy Analogue as a Dietary Replacement for Methionine with Broiler Chicks
- CLARK, WILLIAM RICHARD  
Logan, Utah  
MS: Utah State University, 1974  
Major: Wildlife Ecology  
Major Professor: Dr. George S. Innis  
Dissertation: Population Limitation of Jackrabbits: An Examination of the Food Hypothesis
- COWAN, Peter Alan  
San Francisco, California  
MS: Utah State University, 1976  
Major: Engineering  
Major Professor: Dr. E. Joe Middlebrooks  
Dissertation: A Regression Model to Predict the Performance of the Intermittent Sand Filter
- DADKHAH, MANOUCHEHR  
Tehran, Iran  
MS: Utah State University, 1975  
Major: Watershed Science  
Major Professor: Dr. Gerald F. Gifford  
Dissertation: The Influence of Rock Cover, Vegetal Cover, Grass Species, and Simulated Trampling on Infiltration Rates and Sediment Production
- DIXON, LESTER SANTEE  
San Bernardino, California  
MS: Utah State University, 1975  
Major: Engineering  
Major Professor: Dr. J. Paul Riley  
Dissertation: A Mathematical Model of Salinity Uptake in Natural Channels Traversing Mancos Shale Badlands
- EGBERT, ALLAN L.  
Wyaconda, Missouri  
MS: Iowa State University, 1968  
Major: Wildlife Ecology  
Major Professor: Dr. Allen W. Stokes  
Dissertation: The Social Behavior of Brown Bears at McNeil River, Alaska
- FAKHRAI, ENAYATOLLAH  
Dezful Khuzestan, Iran  
MS: Utah State University, 1976  
Major: Economics  
Major Professor: Dr. Terrence F. Glover  
Dissertation: Import Demand for Wheat: Japanese and Selected EEC Markets
- FATOOREHCHIE, MOHAMMAD  
Rasht, Iran  
MS: University of California, Davis, 1975  
Major: Economics  
Major Professor: Dr. Terrence F. Glover  
Dissertation: Input Substitution in the Coal-Fired Electric Power Industry

GALLUP, DARRELL LYNN

Boise, Idaho  
BS: Brigham Young University, 1974  
Major: Chemistry  
Major Professor: Dr. Joseph G. Morse  
Dissertation: Coordination Chemistry of Bidentate Difluorophosphines

GHAWI, IBRAHIM ODEH

Amman, Jordan  
MS: Utah State University, 1977  
Major: Soil Science & Biometeorology  
Major Professor: Dr. Robert J. Wagenet  
Dissertation: Modeling Nitrogen Transformation and Transport During Transient Unsaturated Soil Water Flow

GOODWILL, SHARON

Salt Lake City, Utah  
MS: Utah State University, 1976  
Major: Psychology  
Major Professor: Dr. E. Wayne Wright and Dr. William R. Dobson  
Dissertation: A Study of Variables Which Are Associated with Successful and Unsuccessful Furlonged Prison Inmates

GOWON, DAWUDA TSALHATU

Lur, Plateau, Nigeria  
MS: Utah State University, 1974  
Major: Economics  
Major Professor: Dr. Jay C. Andersen  
Dissertation: Economic Implications of Phenologically Timed Irrigation in Corn Production

HAGEN, LINDA ROSE

Blue Island, Illinois  
MA: Sangamon State University, 1973  
Major: Sociology  
Major Professor: Dr. Yun Kim  
Dissertation: The Formation of Desired and Ideal Family Size Among Utah High School Senior Females and Males, 1974

HAYES, STEVEN RALEIGH

Fayetteville, Arkansas  
MS: University of Arkansas, 1974  
Major: Biology  
Major Professor: Dr. James A. Gessaman  
Dissertation: The Combined Effects of Air Temperature, Wind, and Radiation on the Resting Metabolism of Avian Raptors

HENDERSON, HESTER LANGLEY

Arlington, Virginia  
MEd: George Mason University, 1971  
Major: Special Education  
Major Professor: Dr. Devoe C. Rickert  
Dissertation: A Field Test Using Parents/Trainers, Programmed Instruction, Social Workers, and Telephone Communication with the Handicapped

HULSMAN, ROBERT BRUCE

Smithfield, Utah  
MS: Utah State University, 1971  
Major: Engineering  
Major Professor: Dr. Jack Keller  
Dissertation: Coal-Fired Steam Turbine Power to Drive Irrigation Pumps

JESSEN, JOHN BRUCE

Ashton, Idaho  
MS: Utah State University, 1976  
Major: Psychology  
Major Professor: Dr. William R. Dobson  
Dissertation: The Effect of Family Sculpting on Perceptual Agreement Among Family Members

KAECK, DANIEL JAMES

Fort Wayne, Indiana  
MS: Ball State University, 1969  
Major: Psychology  
Major Professor: Dr. Glendon W. Casto  
Dissertation: The Modification of Emotionally Disturbed Behavior Through Teacher and Peer Training

KAVEH, FEREDOUN

Ahwaz Khuzistan, Iran  
MS: American University of Beirut, 1969  
Major: Engineering  
Major Professor: Dr. Lyman S. Willardson  
Dissertation: Tile Drainage on Sloping Land Including Unsaturated Flow

KIM, SOUNG-YEE

Seoul, Korea  
MA: Seoul National University, 1973  
Major: Sociology  
Major Professor: Dr. William F. Stinner  
Dissertation: Social Origins, Educational Attainment and Family Formation Among Korean Women

KINCAID, CHARLES THOMAS

Eureka, California  
BS: Humboldt State College, 1970  
Major: Engineering  
Major Professor: Dr. Gary Z. Watters  
Dissertation: Finite Element Analysis of Three-Dimensional Wind Driven Free Surface Flows

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Grace, Idaho  
MEd: Utah State University, 1968  
Major: Special Education  
Major Professor: Dr. Alan M. Hofmeister  
Dissertation: Reality Based Mastery Intervention Procedures: An Assessment

KOLAR, ALDEAN JAMES

Yankton, South Dakota  
BA: Yankton College, 1966  
Major: Chemistry  
Major Professor: Dr. Richard K. Olsen  
Dissertation: Studies Toward the Synthesis of a- and b-Mercapto Alanine Derivatives, and of a,b- and b,b-Dimercapto Alanine Derivatives

MAAS, MELANIE ROSE

Denmark, Wisconsin  
BS: University of Wisconsin-Green Bay, 1972  
Major: Biology Ecology  
Major Professor: Dr. Frederick Post and Dr. D. K. Salunkhe  
Dissertation: Growth of *Phytophthora infestans* race 1.2.4 and Synthesis of Steroid Glycoalkaloids by the Fungus in Synthetic Media

- MACROY, THOMAS DAVID  
Chicago, Illinois  
MA: Roosevelt University, 1974  
Major: Psychology  
Major Professor: Dr. Michael Bertoch  
Dissertation: Linguistic Surface Structures in Family Interaction
- MALAIYA, YASHWANT KUMAR  
Damoh, MP, India  
MS: B.I.T.S. University, 1974  
Major: Engineering  
Major Professor: Dr. Stephen Y.H. Su  
Dissertation: Modeling, Testing and Reliability Analysis of Digital Systems with Intermittent Faults
- MALONE, RONALD FRANCIS  
Sherman Oaks, California  
MS: Utah State University, 1977  
Major: Engineering  
Major Professor: Dr. William J. Grenney  
Dissertation: Stochastic Analysis of Water Quality
- MANWARING, MARK LEONARD  
Idaho Falls, Idaho  
MS: Utah State University, 1975  
Major: Engineering  
Major Professor: Dr. Ronald L. Thurgood  
Dissertation: A Method of Computer-Aided Generation of Software for Digital System Controllers Using Fixed-Instruction Machines
- MESGHINNA, WOLDEZION  
San Francisco, California  
MS: Cornell University, 1973  
Major: Engineering  
Major Professor: Dr. Robert W. Hill  
Dissertation: Crop Yield Prediction Under Conditions of Limited Data
- MULLER, PHILIP G.  
Davison, Michigan  
MS: Western Michigan University, 1975  
Major: Psychology  
Major Professor: Dr. Carl D. Cheney  
Dissertation: Effects of Varying the Opportunity to Attack During a Fixed-Time Schedule
- MCGHAN, MICHAEL E.  
Flint, Michigan  
BS: University of Michigan, 1972  
Major: Physics  
Major Professor: Dr. L. Rex Megill  
Dissertation: An *In-Situ* Measurement of Nitric Oxide within a Thermonuclear Bomb Cloud
- MCGILL, LIZABETH ANN  
Easton, Connecticut  
MA: Southern Connecticut State College, 1972  
Major: Psychology  
Major Professor: Dr. Sebastian Striefel  
Dissertation: The Use of Self-Control Procedures with Pre-Adolescents Classified as Educable Mentally Retarded
- NAKHATA, NAIYANA  
Bangkok, Thailand  
BS: Utah State University, 1975  
Major: Animal Science  
Major Professor: Dr. Jay O. Anderson  
Dissertation: Mathematical Equations Describing Chick Performance and Carcass Composition as Functions of Diet Protein and Energy Levels
- NARASIMHAN, RAJAGOPALAN  
Madras Tamil Nadu, India  
MS: Tamil Nadu Agricultural University, 1972  
Major: Nutrition & Food Sciences  
Major Professor: Dr. C. A. Ernstrom  
Dissertation: An Evaluation of Heat Treatment and Ultrafiltration of Skim Milk for Increasing Cottage Cheese Yields
- NASTIS, ANASTASIOS STEFANOS  
Thessaloniki, Greece  
MS: Utah State University, 1977  
Major: Range Science  
Major Professor: Dr. John C. Malechek  
Dissertation: Effects of Forage Availability of Voluntary Intake and Feeding Behavior of Grazing Heifers
- NOTOATMODJO, BUDIMAN  
Semarang Central Java, Indonesia  
MS: Utah State University, 1977  
Major: Economics  
Major Professor: Dr. Jay C. Andersen  
Dissertation: Use of the Ramsey Optimal Pricing for Municipal, Industrial and Irrigation Water in Logan, Utah
- OUAYOGODE, BAKARY VASSERY  
Abidjan, Ivory-Coast  
MS: Utah State University, 1976  
Major: Biology  
Major Professor: Dr. Donald W. Davis  
Dissertation: Larval Biology of Some Utah Chrysididae (Hymenoptera)
- PADHYE, VINODKUMAR WASUDEO  
Neral (C.R.) Maharashtra, India  
MS: University of Bombay, 1973  
Major: Nutrition and Food Sciences  
Major Professor: Dr. D. K. Salunkhe  
Dissertation: Biochemical and Investigations of Black Gram (*Phaseolus mungo* L.) and Rice (*Oryza sativa* L.) Proteins and their Nutritional Functionality in the Fermented Product-IDLI
- PAJOOYAN, JAMSHID  
Tehran, Iran  
MS: Utah State University, 1977  
Major: Economics  
Major Professor: Dr. Kenneth S. Lyon  
Dissertation: The Effect of Congestion on Demand for Outdoor Recreation: with the Empirical Analysis of Cross Country Skiing
- PEZZINO, JAMES  
Newark, New Jersey  
MS: Utah State University, 1975  
Major: Psychology  
Major Professor: Dr. Sebastian Striefel  
Dissertation: The Effects of Abrupt and Graduated Temporal Reductions on Academic Behavior



PHADUNGCHAI, SUPOTE

Bangkok, Thailand  
MS: Brigham Young University, 1974  
Major: Economics  
Major Professor: Dr. Rangesan Narayanan  
Dissertation: Estimation of an Unobservable Independent Variable Model With Varying Parameters

PHILLIPS, DONALD L.

Seaford, Delaware  
MS: Utah State University, 1977  
Major: Biology  
Major Professor: Dr. James A. MacMahon  
Dissertation: Competition and Spacing Patterns of Shrubs in the Mojave and Sanoran Deserts

PLUMMER, WILLIAM EVANDER

Logan, Utah  
MS: North Carolina State University, 1976  
Major: Animal Science  
Major Professor: Dr. Warren C. Foote  
Dissertation: Anterior Pituitary and Ovarian Response to Infused GnRH and Progesterone Pretreatment in Ewes

QUAYLE, CHRISTIAN MICHAEL

Manhattan Beach, California  
MS: Utah State University, 1977  
Major: Psychology  
Major Professor: Dr. Michael Bertoch  
Dissertation: The Relative Effectiveness of Audio-Taped Relaxation and Live-Therapist Presented Relaxation in Terms of Physiological Parameters

RATH, DAVID LEE

Easton, Minnesota  
BS: St. John's University, 1971  
Major: Physics  
Major Professor: Dr. Wilford N. Hansen  
Dissertation: Studies of Electrode Resistance and Hall Effect in Electrochemical Processes

RAZMI, KERAMATOLLAH

Kazeroun Fars, Iran  
MS: American University of Beirut, 1970  
Major: Range Science  
Major Professor: Dr. John C. Malechek  
Dissertation: Feeding Behavior of Sheep with Respect to Food-Related Cues in the Environment

RETTA, AMARE

Adigrat Tigray, Ethiopia  
MS: University of California, Davis, 1971  
Major: Soil Science & Biometeorology  
Major Professor: Dr. R. J. Hanks  
Dissertation: Corn and Alfalfa Production as Influenced by Limited Irrigation

RICHARDSON, STEVEN GLEN

Smithfield, Utah  
MS: Utah State University, 1975  
Major: Range Science  
Major Professor: Dr. Cyrus M. McKell  
Dissertation: Water and Mineral Relations of *Atriplex canescens* and *A. cuneata* on Saline Processed Oil Shale

ROBBINS, CHARLES WILEY

Mountain View, Wyoming  
MS: Utah State University, 1972  
Major: Soil Science & Biometeorology  
Major Professor: Dr. J. J. Jurinak  
Dissertation: A Salt Transport and Storage Model for Calcareous Soils that May Contain Gypsum

ROBINSON, JAMES VINCENT

New York, New York  
MS: Polytechnic Institute of Brooklyn, 1971  
Major: Biology Ecology  
Major Professor: Dr. James A. MacMahon  
Dissertation: The Effect of Architectural Variation in Habitat on a Spider Community: An Experimental Field Study—With Special Reference to Resource Partitioning

SIVAKUA, THIPAMON

Smutprakan, Thailand  
BS: Kasetsart University, 1972  
Major: Chemistry  
Major Professor: Dr. Grant G. Smith  
Dissertation: Structural Effects on the Kinetics and Mechanism of the Racemization of Arylglycines

SHIPLEY, BRENT LEONARD

Bancroft, Idaho  
BS: Utah State University, 1969  
Major: Soil Science & Biometeorology  
Major Professor: Dr. Inge Dirmhirn  
Dissertation: A Model for the Development and Dissipation of the Thermocline and Temperature Profile in a Dimictic Temperate Lake

SPILLMAN, RICHARD JAY

Tacoma, Washington  
BA: Western Washington University, 1971  
Major: Engineering  
Major Professor: Dr. Ronald L. Thurgood  
Dissertation: An Analysis of the Effects of Intermittent Faults on Digital Systems

TORABIZADEH, MOHAMMAD TAGHI

Ahway, Iran  
MS: Utah State University, 1976  
Major: Animal Science  
Major Professor: Dr. James A. Bennett  
Dissertation: The Interaction Between Genetic Ability of Cows and Level of Feeding on Milk Production and Efficiency Of Feeding Utilization

TURNA, KULDEEP SINGH

Jaffarabad Uttar Pradesh, India  
MS: U.P. Agriculture University, 1971  
Major: Economics  
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Dissertation: Allocation of Water Between Agriculture and Energy Sectors and Underlying Efficiency Aspects of Transfer Mechanisms

VALENTINE, WALTER DEWEY

Mason, New Hampshire  
BA: Lehigh University, 1965  
Major: Biology Ecology  
Major Professor: Dr. David W. Goodall  
Dissertation: Analysis of Ecosystem Models

VERMA, MAHENDRA PRATAP

Rampur U.P., India

MVSc: U. P. Agricultural University, 1966

Major: Toxicology

Major Professor: Dr. Raghbir P. Sharma

Dissertation: Characterization of Cadmium-Binding Protein and Its Regulation by Dietary Cadmium in Three Species of Domestic Animals, and Interactions of Cadmium with Selected Biomacromolecules

WORKMAN, WILLIAM GLENN

Fairbanks, Alaska

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Major: Economics

Major Professor: Dr. B. Delworth Gardner

Dissertation: Nonresident Enrollment Demand at Utah State University

ZWANK, PHILLIP JOHN

Pella, Iowa

MS: University of Missouri, Columbia, 1974

Major: Wildlife Ecology

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Dissertation: Reduced Recruitment in Utah Mule Deer Relative to Winter Condition

#### DOCTOR OF EDUCATION

BENNETT, LYLE GENE

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MS: University of Utah, 1970

Major: Curriculum Development and Supervision

Major Professor: Dr. Jay A. Monson

Dissertation: An Analysis of the Readability of Sixth Grade Science Textbooks Using the Dale-Chall Formula and the Cloze Procedure Test

HALL, ERNEST LEROY

Norfolk, Nebraska

MS: Wayne State College, 1975

Major: Curriculum Development and Supervision

Major Professor: Dr. Carl R. Wallis

Dissertation: An Evaluation of An Arc Welding Simulator Using Selected Criteria

HOGGATT, JACK PAUL

Moorcroft, Wyoming

MS: Utah State University, 1974

Major: Curriculum Development and Supervision

Major Professor: Dr. Lloyd W. Bartholome

Dissertation: Perceptions of Vocational Business Teachers, Employers, and Entry-Level Office Workers Regarding Employable Qualifications for Entry-Level Office Workers in Utah

JOHNSON, STEVEN BLAY

Honeyville, Utah

MS: Utah State University, 1972

Major: Curriculum Development and Supervision

Major Professor: Dr. Arthur D. Jackson

Dissertation: A Study of the Effects of Combining Fourth-Fifth Grade Children, Fifth-Sixth Grade Children on Academic Achievement and Self-Esteem of Selected Fifth Grade Pupils

MURRANKA, PATRICIA ANN

Trenton, New Jersey

MS: Rider College, 1970

Major: Curriculum Development and Supervision

Major Professor: Dr. Theodore W. Ivarie

Dissertation: Task Inventories and Position Analyses for Correspondence Secretaries, Administrative Secretaries and Supervisors in Word Processing

PHILLIPS, LELA

Presque Isle, Maine

MA: Utah State University, 1975

Major: Curriculum Development and Supervision

Major Professor: Dr. William J. Strong

Dissertation: Development and Validation of TWO Instructional Modules on Improvement of Reading Instruction for Secondary Teachers

#### EDUCATION SPECIALIST

CARLISLE, KENNETH EUGENE

Logan, Utah

MEd: Utah State University, 1978

Major: Instructional Media

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DEAL, BONNIE A.

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Major: Instructional Media

Major Professor: Professor Duane E. Hedin

DEAL, DWIGHT H.

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MEd: Utah State University, 1978

Major: Instructional Media

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ROBERTS, RICHARD DEAN

Hyrum, Utah

BS: Brigham Young University, 1956

Major: Education Administration

Major Professor: Dr. Terrance E. Hatch

#### MASTER OF ACCOUNTING

AHMADI, FARAD

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BS: Tehran School of Accounting, 1974

AL-ABDULAZIZ, MOHAMMED IBZAHIME

Riydh, Saudi Arabia

BS: Ain Shamish Cairo University, 1969

ALI, ADEL ABD EL-RAHMAN

Maadi, Cairo Egypt

BS: University of Cairo, 1975

BEUTLER, BRENT CHARLES

Richfield, Utah

BS: Utah State University, 1978

BOND, ROBERT DOHERTY  
Dallas, Texas  
BA: Southern Methodist University, 1968

BRINN, ROBERT LEE  
San Diego, California  
BS: Utah State University, 1978

BROWN, CAROL WOOD  
Lyman, Utah  
BS: University of Utah, 1965

CHEN, YI-CHAO  
Taipei, Taiwan ROC  
BS: Soochow University, 1975

GALLOWAY, DAVID A.  
Provo, Utah  
BS: Brigham Young University, 1972

HARN, MIN DOLLY  
Taipei, Taiwan ROC  
BS: National Chengchi University, 1973

HASSAN, NAZAR FLAYIH  
Horiyah Baghda, Iraq  
BS: University of Baghdad, 1968

IBRAHIM, MOHAMED FAHMI  
Mosul, Iraq  
BA: Al-Mustansiriyah University, 1973

JAFARIEH, MOSTAFA  
Tehran, Iran  
BA: Advanced Institute Of Accounting, Iran, 1970

KHALOFA, SAID AHMED  
Ara, Saudi Arabia  
BS: University of Riyadh, 1974

KORDESTANI, BEHNAM KHAZAEI  
Tehran, Iran  
BAC: Iranian Institute of Advanced Accounting, 1975

LUND, HAROLD M. H. II  
Providence, Utah  
MEd: University of Utah, 1972

MOHARAM, ZENAT MOHAMED  
Alexandria, Egypt  
MAC: Alexandria University, 1974

RANDALL, V. KELLY  
Logan, Utah  
BS: Utah State University, 1975

TENG, JAMES SHIU-KUENG  
Taipei, Taiwan ROC  
BS: National Taiwan University, 1973

TORMAN, CHARLES SCOTT  
Ogden, Utah  
BS: Weber State College, 1977

WANG, LI  
Los Angeles, California  
BC: Chen Hsing University, 1975

WU, PI-CHEN  
Taipei, Taiwan ROC  
BA: Taiwan Normal University, 1973

#### MASTER OF AGRICULTURAL INDUSTRIES

BEHBAHANI, AHMAD  
Tehran, Iran  
MS: Utah State University, 1975

YEH, PONG LIN  
Taipei, Taiwan  
BS: National Chung-Hsin University, 1975

#### MASTER OF ARTS

DURRANT, COLLEEN KJAR  
Preston, Idaho  
BA: Utah State University, 1968  
Major: English  
Major Professor: Dr. T. Y. Booth and  
Dr. John Beyers  
Thesis: The Archetype of the Wise Old Man in the Works of  
Hermann Hesse

JONES, GRETCHEN RONNOW  
Reno, Nevada  
BA: Utah State University, 1968  
Major: English  
Major Professor: Professor Thomas J. Lyon  
Thesis: Spiritual Values and Religious Resources in Three  
Contemporary American Indian Novels

PETERSON, MARK ELLIS  
Roosevelt, Utah  
BA: Utah State University, 1975  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen  
Thesis: A Follow-up Study of Music Educators Prepared at  
Utah State University Through a Survey of Graduates'  
Opinions and Professional Responsibilities

VATIS, NICHOLAS A.  
White Plains, New York  
✓ BA: Jacksonville University, 1971  
Major: History  
Major Professor: Professor Clyde A. Milner, II  
Thesis: Plan B

WASHBURN, E. LUCILLE  
Malad, Idaho  
BA: Utah State University, 1974  
Major: English  
Major Professor: Dr. Kenneth W. Brewer  
Thesis: Plan B

## MASTER OF BUSINESS ADMINISTRATION

- ADAMS, KENT LEROY  
Yuba City, California  
BA: Brigham Young University, 1975
- ALDER, LYNN CALL  
Provo, Utah  
BS: Brigham Young University, 1978
- ANDERSON, CLAIN H.  
Logan, Utah  
BS: Utah State University, 1978
- ANDERSON, DOUGLAS BLAIR  
Magrath, Alberta Canada  
BS: Brigham Young University, 1974
- BALDWIN, DOUGLAS KEITH  
Beaver, Utah  
BS: Southern Utah State College, 1974
- BARRETT, JOSEPH HENRY  
Roy, Utah  
BS: Weber State College, 1976
- BUCKNER, TERRY HALE  
Ogden, Utah  
BS: Brigham Young University, 1977
- CARLSON, JOSEPH WENDELL  
Orem, Utah  
BS: Brigham Young University, 1977
- COLE, WILLIAM SLIKER, JR.  
Flemington, New Jersey  
BS: Murray State University, 1970
- CROSSLEY, JACK D.  
Chico, California  
BS: Brigham Young University, 1975
- DAVIEAU, LYLE EDWARD  
Provo, Utah  
BA: Brigham Young University, 1977
- DITTMORE, GARY WALLACE  
Provo, Utah  
BS: Brigham Young University, 1977
- FEITZ, DAVID A.  
Orem, Utah  
BS: Brigham Young University, 1978
- GODFREY, KIRK RALPH  
Logan, Utah  
BS: Utah State University, 1978
- GOOLEY, WILLIAM DUKE, JR.  
Wellsville, Utah  
BS: Utah State University, 1976
- HAWKES, DAVID MCENTIRE  
Salt Lake City, Utah  
BS: Brigham Young University, 1977
- HILL, STEPHEN R.  
Nephi, Utah  
BS: University of Nevada, Reno, 1975
- HOSLER, RICK J.  
Salt Lake City, Utah  
BS: University of Utah, 1976
- HUFFAKER, DALE CURT  
Logan, Utah  
BS: Brigham Young University, 1969
- IVERSON, DAVID CHARLES  
Layton, Utah  
BA: Weber State College, 1972
- JENKINS, L. SCOT  
Bountiful, Utah  
BS: University of Utah, 1978
- JOLLEY, LAYNE C.  
Salt Lake City, Utah  
BA: University of Utah, 1977
- KAUFMAN, RUSS C.  
New York City, New York  
BA: Queens College, 1974
- KAUFMANN, ERIKA  
Murnau, West Germany  
BA: Brigham Young University, 1977
- KRAUS, PETER B.  
Logan, Utah  
BS: Utah State University, 1978
- LECK, GARY ALAN  
Rossford, Ohio  
BS: Bowling Green State University, 1977
- LESTER, DON J.  
Brigham City, Utah  
BS: Utah State University, 1977
- LIAO, HSIAO CHIEN  
Taipei, Taiwan  
BS: Fu-Jen University, 1973
- MC CARTY, DARYL JOHN, JR.  
Salt Lake City, Utah  
BS: University of Utah, 1978
- MORTENSEN, BRENT DAVID  
Logan, Utah  
BS: Utah State University, 1978
- OWEN, LOUIS CLINTON  
Pleasant View, Utah  
BS: Brigham Young University, 1963
- PARKER, MICHAEL DOUGLAS  
Bountiful, Utah  
BS: Brigham Young University, 1974

PETERS, DAVID MICHAEL  
Riverdale, Utah  
BS: United States Military Academy, 1970

PORTER, LEX B.  
Logan, Utah  
BS: Utah State University, 1977

RAZA, SYED JAMSHED  
Lahore Punjab Pakistan  
BS: Utah State University, 1977

SHELTON, DAN DARWIN  
Seattle, Washington  
BS: Utah State University, 1974

SLACK, VERNON RASMUSON  
Huntington, West Virginia  
BS: Marshall University, 1977

SMITH, KERRY WYNN  
Brigham City, Utah  
BA: Utah State University, 1977

SRITULANONDH, PAISAL  
Bangkok, Thailand  
BS: Chulalongkorn University, 1975

SUGIRUTNACHAI, ORATHAL  
Bangkok, Thailand  
AB: Yassar College, 1973

TABRIZI, HAIDEH NOBARI  
Tehran, Iran  
BS: Utah State University, 1977

THOMAS, JAMES PHILLIP  
Salt Lake City, Utah  
BA: Utah State University, 1977

TINGEY, SCOTT T.  
Provo, Utah  
BS: Brigham Young University, 1976

TIU, SHUI-KWAN  
Tsuen Wan, Hong Kong  
BS: Brigham Young University, 1978

UERANANT, VILAI  
Bangkok, Thailand  
BS: Utah State University, 1977

WILLIAMS, JEFFREY JENKIN  
Rome, New York  
BS: Utah State University, 1974

WOLTERS, PAUL DEWAYNE  
Salt Lake City, Utah  
BA: University of Utah, 1977

WOODWARD, ELLIS JAMES  
Paul, Idaho  
BS: Utah State University, 1978

YANG, HYUN SOO  
Seoul, Korea  
BS: Seoul National University, 1975

YASINTORN, BOWORN  
Bangkok, Thailand  
BS: Chulalongkorn University, 1974

ZIMMER, RANDOLPH FRIEDRICH  
Wilton, Connecticut  
BSBA: Bucknell University, 1977

## MASTER OF EDUCATION

ABPLANALP, LARRY ROSS  
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BS: Utah State University, 1967  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

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Major: Instructional Media  
Major Professor: Dr. Michael DeBloois

BARAS, BETH ROBIN  
Chattanooga, Tennessee  
BS: Ohio University, 1976  
Major: Secondary Education  
Major Professor: Dr. Lincoln McClellan

BATES, RANDALL TROMBLY  
Liberty, Utah  
BS: Weber State College, 1970  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

BENTLEY, MARY ANN  
Cedar City, Utah  
BS: College of Southern Utah, 1961  
Major: Secondary Education  
Major Professor: Dr. Terrance Hatch

BOLTON, JOYCE H.  
Roosevelt, Utah  
BFA: Utah State University, 1977  
Major: Secondary Education  
Major Professor: Dr. Terrance Hatch

BRAMHALL, ROBERT ROY  
Layton, Utah  
BS: Utah State University, 1971  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

BREWSTER, CLAUDIA JANE  
Roy, Utah  
BS: Weber State College, 1973  
Major: Elementary Education  
Major Professor: Professor Evelyn Wiggins

BRYNER, PAUL W.  
Ogden, Utah  
BS: Weber State College, 1975  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

- BUTLER, STEVEN LYNN**  
Layton, Utah  
BS: Brigham Young University, 1969  
Major: Elementary Education  
Major Professor: Dr. Donald R. Daug
- CARNAHAN, NED EDWARD**  
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Major: Instructional Media  
Major Professor: Professor Duane E. Hedin
- CARROLL, EMMETT JEROME**  
Ventura, California  
BS: Northern Arizona University, 1974  
Major: Special Education  
Major Professor: Dr. Hyrum Henderson
- CHENEY, THOMAS H.**  
Los Angeles, California  
BA: California State University at Northridge, 1971  
Major: Instructional Media  
Major Professor: Dr. Michael DeBloo
- CHRISTENSEN, SHERON**  
Ogden, Utah  
BS: Weber State College, 1970  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch
- COOK, GEORGE SKEEN**  
Ogden, Utah  
BS: Weber State College, 1969  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson
- DIAMOND, SHERRY LYNN**  
BSE: University of Wisconsin-Whitewater, 1971  
Major: Secondary Education  
Major Professor: Dr. Dale Nelson
- DOVER, LEWIS J.**  
Cedar City, Utah  
BS: Southern Utah State College, 1973  
Major: Secondary Education  
Major Professor: Dr. Warren L. Burton
- DOWNES, REYNER BENNETT**  
Ridgely, Maryland  
BA: Bridgewater College, 1971  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson
- DUNCAN, LINDA HELEN**  
Green River Wyoming  
BS: Florida Atlantic University, 1970  
Major: Elementary Education  
Major Professor: Professor Evelyn Wiggins
- DUNCAN, WILLIAM DAVID**  
Green River, Wyoming  
BA: University of Wyoming, 1960  
Major: Instructional Media  
Major Professor: Dr. R. Kent Wood
- EARL, JESSY LAMAR**  
Deweyville, Utah  
BS: Utah State University, 1958  
Major: Elementary Education  
Major Professor: Dr. E. Malcom Allred
- ELMORE, MITCHELL WAYNE**  
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Major: Secondary Education  
Major Professor: Dr. Lincoln McClellan
- ERICKSON, DAVID BELNAP**  
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Major: Secondary Education  
Major Professor: Dr. Kenneth Farrer
- ESTERHOLDT, JANET JOY**  
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BS: Weber State College, 1969  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson
- FESSENDEN, W. WAYNE**  
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Major: Instructional Media  
Major Professor: Dr. Michael DeBloo
- FISHBURN, JENNIE LEORA**  
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BS: Utah State University, 1973  
Major: Special Education  
Major Professor: Dr. Devoe Rickert
- FLUCKIGER, JARENE**  
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BS: Brigham Young University, 1973  
Major: Special Education  
Major Professor: Dr. Devoe Rickert
- FREDRICKSON, VERA MARIANNE**  
Logan, Utah  
BS: Utah State University, 1971  
Major: Special Education  
Major Professor: Dr. Devoe Rickert
- FRESTON, CAROL JEAN**  
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BS: Weber State College, 1974  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson
- GEORGE, JUNE REYNOLDS**  
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Major: Secondary Education  
Major Professor: Dr. Richard S. Knight
- GILES, JERRY CHARLES**  
Soda Springs, Idaho  
BS: Utah State University, 1969  
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Major Professor: Dr. Richard S. Knight
- GRAVES, PATRICIA**  
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Major Professor: Dr. Don C. Smellie

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HOLT, D. JOSHUA

Tremonton, Utah  
BS: Utah State University, 1978  
Major: Secondary Education  
Major Professor: Dr. Theodore W. Ivarie

HULL, JOSEPH LAYNE

Hooper, Utah  
BA: Weber State College, 1971  
Major: Secondary Education  
Major Professor: Dr. Kenneth Farrer

HULSER, RICHARD PAUL

Flushing, New York  
BS: S.U.N.Y. at Stony Brook, 1976  
Major: Instructional Media  
Major Professor: Professor Robb Russon

JENKINS, ROBERT COREY

Layton, Utah  
BS: Utah State University, 1977  
Major: Secondary Education  
Major Professor: Dr. Roger L. Luft

JENSEN, CARL DEAN

Murray, Utah  
BFA: Utah State University, 1975  
Major: Instructional Media  
Major Professor: Dr. Don Smellie

JENSEN, ELIZABETH ANN

Gunnison, Utah  
BS: Brigham Young University, 1972  
Major: Special Education  
Major Professor: Dr. Devoe Rickert

JOHANSON, JEFFREY DANA

South San Francisco, California  
BA: San Francisco State University, 1977  
Major: Secondary Education  
Major Professor: Dr. Lincoln McClellan

KEIME, ALVA L.

Syracuse, Utah  
BA: Brigham Young University, 1971  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

KIMBALL, DONNA P.

Ogden, Utah  
BS: Weber State College, 1971  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

KOGA, BRENDA NAOMI

Ogden, Utah  
BS: Weber State College, 1974  
Major: Special Education  
Major Professor: Dr. Devoe Rickert

LATHAM, CAROL

Roosevelt, Utah  
BS: Utah State University, 1971  
Major: Secondary Education  
Major Professor: Dr. Izar Martinez

LOWE, LOIS

Tucumcari, New Mexico  
BS: University of Utah, 1968  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

LUDVIG, LUDWIG VAN

Moab, Utah  
BS: University of Cincinnati, 1972  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

LUNDSTROM, DAVID RALPH

Logan, Utah  
BA: Utah State University, 1976  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

MARTIN, RICKY ALAN

Encino, California  
BS: Utah State University, 1977  
Major: Special Education  
Major Professor: Dr. Phyllis R. Publicover

MAUGHAN, JOYCE

Bountiful, Utah  
BA: Utah State University, 1970  
Major: Special Education  
Major Professor: Dr. Phyllis R. Publicover

McIVER-COOPER, CAROLYN JANETTE

Spring Lake, North Carolina  
BS: Fayetteville State University, 1968  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

MECHAM, MELVIN EVERETT

Logan, Utah  
BS: Utah State Agricultural College, 1952  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

MERKLEY, CLYDE ERROL

Tridell, Utah  
BS: Utah State University, 1965  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

MUNNS, RON ROHLAND

Grace, Idaho  
BS: Utah State University, 1972  
Major: Instructional Media  
Major Professor: Dr. Don Smellie

NELSON, KATHRYN LYON

Wayzata, Minnesota  
BS: Creighton University, 1970  
Major: Elementary Education  
Major Professor: Dr. Bernard L. Hayes

NELSON, SHARON HALVERSON

Ogden, Utah  
BS: Weber State College, 1965  
Major: Special Education  
Major Professor: Dr. Devoe Rickert

ORTEGA, CATHERINE ANN

Roy, Utah  
BA: Weber State College, 1974  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

PACKER, STEVEN I.

Brigham City, Utah  
BA: Brigham Young University, 1967  
Major: Instructional Media  
Major Professor: Professor Duane E. Hedin

PAGE, STANLEY RAY

Centerville, Utah  
BFA: Utah State University, 1976  
Major: Instructional Media  
Major Professor: Dr. Don C. Smellie

PARRISH, JAN

Clearfield, Utah  
BS: Utah State University, 1963  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

PEARSON, CONSTANCE MARIE

Nashville, Tennessee  
BS: University of Tennessee, 1970  
Major: Instructional Media  
Major Professor: Professor G. Leon Beutler

PERCY, RICHARD D.

Sandy, Utah  
BA: Idaho State University, 1961  
Major: Instructional Media  
Major Professor: Dr. R. Kent Wood

POOLE, COLLEEN HAMMON

Idaho Falls, Idaho  
BS: Brigham Young University, 1974  
Major: Secondary Education  
Major Professor: Dr. Edward L. Houghton

PRENDERGAST, THERESE ANNE

Easton, Pennsylvania  
BA: St. Lawrence University, 1975  
Major: Special Education  
Major Professor: Dr. Hyrum Henderson

REED, GARY CHARLES

Ogden, Utah  
BS: Weber State College, 1973  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

ROBINSON, RICHARD G.

East Carbon, Utah  
BS: University of Utah, 1968  
Major: Instructional Media  
Major Professor: Professor Duane E. Hedin

ROBINSON, VAL RICHARD

North Logan, Utah  
BS: Utah State University, 1973  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

ROESTENBURG, JEAN P.

Salt Lake City, Utah  
BS: University of Utah, 1974  
Major: Special Education  
Major Professor: Dr. Devoe Rickert

ROLLINS, VERNAL K.

Lyman, Wyoming  
BS: University of Wyoming, 1957  
Major: Secondary Education  
Major professor: Dr. Walter L. Saunders

RUSSELL, GORDON ARTHUR

Eden, Utah  
BS: Utah State University, 1963  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

SANDOVAL, SANTIAGO C.

Clinton, Utah  
BA: Weber State College, 1976  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

SCHOCKMEL, RICHARD BRIAN

Logan, Utah  
BA: Utah State University, 1972  
Major: Instructional Media  
Major Professor: Dr. R. Kent Wood

SHERMAN, DAVID PROUTY

Oxford, Massachusetts  
BS: Springfield College, 1976  
Major: Secondary Education  
Major Professor: Professor Nolan K. Burnett

SIMMONS, D. REESE

Idaho Falls, Idaho  
BA: Brigham Young University, 1972  
Major: Special Education  
Major Professor: Dr. Hyrum Henderson



SPENCER, ROBERT SCOTT

Ogden, Utah  
BS: Weber State College, 1974  
Major: Elementary Education  
Major Professor: Dr. D. Jean Pugmire

TAGGART, TIMOTHY LAMBERT

Grace, Idaho  
BS: Utah State University, 1975  
Major: Instructional Media  
Major Professor: Dr. Don C. Smellie

TAYLOR, RUBY EDITH

Brigham City, Utah  
BS: Brigham Young University, 1970  
Major: Elementary Education  
Major Professor: Dr. Bernard L. Hayes

THOMAS, DALE

Portage, Utah  
BS: Utah State University, 1974  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

THOMPSON, MARCIA ELAINE

Farmington, Maine  
BS: University of Maine at Portland-Gorham, 1973  
Major: Instructional Media  
Major Professor: Dr. Don C. Smellie

THOMPSON, MERTON E.

Farmington, Maine  
BS: University of Maine at Portland-Gorham, 1973  
Major: Instructional Media  
Major Professor: Professor Barry Willis

TOMPKINS, EDWARD

Atlantic City, New Jersey  
BS: Utah State University, 1973  
Major: Special Education  
Major Professor: Dr. Marvin Fifield

TUNNELL, MICHAEL O'GRADY

Vernal, Utah  
BA: University of Utah, 1973  
Major: Instructional Media  
Major Professor: Dr. Brenda Branyan

TURNER, DARREL GEORGE

Brigham City, Utah  
BS: Utah State University, 1970  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

WADDOUPS, ODETTE

Salt Lake City, Utah  
BS: University of Utah, 1968  
Major: Elementary Education  
Major Professor: Dr. Malcom Allred

WHITE, BRUCE A.

South Portland, Maine  
BS: University of Main Portland-Gorham, 1972  
Major: Instructional Media  
Major Professor: Dr. Don C. Smellie

WHITWORTH, FAYE ATTAWAY

Tacoma, Washington  
MED: Utah State University, 1972  
Major: Special Education  
Major Professor: Dr. Phyllis R. Publicover

WILLIS, JOYCE C.

Paris, Idaho  
BS: Utah State University, 1960  
Major: Elementary Education  
Major Professor: Dr. Jay Monson

WILSON, CHRISTOPHER H.

South Bend, Indiana  
BM: Utah State University, 1978  
Major: Secondary Education  
Major Professor: Professor Isaac M. Ostrow

**MASTER OF ENGINEERING**

CHANG, YUAN HSING

Taipei, Taiwan ROC  
BS: Feng Chia College of Engineering & Business, 1971  
Major: Engineering  
Major Professor: Dr. Calvin G. Clyde  
Thesis: M.E. Report

HSU, HSI-TAI

Taipei, Taiwan ROC  
BE: Tamkang College, 1974  
Major: Engineering  
Major Professor: Dr. Carl D. Spear  
Thesis: M.E. Report

JONES, CHARLES ROBERT

Merced, California  
BA: Utah State University, 1977  
Major: Engineering  
Major Professor: Professor Earl F. Pound  
Thesis: M.E. Report

KEMP, EARL SPAFFORD

Villa Park, Illinois  
BSLE: Brigham Young University, 1973  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: M.E. Report

KUMAR, V. K.

Bangalore, Karnataka, India  
BE: Bangalore University, 1976  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: M.E. Report

KWAN, PAK-WAI

Kowloon, Hong Kong  
BS: Hong Kong Baptist College, 1974  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: M.E. Report

PANSE, AJIT  
Bombay, India  
BE: Southwest Regional Engineering College, 1973  
Major: Engineering  
Major Professor: Professor W. Karl Somers

REDDY, NERABETLA CHITRANJAN  
Hyderabad Andhra Pradesh, India  
BS: Jawaharlal Nehru Technological University, 1977  
Major: Engineering  
Major Professor: Professor David A. Burt  
Thesis: M.E. Report

ROKNI, TOORAJ  
Tehran, Iran  
BS: Utah State University, 1977  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: M.E. Report

WANG, SHAW-BAI  
Hsinchu, Taiwan  
BS: Taiwan Provincial College, 1970  
Major: Engineering  
Major Professor: Dr. Ralph H. Haycock  
Thesis: M.E. Report

WONG, TA-YONG  
Taipei, Taiwan ROC  
MS: Utah State University, 1978  
Major: Engineering  
Major Professor: Dr. William L. Jones  
Thesis: M.E. Report

#### MASTER OF FINE ARTS

BEDFORD, KEVIN RANDALL  
Miami, Florida  
BS: University of Florida, 1976  
Major: Art  
Major Professor: Professor R. T. Clark  
Thesis: A Study in the Use of Subjective Color Applications  
in Photographic Imagery

HENDRICKSON, ALICE MONTGOMERY  
Frederick, Maryland  
BFA: Utah State University, 1973  
Major: Art  
Major Professor: Professor Harrison Groutage  
Thesis: Still Life as Personal Imagery

SEESURAT, THUMRONGLUCK  
Saraburi, Thailand  
BS: University of Montana, 1975  
Major: Art  
Major Professor: Professor Larry Elsner  
Thesis: Monumental Welded Steel Sculpture in Geometric  
Forms

THOMAS, KEITH RICHARD  
Spanish Fork, Utah  
BS: Utah State University, 1972  
Major: Theatre Arts  
Major Professor: Professor Colin B. Johnson  
Thesis: Plan B

WATT, NEPHI CHAD  
Pingree, Idaho  
BS: Utah State University, 1970  
Major: Art  
Major Professor: Professor Larry Elsner  
Thesis: Plan B

WEAMER, DAVID PAUL  
Detroit, Michigan  
M. of Divinity: San Francisco Theological  
Seminary, 1971  
Major: Theatre Arts  
Major Professor: Professor Colin B. Johnson  
Thesis: Plan B

WHITLOCK, ANDREW MICHAEL  
Salt Lake City, Utah  
BFA: Utah State University, 1977  
Major: Art  
Major Professor: Professor R. T. Clark  
Thesis: Forms and Patterns Found in a Natural State

#### MASTER OF FORESTRY

LEADINGHAM, TIMOTHY SCOTT  
Bellbrook, Ohio  
BS: Miami University, 1974  
Major: Forest Management  
Major Professor: Dr. Raymond R. Moore  
Thesis: M.F. Report

STEENBERG, PAUL EDWARD  
St. Paul, Minnesota  
BA: Concordia College, 1970  
Major: Forest Management  
Major Professor: Dr. K. Norman Johnson  
Thesis: M. F. Report

#### MASTER OF INDUSTRIAL EDUCATION

BROCK, DORREL LEE  
Holtville, California  
BS: Southern Utah State College, 1974  
Major: Industrial and Technical Education  
Major Professor: Dr. Carl R. Wallis

ERICKSON, RONDO "H"  
Clearfield, Utah  
BS: Utah State University, 1969  
Major: Industrial and Technical Education  
Major Professor: Dr. Neill C. Slack

GROVER, NEAL DAVID  
Salt Lake City, Utah  
BS: Utah State University, 1976  
Major: Industrial and Technical Education  
Major Professor: Dr. Austin Loveless

SLADE, JAY LYNN  
St. George, Utah  
BS: Southern Utah State College, 1971  
Major: Industrial and Technical Education  
Major Professor: Dr. Carl R. Wallis

TANNER, DAVID RALPH  
Palo Alto, California  
BS: Utah State University, 1972  
Major: Industrial and Technical Education  
Major Professor: Dr. Carl R. Wallis

THORNOCK, BLAINE REED  
Ogden, Utah  
BS: Utah State University, 1961  
Major: Industrial and Technical Education  
Major Professor: Dr. Austin Loveless

#### MASTER OF LANDSCAPE ARCHITECTURE

CARMAN, WILLIAM F.  
Danville, Kentucky  
B. of General Studies: University of Kentucky, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Carlisle Becker  
Thesis: Plan B

FOTHERINGHAM, MICHAEL DOUGLAS  
Logan, Utah  
BFA: Brigham Young University, 1974  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Jerry W. Fuhriman  
Thesis: Guide to Residential Landscape Development for Logan, Utah

KANIA, MICHAEL RICHARD  
Erie, Pennsylvania  
BSLA: Penn State University, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Craig Johnson  
Thesis: Physical Planning on New Towns in Arctic and Subarctic Regions

MACDONALD, STUART HUGH  
San Diego, California  
BA: San Francisco State University, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Vern Budge  
Thesis: Evaluation of Recreational Re-Use of Abandoned Railroad Rights-of-Way

QUIGLEY, MARTIN F.  
Cornwall-on-Hudson, New York  
BA: Cornell University, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Craig W. Johnson  
Thesis: Lighting the Landscape

#### MASTER OF MATHEMATICS

DIRKS, DONALD E.  
Four Lakes, Washington  
BA: Western Washington State College, 1967  
Major: Mathematics  
Major Professor: Dr. Michael P. Windham

MONK, LORETTA MOORE  
Warsaw, North Carolina  
BS: Fayetteville State University, 1977  
Major: Mathematics  
Major Professor: Dr. Michael P. Windham

#### MASTER OF SCIENCE

ADAMS, DENNIS JACK  
St. George, Utah  
BS: University of Utah, 1974  
Major: Biology  
Major Professor: Dr. Rex S. Spendlove  
Thesis: Concentration of Infectious and Potentially Infectious Reovirus Particles from Polluted Waters by Protamine Sulfate

AGUIRRE, XAVIER F.  
Merida, Venezuela  
BS: Universidad de Los Andes, 1974  
Major: Irrigation Science  
Major Professor: Dr. Lyman S. Willardson  
Thesis: Structural Performance of Plastic Foam Beads Used as Envelope Material for Buried Plastic Drain Tubing

AL-ATTAR, HANI J.  
Mosul, Iraq  
BS: University of Mosul, 1972  
Major: Biology  
Major Professor: Dr. William A. Brindley  
Thesis: Toxicity of Carbofuran, Landrin, Croneton, and Aminocarb in Relation to Age, Sex, and Pretreatment with Piperonyl Butoxide of Alfalfa Leafcutting Bees, *Megachile Pacifica*

ALDOUS, CHARLES NEWELL, III  
Menlo Park, California  
BS: University of California, Davis, 1973  
Major: Toxicology  
Major Professor: Dr. R. P. Sharma  
Thesis: Central Nervous System Toxicity of Alpha-Chaconine in Rats

ALI, MOHAMMAD AIDRUS  
Aden, Yemen  
BS: Tripoli University, 1975  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Paul D. Christensen  
Thesis: The Yield of Grain and Dry Matter in Four Varieties of Barley as Affected by the Amount of Water Available to the Crop

AL-JABOURI, OMAIMA MOHAMMED  
Baghdad, Iraq  
BS: University of Baghdad, 1972  
Major: Sociology  
Major Professor: Dr. Theres R. Black  
Thesis: A Functional Analysis of the Extension Service Center for the Rural Woman in Iraq in Relation to Selected Factors in the Social Participation Process

ALLEN, THOMAS JOHN

Eureka, California  
BS: Humboldt State University, 1974  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: Secondary Consolidation Characteristics of a Slightly Overconsolidated Clay

AL-RASHID, NAZIH TURKI

Qurna Bashrah, Iraq  
BA: University of Baghdad, 1965  
Major: Sociology  
Major Professor: Dr. Tharel R. Black  
Thesis: The Relation of Employment Status to the Level of Participation in Child Rearing Role of a Selected Sample of Mothers in Logan, Utah, 1978

ALZERRECA, HUMBERTO ANGELO

Tupiza Potosi, Bolivia  
Ing. Agronomo: Universidad of San Simon, 1975  
Major: Range Science  
Major Professor: Dr. Philip J. Urness  
Thesis: Plan B

AMIRFATHI, PARVANEH

Rezaiyeh, Iran  
BS: Girls College of Iran, 1971  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Non-thesis

ANDRE, JOHN BISHOP

Sturgis, Kentucky  
BS: Murray State University, 1972  
Major: Biology Ecology  
Major Professor: Dr. James MacMahon  
Thesis: Feeding Habits and Reproduction of Three Sympatric Lizard Species from West-Central Utah

ARENTZ, MARGARET CORNELIA

Salt Lake City, Utah  
BS: University of Utah, 1974  
Major: Communication  
Major Professor: Professor Gerald L. Allen  
Thesis: A Study of the Effect of Utilization of Videotape Instruction in a University Microbiology Laboratory Course

BAKKEN, LINDA

Marquette, Michigan  
BA: Northern Michigan University, 1960  
Major: Family and Human Development  
Major Professor: Dr. J. Craig Peery  
Thesis: Non-Verbal Behaviors of Sociometrically Identified Preschool Children

BAMATRAF, ABDURHMAN MOHAMED

Mukulla, Yemen  
BS: University of Baghdad, 1974  
Major: Soil Science & Biometeorology  
Major Professor: Dr. Robert J. Wagenet  
Thesis: The Interaction of Salinity, Irrigation Management and Fertilization on Barley

BARANOWSKI, DONNA

Arlington Heights, Illinois  
BS: Dominican, 1969  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: Plan B

BATISTA, MANUEL DE JESUS

Brazilia D. F., Brazil  
BS: U.F. Rural do Rio De Janeiro, 1966  
Major: Irrigation Science  
Major Professor: Dr. Lyman S. Willardson  
Thesis: Effect of Soil Compaction on Hydraulic Failure of Soils

BAUER, KIM P.

Red Bank, New Jersey  
BS: Eastern New Mexico University, 1976  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Plan B

BEECHER, ALICE JO

Preston, Idaho  
BS: Utah State University, 1968  
Major: Communicative Disorders  
Major Professor: Professor L. Jaclyn Littledike  
Thesis: An Information Packet for the Parents of Cleft Lip and/or Palate Children

BELADI, SEYED ABDOLHAMID

Ahwaz Khuzestan, Iran  
BS: Rasht Commercial College, 1974  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Non-Thesis

BERG, CARL STACEY

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Major Professor: Dr. Steven H. Viehweg  
Thesis: Plan B

BEUTLER, MELODY TAYLOR

Vernal, Utah  
BS: Utah State University, 1977  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: Effects of Perceived Child Rearing Practices on Moral Character

BISHOP, STEVEN LEWIS

Kaysville, Utah  
BS: Utah State University, 1972  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B

BLAIR, JANE FRANCES DAVIS

Ogden, Utah  
BS: Weber State College, 1971  
Major: Business Education  
Major Professor: Dr. H. Robert Stocker  
Thesis: Plan B

- BOLTON, SHERRY McGHEE**  
Roosevelt, Utah  
BS: Eastern Montana College, 1972  
Major: Business Education  
Major Professor: Dr. Edward L. Houghton  
Thesis: Plan B
- BORUP, CHARLES WRAY**  
North Augusta, South Carolina  
BS: Utah State University, 1973  
Major: Town and Regional Planning  
Major Professor: Professor Paul L. Wegkamp  
Thesis: Environmental Planning and the Home Grounds
- BRADFORD, MEG CLARK**  
Orem, Utah  
BS: Utah State University, 1977  
Major: Communicative Disorders  
Major Professor: Professor Thomas C. Clark  
Thesis: Plan B
- BRISTOW, RANDALL "K"**  
Eugene, Oregon  
BS: Brigham Young University, 1975  
Major: Special Education  
Major Professor: Dr. Daniel P. Morgan  
Thesis: Attitudes of Utah Special Education Teachers  
Toward Individualized Education Programs
- BROBERG, THOMAS JOHN**  
Logan, Utah  
BS: Utah State University, 1966  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B
- BROWN, TROY LANE**  
Hyrum, Utah  
BS: Utah State University, 1978  
Major: Engineering  
Major Professor: Dr. Allan J. Steed  
Thesis: A Phase-Locked Servo System Using Instantaneous  
Phase Detection for Controlling Mirror Position of a  
Michelson Interferometer
- CALL, JOY ALENE**  
Dublin, Ohio  
BS: Utah State University, 1977  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Robert J. Wagenet  
Thesis: Soil Salinity Measurements as Compared to Yield
- CAMPBELL, PAUL VANCE**  
Springville, Tennessee  
BS: U.S. Military Academy, West Point, 1970  
Major: Sociology  
Major Professor: Dr. Pamela J. Riley  
Thesis: Formalization of Containment Theory
- CARRASCO, SILVIO**  
Santo Domingo, Dominican Republic  
Ing. Agronomo: University Catolica  
Madrey Maestra, 1975  
Major: Irrigation Science  
Major Professor: Dr. Glen E. Stringham  
Thesis: Flow Through Siphon Tubes
- CARVALHO, ELIONAI PENNA DE**  
Salvador Bahia, Brazil  
BS: Federal da Bahia, 1970  
Major: Home Economics & Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: Plan III
- CASTELLANOS M., ALFONSO JOSE**  
Lagunillas Zulia, Venezuela  
Ing. Agronomo: Central University of  
Venezuela, 1974  
Major: Agricultural Economics  
Major Professor: Dr. Roice H. Anderson  
Thesis: Plan B
- CHAIMONGKOL, PRAVIT**  
Kratumbaen Samutsakorn, Thailand  
BS: Chiang Mai University, 1973  
Major: Political Science  
Major Professor: Dr. Phillip S. Spoerry  
Thesis: Plan B
- CHAMBERS, JEANNE CECILE**  
Filer, Idaho  
BS: Idaho State University, 1975  
Major: Range Science  
Major Professor: Dr. Brien E. Norton  
Thesis: The Effects of Grazing on Salt Desert Shrub Species  
Survival During a Period of Below-Average Precipitation
- CHENEY, (GARBER) PAMELA ANN**  
Logan, Utah  
BS: University of the Americas, 1967  
Major: Psychology  
Major Professor: Dr. Carl D. Cheney  
Thesis: The Effects of Inescapable Shock on Competitive  
Dominance in Rats
- CHERRY, MARION BARCH**  
Allentown, Pennsylvania  
BA: Catawba College, 1973  
Major: Wildlife Science  
Major Professor: Dr. David F. Balph  
Thesis: An Experimental Analysis of the Alarm Calls of  
Captive Uinta Ground Squirrels (*Spermophilus armatus*)
- CHRISTIANSEN, JOHN HEBER**  
Tooele, Utah  
BS: Utah State University, 1977  
Major: Engineering  
Major Professor: Dr. Ralph H. Haycock  
Thesis: The Thickness Variation of Plates That Will Deflect  
to a Spherical Surface
- CHRISTIANSEN, MICHAEL LEE**  
Salt Lake City, Utah  
BS: Utah State University, 1975  
Major: Animal Science  
Major Professor: Dr. Lorin E. Harris  
Thesis: Linear Models for Estimating the Nutritive Value of  
Sheep Diets
- CHU, IP HO**  
Hong Kong, China  
BS: Utah State University, 1977  
Major: Economics  
Major Professor: Dr. Kenneth S. Lyon  
Thesis: Non-thesis

COOMBS-JOHNSON, CATHERINE K.  
Boise, Idaho  
BS: Brigham Young University, 1975  
Major: Family and Human Development  
Major Professor: Dr. Jay D. Schvaneveldt  
Thesis: Parent-Child Affinity as Perceived by Basque Adolescents

CRAWFORD, MARIANNE  
Salt Lake City, Utah  
BS: Utah State University, 1973  
Major: Wildlife Science  
Major Professor: Dr. John N. Neuhold  
Thesis: Reproductive Modes of the Least Chub (*Iotichthys phlegethontis* - Cope)

CROSSMAN, SHARYN M.  
San Jose, California  
BS: Utah State University, 1976  
Major: Family and Human Development  
Major Professor: Professor Gerald R. Adams  
Thesis: Relationship Between Single-Parenting and Preschool Experiences on the Development of the Preschool Child

CUNNINGHAM, MICHAEL JOHN  
Ithaca, New York  
BS: Cornell University, 1975  
Major: Biology  
Major Professor: Dr. LeGrande C. Ellis  
Thesis: Alterations of Rat Testicular Phospholipase A<sub>2</sub> Activity by Calcium, Androgens, and Progesterone

DALY, GLADYS D.  
Salt Lake City, Utah  
BS: Westminster College, 1974  
Major: Industrial Education  
Major Professor: Dr. Carl R. Wallis  
Thesis: Career Counseling in Related Health Occupations

DEESE, SEBELLE KYLE GATES  
Natchez, Mississippi  
EdB: University of Hawaii, 1975  
Major: Business Education  
Major Professor: Dr. H. Robert Stocker  
Thesis: Plan B

DEMARS, HOWARD GRIFFIN  
Logan, Utah  
BS: Utah State University, 1976  
Major: Physics  
Major Professor: Dr. Robert W. Schunk  
Thesis: Transport Equations for Multispecies Plasmas Based on a Bi-Maxwellian Distribution

DINWOODIE, ROBERT C.  
BS: Purdue University, 1971  
Major: Biochemistry  
Major Professor: Dr. Elizabeth A. Boeker  
Thesis: A Unified Radiometric Assay System for the Gaba-Glutamate Regulating Enzymes

ENOMOTO, CARL EDWARD  
Ogden, Utah  
BS: Utah State University, 1977  
Major: Economics  
Major Professor: Dr. Terrance F. Glover  
Thesis: The Economics of Fertility in Utah

ERNSTROM, VERA JEAN  
Logan, Utah  
BS: Utah State University, 1976  
Major: Communicative Disorders  
Major Professor: Dr. Thomas S. Johnson  
Thesis: Feasibility of Endoscopic Photography for Documenting Laryngeal Status

EVANS, ANNE ELIZA  
Stratford, New Hampshire  
BS: University of New Hampshire, 1974  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Plan B

FAKHRAEI, HAMID  
Dezfoul Khouzistan, Iran  
BS: Rasht Commerical College, 1974  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Non-Thesis

FIFIELD, VONETA JANE  
Logan, Utah  
BS: Utah State University, 1971  
Major: Special Education  
Major Professor: Dr. Daniel P. Morgan  
Thesis: Parent and School Staff Attitudes Toward Meetings to Develop Individualized Education Programs which Include/Exclude the Learning Disabled Child

FITCH, ALICE SHUGARS  
Boyce, Virginia  
BS: James Madison University, 1971  
Major: Family and Human Development  
Major Professor: Dr. Don C. Carter  
Thesis: Parenting Attitudes and the Development of Divergent Thinking in Pre-School Children

FREITAS, CHRISTOPHER JOSEPH  
Sacramento, California  
BS: Humboldt State University, 1977  
Major: Engineering  
Major Professor: Dr. Gary Z. Watters  
Thesis: Salinity Transport Between Layers of a Stratified Shear Flow

FUKUI, FRANCINE  
Tremonton, Utah  
BS: Utah State University, 1976  
Major: Elementary Education  
Major Professor: Dr. Donald R. Daus  
Thesis: The Development and Validations of an Assessment Instrument to Measure Environmental Education Competencies for Level III of the Elementary Teacher Training Program at Utah State University

GANDARILLAS, HUMBERTO  
LaPaz, Bolivia  
Civil Engr.: Universidad de Guanajuato, 1975  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: Influence of a Buried Clay Layer on the Passive Resistance Developed Against an Anchored Bulkhead

GANZER NETO, FRANCISCO

Flores Da Cunha-RS, Brazil  
BS: University Federal de Pelotas,-R.S.  
-Brazil, 1973  
Major: Irrigation Science  
Major Professor: Dr. Jack Keller  
Thesis: Small Diameter Tubing Hydraulics for Trickle  
Irrigation Design

GEBRELUL, SEBHATU W.

Asmara Eritrea, Ethiopia  
BS: National University of Ethiopia, 1972  
Major: Animal Science  
Major Professor: Dr. Warren C. Foote  
Thesis: Factors Affecting Ewe Reproduction and Lamb  
production Traits in Targhee and Crossbred Targhee  
Range Ewes and Relationships Among Important Traits

GEPHART, GLENN

Eureka, California  
BS: University of California, Berkeley, 1974  
Major: Wildlife Science  
Major Professor: Dr. Michael L. Wolfe  
Thesis: Development and Validation Test of a Mule Deer  
Habitat Rule

GERING, DOUGLAS ALAN

Roy, Utah  
BS: Utah State University, 1975  
Major: Communicative Disorders  
Major Professor: Dr. Thomas S. Johnson  
Thesis: Plan B

GHAEMMAGHAMI, MAHSHID

Tehran, Iran  
BS: National University of Iran, 1976  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Non-thesis

GONZALES, MYRNA CUBOL

Pandacan Manila, Philippines  
BS: University of the City of Manila, 1973  
Major: Sociology  
Major Professor: Dr. Yun Kim  
Thesis: The Impact of Changes in Marriage Patterns on Fer-  
tility in the Philippines

GONZALEZ CHACON, FRANCISCO JOSE

San Antonio Monagas, Venezuela  
BS: Universidad de Oriente, 1969  
Major: Applied Statistics  
Major Professor: Dr. Ronald V. Canfield  
Thesis: Plan B

GRAYBILL, BEVAN TODD

Lawton, Oklahoma  
BA: University of Oklahoma, 1975  
Major: Psychology  
Major Professor: Dr. Elwin C. Nielsen  
Thesis: The Effectiveness of a Comprehensive Peer Counsel-  
ing Program on Academic Adjustment

GREEN, JOE ALLAN

Ephraim, Utah  
BS: Utah State University, 1975  
Major: Political Science  
Major Professor: Dr. Edward H. Allen  
Thesis: Energy Conservation Policy: Justification and  
Implementation

GREENWOOD, RICHARD JOHN

American Fork, Utah  
BS: Utah State University, 1976  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: Development of a Liquefaction Opportunity Map for  
Cache Valley, Utah

GREENWOOD, (TAYLOR) TERRI LEE

Idaho Falls, Idaho  
BS: Utah State University, 1977  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Compliance of Current Hearing Aids to 1976 ANSI  
Standards

GRIMES, JAMES W.

Cupertino, California  
BS: College of Idaho, 1975  
Major: Biology  
Major Professor: Dr. Arthur H. Holmgren  
Thesis: The Flora of Leslie Gulch, Malheur, County, Oregon

GROSS, ROBERT LEE

Antioch, Illinois  
BS: Utah State University, 1978  
Major: Engineering  
Major Professor: Dr. Trevor C. Hughes  
Thesis: Instantaneous Domestic Water Demand in Semi-  
Arid Regions

GULLIFORD, GARY OWEN

Cedar City, Utah  
BS: Utah State University, 1972  
Major: Engineering  
Major Professor: Dr. Warren F. Phillips  
Thesis: Experimental Evaluation of Mathematical Models  
for a Flat Plate Solar Collector

HAMA, NAZAR NOWMAN

Baquba Diala, Iraq  
BS: University of Mosul, 1972  
Major: Biology  
Major Professor: Dr. Donald W. Davis  
Thesis: The Effects of High Temperature and Low Relative  
on Survival of Nondiapausing Pupae of *Bathyplectes cur-  
culionis*

HANSEN, ROGER DENNIS

BA: Brigham Young University, 1970  
Major: Engineering  
Major Professor: Dr. A. Bruce Bishop  
Thesis: A Stochastic Mixed-Integer Programming Model for  
Regions Facing Uncertainty

- HANSON, DAVID FREDERICK  
Orinda, California  
BS: University of California, Santa Barbara, 1973  
Major: Wildlife Science  
Major Professor: Dr. George Innis  
Thesis: A Model of the Effects of Physical Factors in the Truckee River on Spawning Success of Cutthroat Trout
- HARROP, RICHARD KENT  
Ogden, Utah  
BS: Utah State University, 1977  
Major: Communicative Disorders  
Major Professor: Professor L. Jaclyn Littledike  
Thesis: Plan B
- HARVEY, MICHAEL JON  
American Fork, Utah  
BS: Brigham Young University, 1973  
Major: Toxicology  
Major Professor: Dr. R. P. Sharma  
Thesis: The Effect of Selected Organophosphorus Compounds on Protein Metabolism in a Serially Cultured Neuroblastoma Cell Line
- HASH, MARILYN HENRIKSEN  
Brigham City, Utah  
BS: Iowa State University, 1956  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: A Comparison of Indian and Non-Indian Families as Perceived by the Female High School Student
- HENNES, ROBERT WAYNE  
Mountain View, Wyoming  
BA: Knox College, 1975  
Major: Watershed Science  
Major Professor: Dr. George E. Hart  
Thesis: Effects of Slash Treatments on Soil-Water Chemistry Using Ceramic Cup Samples
- HILL, RANDALL JONES  
Wellsville, Utah  
BS: Utah State University, 1977  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: A Liquefaction Potential Map for Cache Valley, Utah
- HOFFMAN, STEPHEN WRAY  
Media, Pennsylvania  
BS: Albright College, 1973  
Major: Wildlife Ecology  
Major Professor: Dr. Frederick F. Knowlton  
Thesis: Coyote-prey Relationships in Curlew Valley During a Period of Low Jackrabbit Density
- HOLSTROM, THOMAS ARTHUR  
Prairie Village, Kansas  
BS: Colorado State University, 1975  
Major: Engineering  
Major Professor: Dr. Richard H. Hawkins  
Thesis: Turbidity-Suspended Sediment Relations in a Subalpine Watershed
- HOUGHTON, RONALD J.  
Grants Pass, Oregon  
BS: Southern Oregon State College, 1972  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B
- ISRAELSEN, CYNTHIA S.  
Ogden, Utah  
BS: Utah State University, 1977  
Major: Nutrition & Food Sciences  
Major Professor: Dr. Bonita W. Wyse  
Thesis: Comparative Analysis of WIC Participants in the Bear River Health District
- JACOB, GERALD R.  
Hite, Utah  
BA: University of Chicago, 1974  
Major: Outdoor Recreation  
Major Professor: Dr. Richard Schreyer  
Thesis: Conflict in Outdoor Recreation
- JENSEN, SHERMAN EDWARDS  
Salt Lake City, Utah  
BS: Utah State University, 1977  
Major: Soil Science and Biometeorology  
Major Professor: Dr. R. L. Smith  
Thesis: A Study of Lead and Cadmium with Respect to the Plant-Soil System and the Potential Hazard to Herbivores
- JENSEN, STEVEN RAY  
Mt. Pleasant, Utah  
BS: Utah State University, 1977  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Von T. Mendenhall  
Thesis: The Effects of Added Dietary Fat on Turkey Carcass Composition
- JONES, JERRY VENAL  
Logan, Utah  
BS: Utah State University, 1976  
Major: Communicative Disorders  
Major Professor: Dr. Frederick S. Berg  
Thesis: Plan B
- JONES, SUSAN MYRNA  
Turlock, California  
BS: University of California, Davis, 1976  
Major: Psychology  
Major Professor: Dr. Michael Bertoch  
Thesis: An Investigation of the Influence of Cooperating Teachers on the Educational Goal Ranking Behavior of Student Teachers
- JUNNA, MOHAN REDDY  
India  
BS: A.P. Agriculture University, 1974  
Major: Irrigation Science  
Major Professor: Dr. Jack Keller  
Thesis: Low-Pressure Sprinkler Nozzle Orifice
- KAN, STEPHEN HAUWAH  
Hong Kong  
MS: Utah State University, 1977  
Major: Applied Statistics  
Major Professor: Dr. Ronald V. Canfield  
Thesis: Plan B



**KEMP, MICHAEL CHARLES**

Chattanooga, Tennessee  
BS: Tennessee Technological University,  
1976  
Major: Engineering  
Major Professor: Dr. Dennis B. George  
Thesis: Evaluation and Comparison of Overland Flow and  
Spray Irrigation to Upgrade Secondary Wastewater  
Lagoon Effluent

**KENNEDY, MARTIN E.**

Smithfield, Utah  
MS: George Washington University, 1972  
Major: Wildlife Science  
Major Professor: Dr. William F. Sigler  
Thesis: Plan B

**KESORNSAOWAPARK, RUCHIRA**

Bangkok, Thailand  
BS: Chulalongkorn University, 1975  
Major: Communication  
Major Professor: Dr. Harold J. Kinzer  
Thesis: Plan B

**KHOSROSHAHIN, MEHDI**

Karadj, Iran  
BS: Utah State University, 1964  
Major: Agricultural Economics  
Major Professor: Dr. Lynn H. Davis  
Thesis: Plan B

**KIMBALL, KIRK R.**

Kanosh, Utah  
BS: Utah State University, 1975  
Major: Political Science  
Major Professor: Dr. Jim Mulder  
Thesis: Plan B

**KNIGHT, SANDRA WALLS**

Sand Springs, Oklahoma  
AB: Washington University, 1972  
Major: Wildlife Science  
Major Professor: Dr. Frederick F. Knowlton  
Thesis: Dominance Hierarchies of Captive Coyote Litters

**KNIGHT, WILLIAM GLENN**

Layton, Utah  
BS: Utah State University, 1975  
Major: Soil Science and Biometeorology  
Major Professor: Dr. John J. Skujins  
Thesis: Microbial Respiration Rates and ATP Concentrations at Reduced Water Potentials in Soils

**KNOPP, CHRISTOPHER MAYLOND**

Dovsman, Wisconsin  
BS: University of California, Berkeley, 1975  
Major: Forest Science  
Major Professor: Dr. George E. Hart  
Thesis: Infiltration and Erosion on Phosphate Mine Overburden Spoils

**KREMP, SABINE CHARLOTTE**

Tucson, Arizona  
BS: University of Arizona, 1972  
Major: Political Science  
Major Professor: Dr. John A. Baden  
Thesis: Plan B

**KULCSAR, ELIZABETH ANNE**

Ogden, Utah  
BS: Long Island University, 1970  
Major: Special Education  
Major Professor: Dr. Hyrum S. Henderson  
Thesis: The Effects of Multi-Sensory Reading Readiness  
Instruction and Direct Instruction in Beginning Reading

**LAMPE, SHARON G.**

Afton, Wyoming  
AB: Sonoma State College, 1964  
Major: Special Education  
Major Professor: Dr. Hyrum S. Henderson  
Thesis: A Study of the Effects of a Variable Interval Reinforcement Program on Pupil Behavior

**LARSEN, ERIC CHARLES**

Wichita, Kansas  
BS: Kansas State University, 1975  
Major: Wildlife Ecology  
Major Professor: Dr. David R. Anderson  
Thesis: Habitat Partitioning Among Coexisting Desert  
Rodents: Two Examples of Species Packing

**LARSEN, TODD SCOTT**

San Antonio, Texas  
BA: University of Texas at Austin, 1976  
Major: Psychology  
Major Professor: Dr. E. Wayne Wright  
Thesis: The Effects of the Physical Attractiveness Stereotype  
on Therapists' Perceptions of Clients

**LEE, EDUARDO FAMA**

Philippines  
BS: Feati University, 1971  
Major: Sociology  
Major Professor: Dr. Yun Kim  
Thesis: School Population Projections for the Philippines,  
1970-2000

**LEWIS, DELINDA**

Bountiful, Utah  
BS: Utah State University, 1977  
Major: Communicative Disorders  
Major Professor: Professor Carol J. Strong  
Thesis: Elicitation Tasks for Phases 1-3 of the Bloom and  
Lahey Language Development Plan

**LIN, FRANK CHUNG-HUEI**

Taipei, Taiwan  
BS: National Taiwan University, 1973  
Major: Engineering  
Major Professor: Dr. Stephen Y.H. Su  
Thesis: Single Bridging Faults in General Combinational  
Networks

**MANIERI, MICHAEL R.**

Philadelphia, Pennsylvania  
BS: West Chester State College, 1977  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: Plan B

MARQUARDT, JOHANNA SCHWICH

International Falls, Minnesota  
BA: Pacific Lutheran University, 1972  
Major: Health, Physical Education & Recreation  
Major Professor: Dr. Dale O. Nelson  
Thesis: Personality Factors and Selected Physical and Experience Parameters Related to Playing Ability of Female Intercollegiate Tennis Players

MARTINEZ-ALFEREZ, JUAN CARLOS

Hipolito Coahuila, Mexico  
BS: Universidad Agraria Antonio Narro, 1971  
Major: Dairy Science  
Major Professor: Dr. Melvin J. Anderson  
Thesis: Production and Intake Responses of Dairy Cows Fed Four Levels of Malic Acid

MAXFIELD, LEROY C.

Ogden, Utah  
BS: Utah State University, 1973  
Major: Communication  
Major Professor: Professor Gerald L. Allen  
Thesis: A Survey to Determine Some Alternative Methods of Providing Answers to Frequent Inquiries Made of U.S.U. Extension Agents in Utah

MAYER, JERROLD NATHAN

Streeter, North Dakota  
BS: North Dakota State University, 1976  
Major: Geology  
Major Professor: Dr. Clyde T. Hardy  
Thesis: Structural Geology of the Northern Part of Oxford Quadrangle, Idaho

MEAD, VALERIE HILTON

Craig, Colorado  
BS: Colorado State University, 1975  
Major: Psychology  
Major Professor: Dr. William R. Dobson  
Thesis: Effects of Assertiveness Training on Martial Adjustment

MEDINE, PATTI LEE

Ingleside, Illinois  
BS: Western Illinois University, 1972  
Major: Special Education  
Major Professor: Dr. Alan M. Hofmeister  
Thesis: Effectiveness of a Morphological Approach to Spelling Instruction

MENDELSON, RANDY JAY

Cedarhurst, New York  
BS: S.U.N.Y. Binghamton, 1977  
Major: Psychology  
Major Professor: Dr. Keith T. Checketts  
Thesis: Variables Effecting College Enrollment or Nonenrollment

MERRILL, CHLOE DEE

Price, Utah  
BS: Utah State University, 1977  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: The Establishment of a Boutique on a College or University Campus

MIKULA, WILLIAM JOSEPH

Poughkeepsie, New York  
BS: University of Detroit, 1973  
Major: Engineering  
Major Professor: Dr. James H. Reynolds  
Thesis: Performance Characteristics and Kinetics of Substrate Removal in the Treatment of a Cheese Processing Wastewater with a Rotating Biological Contractor

MILLER, GALEN WILLIS

North Platte, Nebraska  
BS: University of Nebraska-Lincoln, 1972  
Major: Business Education  
Major Professor: Dr. Edward L. Houghton  
Thesis: Plan B

MILLER, KATRINA HOLGATE

Murray, Utah  
BS: Brigham Young University, 1976  
Major: Family and Human Development  
Major Professor: Dr. Glen O. Jenson  
Thesis: The Salience of Parent Education for Adolescents: Gender and Gratification Orientations

MOALIF, ALI SHALLAN

Babylon, Iraq  
BS: University of Baghdad, 1969  
Major: Biology  
Major Professor: Dr. Wilford J. Hanson  
Thesis: A Revision of the Subgenus *Pachynomada* of the Genus *Nomada* (Hymenoptera: Anthophoridae)

MOHR, KRISTY GREGERSON

Salt Lake City, Utah  
BS: Utah State University, 1976  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Bonita W. Wyse  
Thesis: Enlightening Consumer Nutrition Decisions: Comparison of a Graphical Nutrient Density Labeling Format with the Current Food Labeling System

MORALES, REINALDO

Trujillo, Venezuela  
BS: Universidad Central de Venezuela, 1976  
Major: Soil Science and Biometeorology  
Major Professor: Dr. J. J. Jurinak  
Thesis: Plan B

MORGAN, YVONNE

Palmdale, California  
BS: University of California, Santa Barbara, 1976  
Major: Communicative Disorders  
Major Professor: Professor L. Jaclyn Littledike  
Thesis: A Clinical Evaluation of the Use of Tonar II in the Reduction of Hypersensitivity

MUTZ, KATHRYN MARIE

Aurora, Colorado  
BS: University of Chicago, 1974  
Major: Biology Ecology  
Major Professor: Dr. James A MacMahon  
Thesis: Lifeforms and the Environment; a Study of Sonoran Desert Subtrees on Bajadas

MCARTHUR, DEANN (GITTINS)

Hyde Park, Utah  
BS: Utah State University, 1969  
Major: Business Education  
Major Professor: Dr. Theodore W. Ivarie  
Thesis: Plan B

NEWMAN, GARY ROY

Tustin, California  
BS: Humboldt State University, 1977  
Major: Engineering  
Major Professor: Dr. William J. Grenney  
Thesis: An Investigation of Salinity Fluctuations in Soils of a Northern Utah Marshland

NISH, MYRL NEWMAN

Tremonton, Utah  
BFA: Utah State University, 1977  
Major: Home Economics and Consumer Education  
Major Professor: Professor Larae B. Chatelain  
Thesis: Consumer Satisfaction in Ownership of Prebuilt Homes

NORTON, CATHY CAROL

Salt Lake City, Utah  
BS: Utah State University, 1977  
Major: Economics  
Major Professor: Dr. John E. Keith  
Thesis: The Impact of Student and Faculty Expenditures on a College Town's Economy

O'BRIEN, ARTHUR J.

Anaheim, California  
BS: Utah State University, 1977  
Major: Engineering  
Major Professor: Dr. Loren R. Anderson  
Thesis: The Consolidation Properties of Soils as Effected by Leaching the Soil With Primary Wastewater Effluent

OLMOS, CARLOS SIMON

Valera Trujillo, Venezuela  
Ing. Agronomo: Universidad Central de Venezuela, 1974  
Major: Agricultural Economics  
Major Professor: Dr. Allen D. Lebaron  
Thesis: Plan B

PARKER, DONNA MARIE PAYNE

Kaysville, Utah  
BS: Weber State College, 1972  
Major: Business Education  
Major Professor: Dr. E. Charles Parker  
Thesis: An Evaluation of the Extent to Which Layton, Utah, High School Seniors are Prepared to Make Consumer Decisions

PATE, MARAN CARL

Logan, Utah  
BS: Utah State University, 1976  
Major: Engineering  
Major Professor: Dr. Clair L. Wyatt  
Thesis: Spectral Signature Studies for Application in Deer Census Using Remote Sensing Techniques

PAYNE, JOHN MICHAEL

Logan, Utah  
BS: Temple University, 1969  
Major: Wildlife Science  
Major Professor: Dr. John A. Kadlec  
Thesis: Interrelationships Between Benthic Macro-invertebrates and Habitat in a Mountain Stream

PERKINS, LIZABETH A.

Salt Lake City, Utah  
BS: University of Utah, 1975  
Major: Biology  
Major Professor: Dr. Hugh P. Stanley  
Thesis: An Electron Microscopic Examination of Spermiogenesis in the Recessive Sex-Linked Male-Sterile Mutant, *MS* (1) 10S, of *Drosophila Melanogaster*

PERKINS, WILLIAM DONALD

Palatine, Illinois  
BS: University of Wisconsin-Platteville, 1974  
Major: Geology  
Major Professor: Dr. Donald W. Fiesinger  
Thesis: Petrology and Mineralogy of Quaternary Basalts, Gem Valley and Adjacent Bear River Range, Southeastern Idaho

PETERSON, LORI T.

Silver City, New Mexico  
BS: Utah State University, 1976  
Major: Psychology  
Major Professor: Dr. William R. Dobson  
Thesis: The Relationship Between Goal Attainment and Self Concept for Assertive Training Groups

PETTERSON, DOUGLAS EARL

Ogden, Utah  
BS: Utah State University, 1977  
Major: Agricultural Economics  
Major Professor: Dr. Rondo A. Christensen  
Thesis: Analysis of Market Services Provided by Dairy Cooperatives Associated with Coordination of Supply with Demand

PITMAN, DEXTER R.

Roy, Utah  
BS: Oregon State University, 1965  
Major: Wildlife Science  
Major Professor: Dr. Richard S. Wydoski  
Thesis: Toxicity, Selectivity, and Efficacy of Squoxin (1,1 - Methylene-2-Naphthol) to Fishes in Utah Waters

POTTS, WAYNE K.

Provo, Utah  
BS: Brigham Young University, 1974  
Major: Biology  
Major Professor: Dr. Keith L. Dixon  
Thesis: Synchronous Flocking in Dunlins (*Calidris alpina*) the Chorus Girl Hypothesis

PRINCE, MERVIN WILLIAMS

New Harmony, Utah  
BS: Southern Utah State College, 1972  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B

PRUITT, JOHN RICHARD

Cedar City, Utah  
BA: Southern Utah State College, 1977  
Major: Business Education  
Major Professor: Dr. William A. Stull  
Thesis: Plan B

QUINTANILLA, JAMES ANTHONY

San Antonio, Texas  
BS: Weber State College, 1973  
Major: Political Science  
Major Professor: Dr. William F. Furlong  
Thesis: Plan B

RAMONES, ROBERTO JOSE

Punto Fijo Falcon, Venezuela  
BS: Universidad Central de Venezuela, 1976  
Major: Irrigation Science  
Major Professor: Dr. Jack Keller  
Thesis: Sprinkler Flow Control Nozzle Performance

REYES, FLORENTINA LACSAMANA

Manila, Philippines  
BS: University of Santo Tomas, 1974  
Major: Sociology  
Major Professor: Dr. Yun Kim  
Thesis: Out-Migration from the City of Manila, Philippines  
1965-1970

ROBERTS, BRENT WADSWORTH

Logan, Utah  
BS: Utah State University, 1972  
Major: Psychology  
Major Professor: Dr. Carl D. Cheney  
Thesis: Bait Shyness of Neophobia in Several Species of  
Osteichthyes: An Extension of Taste Aversion Studies to  
the Superclass Pices

ROGERS, SCOTT WARREN

Ogden, Utah  
BS: Utah State University, 1977  
Major: Biology  
Major Professor: Dr. Eldon J. Gardner  
Thesis: Prepuparian Development in the Tumorous-Head  
Strain of *Drosophila Melanogaster*

ROHRBACH, KARI BENSON

Ogden, Utah  
BS: Weber State College, 1970  
Major: Family and Human Development  
Major Professor: Dr. Ramona Marotz-Baden  
Thesis: Children's Perceptions of Parental Responses to  
Boys' and Girls' Aggressive Behavior

ROMM, STEPHANIE RUTH

Salt Lake City, Utah  
BS: University of Utah, 1975  
Major: Biology  
Major Professor: Dr. Warren C. Foote  
Thesis: The Progesterone and LH Levels in Female Goats  
During Selected Reproductive Stages and Following Hor-  
mone Treatment

ROTH, MARY J.

Oak Lawn, Illinois  
BS: Purdue University, 1973  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Bonita Wyse  
Thesis: Incorporating the Index of Nutritional Quality in the  
Nutrition Education of WIC Recipients

ROUNDY, JOE H.

Oasis, Utah  
BS: Utah State University, 1976  
Major: Animal Science  
Major Professor: Dr. Thomas D. Bunch  
Thesis: Comparative Analysis of Two Diluents on the  
Freezability of Sheep and Goat Semen

RYAN, BRADLEY DWIGHT

Milton, Vermont  
BS: Utah State University, 1971  
Major: Dairy Science  
Major Professor: Dr. Robert C. Lamb  
Thesis: Effects of Two Dry Cow Treatments on CMT Score  
and Mammary Pathogens

SAMADIKAFI, SAMAD

Logan, Utah  
MS: West Coast University, 1975  
Major: Economics  
Major Professor: Dr. Paul R. Grimshaw  
Thesis: Non-thesis

SCHIJJ, JOHN CHRISTOPHER

Logan, Utah  
BSc: University of Pretoria, 1972  
Major: Wildlife Science  
Major Professor: Dr. David F. Balph  
Thesis: Factors Influencing Springbok Dispersion in South  
Africa

SEETHALER, KARL

Providence, Utah  
BS: Whittier College, 1956  
Major: Wildlife Ecology  
Major Professor: Dr. Richard S. Wydoski  
Thesis: Life History and Ecology of the Colorado Squawfish  
(*Ptychocheilus lucius*) in the Upper Colorado River  
Basin

SEIFERT, LEON ROBERT

Ogden, Utah  
BS: Weber State College, 1967  
Major: Business Education  
Major Professor: Dr. Lloyd W. Bartholome  
Thesis: Plan B

SEPASSI, GHOLAM REZA

Kermanshah, Iran  
License: Jundi Shapur Agriculture College, 1970  
Major: Economics  
Major Professor: Dr. Roice H. Anderson  
Thesis: Non-thesis

SESSIONS, ANN

Centerville, Utah

BS: Utah State University, 1975

Major: Home Economics and Consumer Education

Major Professor: Professor Marie N. Krueger

Thesis: An Assessment of the Apparel Industry in the State of Utah and Needed Training in Vocational Clothing in Utah High Schools

SHEA, JUDY ANN

Lexington, Nebraska

BS: Kearney State College, 1975

Major: Family and Human Development

Major Professor: Dr. Gerald R. Adams

Thesis: An Investigation into the Development of Romantic Love Relationships

SHULTZ, JOHN ELDEN

Parshall, North Dakota

BS: North Dakota State University, 1971

Major: Engineering

Major Professor: Dr. Donald B. Porcella

Thesis: Water Quality and Primary Production in a Mountain Stream as Affected by Reduction in Flow

SHUTE, DONALD ALAN

Clarendon Hills, Illinois

AB: University of Illinois, 1974

Major: Range Science

Major Professor: Dr. Neil E. West

Thesis: Two Basic Methodological Choices in Wildland Vegetation Inventories: Their Consequences and Implications

SNOW, ALJEAN

Roosevelt, Utah

BS: Utah State University, 1976

Major: Home Economics and Consumer Education

Major Professor: Professor Jane McCullough

Thesis: Problems and Dissatisfactions Encountered by Families in an Indian Housing Project

SOL, BEATRIZ SILVA DE

Caracas, Venezuela

BS: Utah State University, 1977

Major: Chemistry

Major Professor: Dr. Grant G. Smith

Thesis: Factors Affecting the Extent of Racemization of Peptide and Protein Bound Amino Acids: Positioning Effect and Kinetic Studies

STEWART, PAULA ANN

Eden, Utah

BS: Utah State University, 1975

Major: Business Education

Major Professor: Dr. Lloyd W. Bartholome

Thesis: Plan B

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Major Professor: Dr. Jay R. Jensen

Thesis: Plan B

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Oxford, Ohio

BS: Miami University, 1974

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Major Professor: Dr. Richard D. Taylor

Thesis: Plan B

TOLFA, DEBRA RICH

Utica, New York

BS: Plattsburgh, S.U.N.Y., 1972

Major: Special Education

Major Professor: Dr. Devoc C. Rickert

Thesis: Teaching Appropriate Sex-Related Public Behaviors to the Mentally Retarded

TRIMBORN, MARCIA S.

Kettering, Ohio

BS: Indiana University, 1977

Major: Communicative Disorders

Major Professor: Dr. Thomas C. Clark

Thesis: A Descriptive Study of Fifteen Children with Spinal Meningitic Hearing Losses

TUBBS, RAY J.

Holbrook, Idaho

BS: Utah State University, 1978

Major: Agricultural Education

Major Professor: Dr. Albert P. Pruitt

Thesis: A Comparison of Vocational Agricultural Facilities in Utah High Schools and those in Selected States of the Western Region as Perceived by Vocational Agriculture Teachers

WALKER, ROBERT E.

Denver, Colorado

BS: Cal Poly, 1968

Major: Engineering

Major Professor: Dr. Lyman S. Willardson

Thesis: The Interaction of Synthetic Envelope Materials with Soil

WATKINS, CARLOS F.

Alpine, Utah

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Major: Family and Human Development

Major Professor: Dr. Glen O. Jenson

Thesis: Husbands and Wives Perceptions of their In-Law Parents

WEAVER, BIRDIE LOU D.

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BS: Utah State University, 1974

Major: Communicative Disorders

Major Professor: Dr. Jay R. Jensen

Thesis: Plan B

WHITE, JEFFREY COLLIN

Milford, Utah  
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Major: Engineering  
Major Professor: Dr. R. Kern Stutler  
Thesis: Energy Management Study of Irrigation Pumping Plants for the Utah Power and Light Company

WILLIAMS, CAROL H.

Teasdale, Utah  
BS: Brigham Young University, 1957  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Deloy G. Hendricks  
Thesis: Relationship of Environmental Chromium and Zinc Levels to Tissue Chromium and Zinc Levels from Individuals with Maturity Onset Diabetes Mellitus in Selected Watershed Areas of Utah

WILLIAMS, JOSEPH GEORGE

Catskill, New York  
BS: Macalester College, 1975  
Major: Psychology  
Major Professor: Dr. Edward K. Crossman  
Thesis: The Temporal Distribution of Short-Duration Keypecks in Variable-Interval Schedules of Reinforcement

WILLIAMS, SUSAN WOLTHUIS

Ogden, Utah  
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Major: Communicative Disorders  
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Thesis: A Comparative Analysis of the Collins P-900 9 Liter Respirometer and the Propper Compact Spirometer

WINWARD, SIDNEY NAYLOR

Logan, Utah  
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Major: Communicative Disorders  
Major Professor: Professor Thomas C. Clark  
Thesis: A Pilot Study: Normative Data on Ski\*Hi Receptive Language Test

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Major: Agricultural Education  
Major Professor: Dr. Gilbert A. Long  
Thesis: Plan B

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Oshkosh, Wisconsin  
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Major: Agricultural Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Plan B

YANG, JAMES CHUN-JUI

Taipei, Taiwan ROC  
BL: National Chung Hsing University, 1974  
Major: Economics  
Major Professor: Dr. John E. Keith  
Thesis: Non-thesis

YOUNGBLOOD, ANDREW PARKER

Logan, Utah  
BS: Utah State University, 1977  
Major: Forest Ecology  
Major Professor: Dr. Jan A. Henderson  
Thesis: Aspen Community Type Classification for the Bridger-Teton National Forest

ZIMMERMANN, GEORGE LOUIS

West New York, New Jersey  
BS: Cook College (Rutgers University), 1975  
Major: Forest Ecology  
Major Professor: Dr. Jan A. Henderson  
Thesis: The Wood and Bark Biomass and Production of *Populus tremuloides*, *Abies lasiocarpa*, and *Picea engelmannii* in Northern Utah

ZOHNER, ALAN LEONARD

Idaho Falls, Idaho  
BS: Brigham Young University, 1976  
Major: Psychology  
Major Professor: Dr. E. Wayne Wright  
Thesis: The Effects of Counselor Age, Sex and Attire on Client Preferences for Counselors

ZURN, NORMAN LEE

Arnolds Park, Iowa  
BS: Utah State University, 1975  
Major: Sociology  
Major Professor: Dr. Harold R. Geertsen  
Thesis: The Youth City Council as a Model for Community Development



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THE OLD MAIN  
A PAINTING BY HARRISON T. GROUTAGE



*Alma Mater Hymn*

Composed by Theodore M. Burton

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.