Utah State University
DigitalCommons@USU

Commencement Programs

Students

5-1981

Utah State University Commencement, 1981

Utah State University

Follow this and additional works at: https://digitalcommons.usu.edu/commencement

Recommended Citation

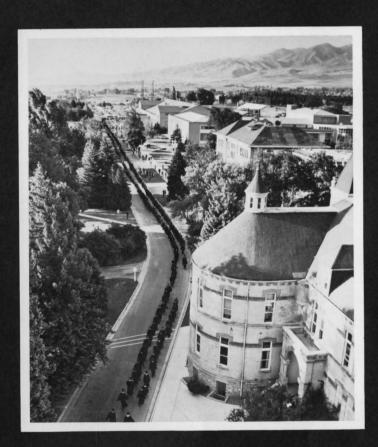
Utah State University, "Utah State University Commencement, 1981" (1981). *Commencement Programs*. 63.

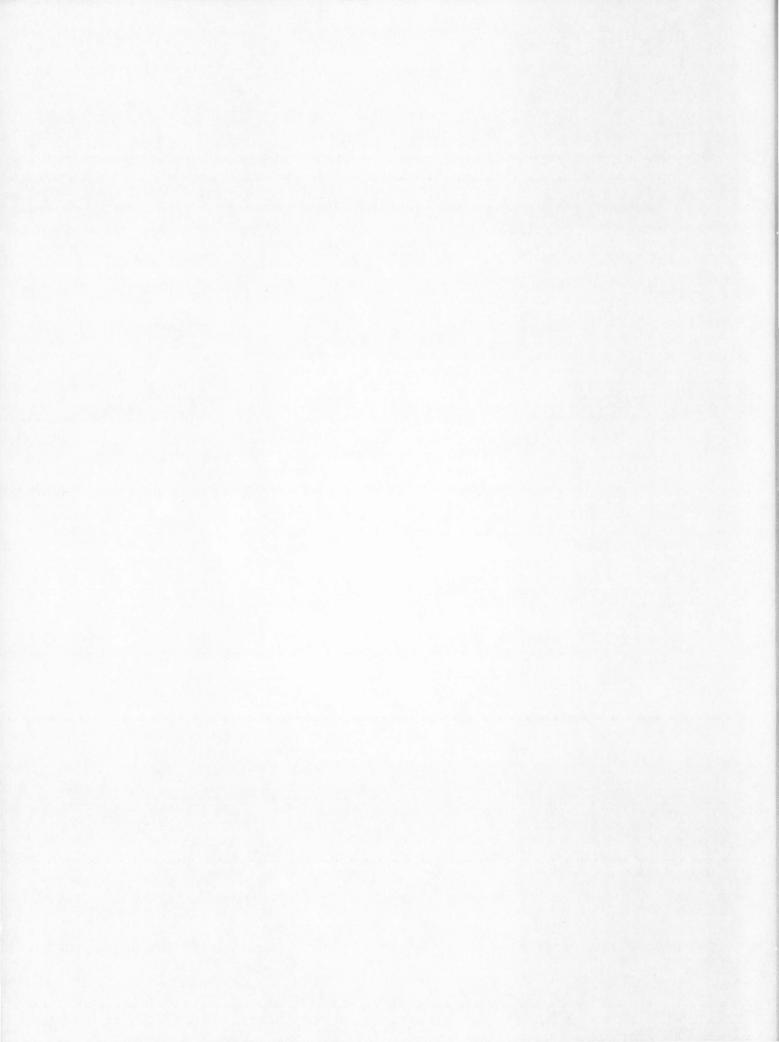
https://digitalcommons.usu.edu/commencement/63

This Book is brought to you for free and open access by the Students at DigitalCommons@USU. It has been accepted for inclusion in Commencement Programs by an authorized administrator of DigitalCommons@USU. For more information, please contact digitalcommons@usu.edu.

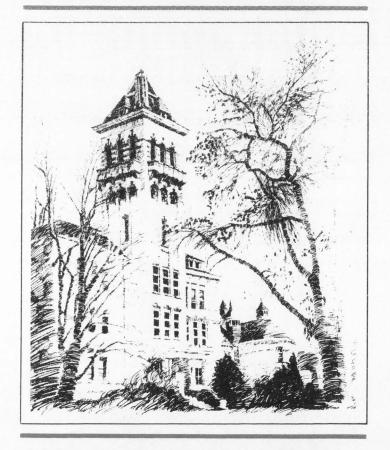


13. 2/1 1981 Commencement Program 13.2/1 1981 Commencement Program Exercises





THE EIGHTY-EIGHTH ANNUAL COMMENCEMENT CEREMONIES UTAH STATE UNIVERSITY



1981



THE SPECTRUM

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.

Commencement mural by Glen L. Edwards, assistant professor, Department of Art.



THE EIGHTY-EIGHTH ANNUAL COMMENCEMENT

CHEDULE OF EVENTS

Friday, June 5, 1981

RECOGNITION AWARDS CEREMONIES Honoring spouses of graduating students 2:30 p.m., Auditorium, Taggart Student Center

PRESIDENT'S RECEPTION A reception hosted by President and Mrs. Stanford Cazier for all graduates, their parents and friends

4:00-5:30 p.m., Sunburst Lounge, Taggart Student Center

GRADUATION SMORGASBORD DINNER 5:30 p.m., Ballroom, Taggart Student Center

ACADEMIC PROCESSION 7:30 p.m., Old Main to Spectrum (via 8th East Street) BACCALAUREATE

8:00 p.m., Spectrum

Saturday, June 6, 1981

ACADEMIC PROCESSION 8:30 a.m., Old Main to Spectrum (via 8th East Street) COMMENCEMENT CEREMONIES

9:00 a.m., Spectrum

COLLEGE GRADUATION CEREMONIES 11:30 a.m.

College of Agriculture, Cultural Hall, Logan Institute College of Business, Main Auditorium, Old Main College of Education, Kent Concert Hall, Chase Fine Arts Center College of Engineering, Morgan Theatre, Chase Fine Arts Center College of Family Life, Theater, Taggart Student Center College of Humanities, Arts and Social Sciences, Spectrum College of Natural Resources, Amphitheatre (Alternate location—Engineering Auditorium) College of Science, Ballroom, Taggart Student Center

COMMENCEMENT PICNIC LUNCHEON

12:30 p.m., University Quadrangle

RESERVE OFFICER TRAINING CORPS

COMMISSIONING CEREMONIES

2:30 p.m., Theater, Taggart Student Center

3:30 p.m., Reserve Officer Commissioning Reception, University Lounge, Taggart Student Center

Baccalaureate Friday Evening, June 5, 1981 8:00 p.m. PRESIDENT STANFORD CAZIER, Conducting PROCESSIONAL Marche Heroique. University Symphony Orchestra Max F. Dalby, Conductor INVOCATION David William Eskelsen Recipient, Robins Man of the Year Award WELCOME Stanford Cazier President, Utah State University MUSICAL SELECTION University Symphony Orchestra SERMON Elder Neal A. Maxwell First Quorum of the Seventy The Church of Jesus Christ of Latter-day Saints MUSICAL SELECTION Lovely Dwelling Places from "Requiem" Johannes Brahms University Symphony Orchestra and Chorale Max F. Dalby, Conductor **BENEDICTION** Mary N. Monroe Recipient, University Citizenship Award RECESSIONAL Hector Berlioz Marche Troyenne.... University Symphony Orchestra

Graduation		
Saturday Morning, June 6, 1981 9:00 a.m.		
PRESIDENT STANFORD CAZIER, Conducting		
PROCESSIONAL Grand March Percy Fletcher University Symphonic Band Max F. Dalby, Conductor		
NATIONAL ANTHEM		
The Star Spangled Banner		
University Symphonic Band		
INVOCATION Peter Carlson Daines Recipient, University Citizenship Award Recipient, Bill Robins Memorial Award		
MUSICAL SELECTION Valdrez Johannes Hanssen		
University Symphonic Band		
ADDRESS TO GRADUATES Wyatt Thomas Johnson Publisher and Chief Executive Officer Los Angeles Times		
MUSICAL SELECTION Cathedral Chorus from "Slavonic Folk Suite" Alfred Reed University Symphonic Band		
CONFERRING OF DEGREES Stanford Cazier President, Utah State University		
MUSICAL SELECTION Alma Mater Hymn		
BENEDICTION Robynn Thorley Whittier Recipient, University Citizenship Award		
RECESSIONAL Regal Procession		

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

James F. Abrams Jean Susan Adamson Dwight Wayne Allen Nancy Allred Layne B. Anderson Sandra J. Apgood Dorian C. Aston Julie Tacy Ballam Sharon Bartschi Widtsoe Ted Bastian Thomas Edward Beck Petra Lydia Berberich Bruce L. Bonebrake Jerold V. Bradshaw David A. Bridenstine Karen Ann Buskirk Michael Wesley Cain Raymond T. Call Robert B. Campbell, Jr. Cherrie Tripp Cannon **Catherine Marie Chivers** Kay Christensen Reed S. Christensen Elizabeth C. Cole Carol Collins Peter C. Daines Cornelia V. Daley Patricia A. Daley Nancy Ann Skuderna Dernell Teresa Marie Duncan Larre D. Egbert John M. Elliot Jeffry William Erickson Deena Kay Bown Evans **Ralph David Evans** Jennifer Louise Falk Patricia Ann Forsgren Liliane Francuz Dorothy Faye Garvin Grant K. Geer Darlene Draper Goodsell Thomas James Gordon Brian C. Hales Bonnie Jill Hansen

Victoria Diane Harvath Marjann Harvey Kimberly E. Henneman Delene Christensen Henrie James B. Higbee Joseph Marvin Higbee Saundra Henrie Horne Holly Hubbard Brenda Lynn Ingram Kazuhiko Inui Wenlee Dru Jensen Karen Jenson Rick L. Johnson Paul David Judd Lisa Kaye Keeley Steven Lewis Knudson Kelly Minor Langdorf Jeffrey P. Lewis Mark Alan Lindsay Kirk Moncur Linford Donald G. Linton Tami L. Lopez Tamra Morley Lott **Robin Hope Marcus** Elizabeth L. Maurer Richard L. McKenna Grady A. McMahan Paul John McMann Steven Gale Mecham Thomas W. Metzger Linda Monson Michael Wise Mosman Barbara N. Muirhead Janice Mullaney Lorna Joyce Nielsen Sally Stratford Nielson Val T. Orton Carl F. Paradiso Alan L. Peet Alice E. Perkins Greg Scott Rasmussen Knute Rife Christine McMurtrey Rudd Cynthia D. Rusk Lori L. Russon Eileen M. Schettig Raymond Michael Schneider Kera Seeley **Richard Lynn Shinney** Linda Louise Snyder Ellen Stuart Kathy Ann Sullivan Debra Terbush Leisa Lyn Tischner Tony E. Trussell Suzanne Udy Darcy Patricia Van Natta Jacqueline Vokinger-Castillo Robert B. Wardle Lisa Jean Watts Jannette Tolley Wayman Jaye W. Webb Nancy Ann West Thomas W. White Steven D. Young

Cum Laude

Karl G. Albrecht Clara T. Allen Gordon A. Anderson Kip J. Anderson Ramon C. Anderson Sallie Seaman Anderson Vickie Kilgore Anderson Michael Dee Andrus Rita Jo Anthony Carol Jeanne Austin Chris Barlow Debra Lynn Barnabee Roger D. Beckman Rebecca Beckstead Hugh B. Behling Darlene Louise Belew Lori Bindrup Randy B. Birch Jane Black Nicholas Tibbitts Blake Heather Borg Frances S. Boultenhouse Michael D. Bowline Dennis R. Briscoe Dale Esther Buckstaff John Douglas Bullough Alan Dee Burbank Steven I. Burt James E. Butcher Suzanne Butler Kathleen Callaghan Robert N. Carpenter Steven Edward Carr Peter J. Carse Jane M. Carter Carmen Nola Chavez Rebecca Clark Laura Lee Collier Shari Lou Combe Robert Curtis Commander David L. Cooley Lana Coombs Bonnie Peterson Crosland Carol A.K. Davis William S. Dernell M. Christie Donaldson Kathryn A. Dravage Danna Duncan

Jack C. Eichelberger Janet Ellis Mark A. Ellsworth Raymond Warren Fife Ann Louise Finkelstein Karen E. Fox Nancy Annette Foxley Dan M. Fraser Kent D. Galloway Ronda Eileen Gibbons Carole Ann Raffetto Gibbs Sandra Lynn Goodman Trisha Lynn Grant Jackie Lyn Greaves David C. Green Lvnn Nielsen Green Scott Grubell **Jeannette Jones Hamilton** David Leo Hanson Karen S. Harder Patricia Gail Henslev Tomas E. Hernandez **Timothy James Hoffman** Timothy Alan Hoger Ethylen Hougaard Lisa Price Hunt Mark S. Isaacson Sue Ils Kevan Fay Jacobson Cindy S. James Leland D. Jensen Kent R. Johnejack Scott David Johnson Sue Ann Irons Johnson Michael Dee Kerr Linda Andersen Keyes Gerald K. Knight Randy L. Kummer Joy Kunz Russell L. Kunzler Carrie Ann Labrum Corri Lyn Lamping Ryan H. Larsen Judd R. Lawrence Kam Fan Law Marsha Leigh Peter Wesley Leonard Nancy Carol Lewis Loyal L. Limb Grant Lee Lindstrom Thor E. Lindstrom Elaine Marie Loken

Kim Wesley Lundgreen Kristin Ann Magleby Sue Marshall Kerry Lee Masters Karen Matheson Mary Ann Maughan Bruce Larkin Maw Helen Mavnes Demont W. McNeil Ava Ann Means Reid Glen Merkley Carrie Clark Merrill Douglas G. Messerly Danell Bench Mieure Mary N. Monroe David Carroll Moss Kent N. Mueller Cheryl Virginia Murdock Karrie Ann Myers John Ray Nelson Deborah Jean Nicholes Matthew Benton Nichols Deanna Nielson James B. North Charles E. Olsen Stacia Svante Owens Lesa Parker Dana Lynne Parris Carey L. Penrod **Gregory** Perry Kenneth J. Peterson Terry Lee Pickett David Gordon Pierce Cliftia Le Slough Purcell Michele Purcell Loretta Bernice Pymm Evelyn Mary Quilter **Iovce** Rees Stan I. Rees Brian Darrell Reeves Nancy Ann Reid Ingrid Reynolds **Tracy Rich** Nansi Lee Richards Kave M. Protzman Richens Nelva E. Rodriguez Nyle G. Russell Kelly Ann Scannell Madeline Schimmelpfennig Roger W. Schneidervin **Teresa Seamons** Patricia Gardner Shakespear

Lynn S. Sharp Larry Fuller Shepherd Brian D. Simmons Alfred Lawrence Smart Debra Ann Smith Marianne Smith Rebecca A. Smith Carol Solomon **Richard Blair Spencer** Gretchen Ann Steele J. Hoyt Stephenson Brian Stevenson Paul R. Stewart Noel B. Stibor James David Stoddard Francene Burtenshaw Stoker Sheri Lynn Stutman Carolyn B. Talbot Alan R. Taylor Charlotte Joann Taylor David L. Thirkill David S. Thompson Debra Ann Rickert Thornley Sherry Michelle Titus Nancy Joy Richardson Toone Raymond Von Tschudy Jack Early Tuckett Tamra Tuttle Claudia Kim Van Patten Mary Vellinga Lisa Marie Viger Daniel Rik Villegas Carol Marian Vincent Ellen Marie Wagstaff Andrew B. Walker Kara Lynne Walker Guy W. Wallace **James William Wardle** Gordon L. Washburn Karl Ray Wegkamp **Brock Rex Wells** Timothy M. Willardson Cathie H. Williams Sheri J. Williams Barbara Brey Winegar Kathy Jean Wright Leslee Ann Wright Elizabeth Jane Wyatt Jung Ihn Yang Debbie Kay Yanker

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 Kimberly E. Henneman **College of Business** Kirk M. Linford College of Education Suzanne Udy Widtsoe Ted Bastian College of Engineering James B. Higbee College of Family Life Michael W. Mosman College of Humanities, Arts and Social Sciences Lisa J. Watts College of Natural Resources Elizabeth C. Cole College of Science Robert B. Wardle

Certificates in International Relations

Michael D. Andrus Randy B. Birch Victor A. Eniang Vernon H. Foersterling, Jr. Paulo Evaristo Lopes dos Santos Victoria C.N. Otti Curtis R. Webb

Reserve Officers Training Corps

Military Science

Presented a Commission as Second Lieutenant, United States Army:

John S. Blaine Florence A. Fehrmann Jeffrey D. Jensen Kelly M. Langdorf Peter W. Leonard Danny L. Michie David L. Riley Michael P. Suhr Jeffery A. Waldal

Air Science

Presented a Commission as Second Lieutenant, United States Air Force:

Gordon A. Anderson David R. Bliss Jodie L. Bliss Raymond T. Call Gregory R. Clark David C. Cordon Jean L. Cravens Deborah A. Downer Sarah J. Mondale Russell A. Norman Neal S. Yeip

University Citizenship Awards

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

Peter C. Daines Mary N. Monroe Robynn Thorley Whittier

Honors Program Graduates

Elizabeth C. Cole Val S. Goodfellow Sandra L. Goodman Grant K. Geer Robert B. Wardle Janice M. Mullaney

Academic Heraldry

The history of academic heraldry reaches far back into the early days of the oldest universities. A statute of 1321 required that all "Doctors, Licentiates, and Bachelors" of the University of Coimbra wear gowns. In England, in the second half of the fourteenth century, the statutes of certain colleges forbade "excess in apparel" and prescribed the wearing of a long gown, which may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods were used to cover the head until later replaced by the skull cap and eventually by academic caps. Both Cambridge and Oxford have made academic dress a matter of university control to the inclusion of even its minor details; and in Laudian days in Oxford, any tailor who departed from the authorized design "even by a nail's breadth" was to be punished by the vice-chancellor of the University.

When American colleges and universities desired to adopt some suitable system of academic apparel, it seemed best to agree on some definite system which all might follow. Accordingly, there was held on May 16, 1895, at Columbia University, a conference of representatives of the governing boards of various interested institutions. From that meeting came a code of academic dress for the colleges and universities of the United States, which most institutions of higher learning have adopted and followed.

Gowns

The academic gown for the bachelors degree has pointed sleeves and is designed to be worn closed. The gown for the masters degree has an oblong sleeve, open at the wrist, like the others. The sleeve base hangs down in the traditional manner. The rear part of its oblong shape is square cut and the front part has an arc cut away. The gown is so designed that it may be worn open or closed. The gown for the doctors degree has bell-shaped sleeves and may also be worn open or closed.

Colors

For all academic purposes, including trimmings of doctoral gowns, edging of hoods, and tassels of caps, the colors associated with the different academic disciplines are as follows:

Agriculture	Maize
Business	Drab
Education	Light Blue
Family Life	Maroon

Engineering	Orange
Humanities, Arts,	0
Social Sciences	White
Natural Resources	Russett
Science	Gold-yellow
School of Graduate	
Studies (EdD,	
PhD)	Gold

Hoods

Academic hoods are worn by recipients of advanced degrees. The masters degree hoods are three and one-half feet in length and are lined with the official color or colors of the college or university conferring the degree, which at Utah State University are navy blue and white, displayed in a heraldic chevron. The doctoral hood consists of a larger and longer assemblage of institutional color draped over the recipient's shoulders and falling well down the back. The binding or edging of the hoods is of velvet or velveteen, three inches wide and five inches wide for the masters and doctors degrees, respectively.

Caps

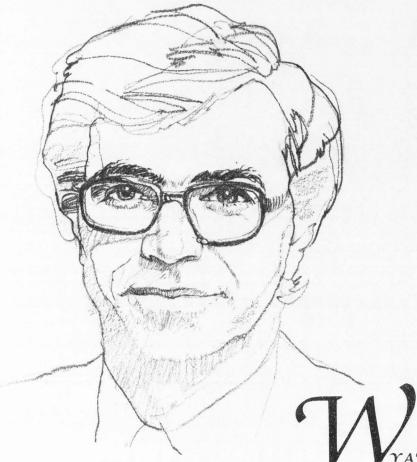
Academic caps come in two forms, the traditional mortarboard (from Oxford), a square cap; and a soft cap which resembles an oversized beret (the Cambridge model). The mortarboard, used by Utah State University, is worn with a tassel. Black tassels designate any degree, colored tassels designate the major field of learning, and gold tassels indicate doctors and governing officials of institutions.

Academic Procession

The commencement procession originates at the Old Main building and the line of march extends down Eighth East Street to the Spectrum. The procession is composed of three divisions: (1) the speakers, Regents and Institutional Council members, administrative officers, and other members of the platform party; (2) the faculty; and (3) candidates for degrees, with candidates for advanced degrees in the lead and others in groups according to the degrees for which they are candidates. The procession enters the Spectrum in the above order for the Baccalaureate Services. For the morning of Commencement, the procession will stop at the tunnel entrance to the Spectrum, the first two divisions dividing so that the candidates for graduation pass between them and enter the hall first.

EAL A. MAXWELL,

scholar and a public servant, has acquired a prodigious amount of learning and experience and has used this to serve mankind. His earlier career as a university administrator proved him to be an effective advocate for higher education and his positive position has redounded to the benefit of this University as well as the others in the state. His influence has likewise been felt as a result of his significant contributions to the governance of the state—notable among them his Chairmanship of the Utah Constitutional Revision Commission. \Box A decade ago he was called by his church to direct its world-wide educational services. In this capacity he has become a world traveler and a world citizen. His administration of this system comprising tens-of-thousands of students in scores of countries has had the admiration and respect of all who have taken the time to examine it. \Box For many people such a heavy administrative load would have written finis to scholarly publications. He apparently regarded it as only another challenge. In moments stolen here and there, in airport waiting rooms, on transoceanic flights in the middle of the night, on desert drives with a dictaphone his only companion, he has distilled wisdom from his ample store and gestated scholarly books at regular intervals. 🗌 His second appearance as USU's Baccalaureate speaker indicates that this University holds the same high opinion as scores of other institutions and organizations who have sought to share in the spell of his rhetoric and oratory, and be lifted by his erudition. \Box In the words of Baron Macaulay: "We cannot regard without admiration the amplitude and fertility of [his] intellect," his abundant vocabulary, his genius with the written and the spoken word, and his scholarship which knows no circumscription. Utah State University takes pride in conferring on Neal Maxwell its honorary degree, Doctor of Humanities.



YATT THOMAS JOHNSON

has distinguished himself as a journalist and has served the national government in high places. His experience with newspapers began when he was a teenager and led through the University of Georgia's School of Journalism and Harvard's Master of Business Administration program. He served as a White House Fellow, as Assistant and Deputy Press Secretary, and as Special and Executive Assistant to the President of the United States. \Box His return to work with the news media in 1973 marked the beginning of his meteoric rise to the prestigious position he now holds as Publisher and Chief Executive Officer of the Los Angeles Times. On the way up he was honored by Time magazine for his leadership and contribution as Editor and Publisher of the Dallas Times Herald. Many other signal honors have come to him. \Box Recognition of his abilities has followed as he has moved from place to place and from responsibility to responsibility: In 1967 he was named one of five outstanding young men of Georgia; in 1973, one of the five most outstanding Texans; and in 1974, one of the ten outstanding young men in the United States. \Box His high and influential positions in national government and his leadership roles in major communications media have provided for him an unusual opportunity to assay the influence of each on the other. He has recognized the power of public opinion, and today he is in a position, as the leader of one of America's greatest newspapers, to utilize the power of the press as a sacred trust in shaping public opinion.

Further, it must be recognized that his myriad honors have come in so few years. A young man of great stature, he still has much to look forward to. Utah State University recognizes the contributions he has made to society and affirms its faith in his potential by conferring on him the honorary degree, Doctor of Humanities.

DOROTHY MYERS CARSON,

a distinguished member of the bar and a learned occupant of the judicial bench, is honored by Utah State University as an illustrious alumna. Her extraordinary ability and accomplishments have been widely noted and have brought many honors to herself, to her native state, and to this University, her Alma Mater. To have been selected as America's Business Woman of the Year by the national American Business Women's Association is to have reached a unique pinnacle. Where does one go from there? \Box To be a judge is a high calling and a frightening one. Freedom, property rights, and even life itself are sometimes at stake. She has brought to the hall of justice a keen intellect, scrupulous honesty, a warm humaneness, and a ready wit. She has always been a disciple of hard work and a champion for human rights. 🗌 She is active in the American Bar Association, American Judicature Society, Arizona Judges Association, Business and Professional Women's Club, Interclub Council, Soroptimist International, American Association of University Women, and Alpha Chi Omega. It says a great deal about her values to note that in addition to active participation in all these professional groups she is also serving as a Sunday School teacher and as a member of the Salvation Army Women's Auxiliary. Notwithstanding the accolades for achievement which bid fair to inundate her physical self, she has not lost the common touch and has found time to serve her home state by appearing as featured speaker at USU's Mothers Weekend and as a member of the National Advisory Board of Utah State University. 🗌 Utah State University takes pleasure in honoring Judge Carson as a graduate and as a native daughter of this state by conferring upon her the honorary degree, Doctor of Laws.

LDON J. GARDNER

is honored by Utah State University for the distinguished service and leadership he has rendered to the University, the state and nation, and the world. As one of Utah's most illustrious professors he has excelled in the discovery of new scientific truths, in their digestion and interpretation for students, and in their application for the betterment of mankind. For four decades he and his colleagues have conducted fundamental studies which have moved forward the science of genetics. His publication record of more than two hundred scientific papers and several text books stands out preeminently. His influence as a teacher is well known. Hundreds of students have had their appreciation of *life* heightened from exposure to his lectures and his text on the History of Biology. Hundreds more have become professional biologists because of his direct influence or his writings. 🗌 As an example of the application of newly acquired knowledge to the public good, his discovery of the heritability of a type of colon cancer which can be successfully treated in early stages has literally saved the lives of many members of the affected families. His medical colleagues have honored him by naming this malady "Gardner's Syndrome." \Box In addition to his distinguished service as a discoverer and purveyor of new knowledge, the University recognizes his warm-hearted humanitarianism, his willingness to cooperate with his colleagues, his friendly approachability, and his perpetual optimism and good humor. He has lent his support and frequently his leadership to many civic and service organizations. He is a distinguished citizen as well as a distinguished professor.
In recognition of his manifold contributions to society and his exemplary character, Utah State University is proud to confer on Eldon J. Gardner, whom it owes much, the honorary degree, Doctor of Science.

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 representing the eight colleges of the University: Agriculture; Business; Education; Engineering; Family Life; Humanities, Arts and Social Sciences; Natural Resources; and Science.

COLLEGE OF FAMILY LIFE

LAINE ASHCROFT,

an instructor in family life and child development, has taught at USU since 1974. She earned BS and MS degrees at USU, specializing in child development. Knowledgeable in her field, she has taught courses in human growth and development, guidance of children, and practice teaching in the USU Child Development Laboratory. She is chairman for a series of training tapes on the education of young children sponsored by the federal government and USU Extension. Under the direction of USU Life Span Learning and Extension, she has taught a number of workshops and seminars throughout the state on various aspects of family life. A regular contributor to the family life column in the Sunday edition of the Salt Lake Tribune, Professor Ashcroft has shared practical information on raising children and improving family life. 🗌 As director of the Child Development Laboratory, Professor Ashcroft has developed creative teaching techniques to meet the needs of children as well as those of her student teachers. She is also a popular speaker at area clinics and conferences. She is affiliated with a number of professional and honorary societies, including Phi Kappa Phi.



ONALD L. THURGOOD,



COLLEGE OF NATURAL RESOURCES

COLLEGE OF ENGINEERING

associate professor of electrical engineering, has been on the faculty of USU since 1969. He is a popular teacher and effective researcher. From 1977 to 1978 he was acting head of the Department of Electrical Engineering. He holds BSEE and MSEE degrees from the University of Utah and a PhD from USU. 🗆 A specialist in digital systems and computer engineering, Dr. Thurgood has been a consultant to numerous government agencies and corporations. In 1976 he was acting director of the Utah State Department of Systems Planning where he was responsible for developing a statewide master plan for computing. He has advised Integrated Systems Engineering Co., Hewlett-Packard Corp., and other private electronics companies. With the support of USU and federal research grants, he has had extensive experience in the design and development of computer programs and systems. \Box In addition to his research, he has earned an outstanding record as a teacher and adviser. While providing the latest information in his profession and working to improve the curriculum, he has received excellent ratings from students.

OHN P. WORKMAN,

associate professor of range science, has taught at USU since 1970. He holds degrees in range ecology and range economics from Utah State University and has been acting head of the Department of Range Science. His career has included extensive experience in teaching such courses as range management, range economics, and resource management. Through USU Extension he has made numerous presentations throughout the West on ranch appraisal and rangeland management. He is a certified range management consultant with broad experience and a nationally recognized expertise. He has served as a member of the National Academy of Science Committee on Developing Strategies for Rangeland Management and on the Governor's Committee to Assess the Economic Effects of the Sagebrush Rebellion in the State of Utah. \Box A prolific researcher, he has participated in numerous research projects and authored or coauthored more than two dozen publications, including the textbook Range Economics which is currently in process.



COLLEGE OF SCIENCE

L, DWARD A. MCCULLOUGH, JR.,

an associate professor of chemistry and biochemistry, has been at USU since 1972. He received his BS and PhD degrees from Stanford University and the University of Texas, respectively, and has done postgraduate work at Massachusetts Institute of Technology. His teaching evaluations are always in the top 10 to 25 percent of all instructors on campus.
In addition to his teaching, Dr. McCullough has been particularly successful in research. He is internationally recognized for his contributions to quantum chemistry as indicated by his invitation to participate in a NATO conference in Greece two years ago and in his appointment in 1979 as Visiting Scientist at the Center of Interdisciplinary Research, University of Bielefeld, West Germany. His experimental work has been generously supported by NASA and the National Science Foundation. An author, researcher, teacher, and adviser to both undergraduate and graduate research students, he has earned a reputation as a distinguished scholar and colleague.





COLLEGE OF EDUCATION

associate professor of elementary education, has been at USU since 1977. He holds MS and PhD degrees from Oregon State University and is a specialist in teaching science in elementary grades. Since joining the USU faculty, he has consistently been rated in the top 10 to 25 percent of university teachers, spending a considerable amount of time helping teachers teach. \Box A prolific writer and researcher, Dr. Daugs has developed a number of elementary science curricula in both the United States and Canada. His work with the Biological Sciences Curriculum Study in Boulder, Colorado has affected the teaching of science in elementary schools through the West. He was also a member of the writing team for The Elementary School Sciences Program, a comprehensive curriculum for all elementary grades, published by J.B. Lippincott Co. He has developed science minicourses, presentations, in-service workshops, and curricular assessments which have been sponsored by the University, the federal government, and private industry. Dr.

DONALD R. DAUGS,

teachers on campus. A native of Idaho, Dr. Jones received his BA from Idaho State University, his MA from the University of Colorado, and his PhD from Clare College, Cambridge University. He has published a number of articles, has a book in press, and presides over the Idaho Association for the Humanities. He is an elected associate of the Royal Historical Society of Great Britain and a member of the steering committee for the Anglo-American Historical Conference sponsored by the Institute for Historical Research, London. In 1979 he received the Archbishop Cranmer Prize in Ecclesiastical History from Cambridge University. \square In addition to teaching and scholarship, he has served as a participant in planning an integrated humanities program for USU Extension and has served as a consultant for three Idaho programs for the

Daugs is affiliated with many professional and honorary societies, including Phi Kappa Phi.

advancement of the humanities.





COLLEGE OF AGRICULTURE

L. BRUCE GODFREY, an agricultural economist, has been teaching at USU since 1977. Currently, an associate professor of economics, he holds BS and MS degrees from USU and a PhD from Oregon State University. He teaches courses in natural resource economics, farm and ranch management, and participates in projects of the Agricultural Experiment Station. Advising more than 100 students, teaching Extension classes to ranchers and farmers, and advising the Ag Economics Club on campus, he has demonstrated extensive involvement with USU academic life. 🗌 His own research efforts have been published in numerous journals, and his research grants, amounting to hundreds of thousands of dollars, have analyzed land, water, and animal problems of the West for better policy-making. He is a member of the membership committee of the American Agricultural Economics Association and a member of the editorial council of the Western Agricultural Economics Association. He is widely recognized for his depth of experience and knowledge in public land management, analysis, and problem solving.



a specialist in European history and an assistant professor of history and geography, has taught at USU since 1977. Students have consistently evaluated him as being in the top ten percent of

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

ORMAN L. JONES,

Robins Professor of the Year Award



LORIS S. HENDERSON,

associate professor of business education and administrative systems, has received wide acclaim as one who exemplifies Gilbert Highet's definition of a master teacher as one who "knows the subject and likes it and knows her students and enjoys them." Her scholarship, dedication to and enthusiasm for teaching, and her genuine interest in students, are among the qualities that have earned her the respect of her colleagues and the gratitude and affection of her students. Since 1950, Mrs. Henderson has brought creativity and learning to a classroom doubly enriched by her warm, student-centered approach to office administration and business education, creating a classroom atmosphere conducive to maximum achievement. \Box Her teaching has been complimented by years of service to her profession and community. She has been a past president of the Utah Business Education Association; head of the annual Office Symposium Workshop; officer and active member of the American Association of University Women, Faculty Women's League, and USU Faculty Association; and an adviser to numerous student organizations. \Box For epitomizing the very best in service, professionalism, and higher education, Professor Henderson has been awarded the Robins Professor of the Year Award.

D. Wynne Thorne Research Award



Peter M. BANKS,

professor of physics and head, Department of Physics at Utah State University, has made significant contributions to the understanding of complex physical phenomena occurring in the interactions between the earth's atmosphere and surrounding space. His experiments have explained many diverse observations and opened the way to a better appreciation of the electrical coupling that exists between the magnetosphere and the ionosphere. Related to this has been his theoretical work defining the high latitude ionosphere, which now forms the basis for interpretation of most experimental work done in the high latitude regions. Thus his contributions are of two kinds: first in understanding complex physical problems, and second in the design and execution of convincing experiments and the facilities needed to perform them. \Box He has exerted considerable influence at a national level in designing and giving direction to programs in upper atmosphere research. Several entirely new classes of scientific experiments have been initiated by him or by national committees under his chairmanship. D Wide recognition of his work is evidenced by his having received the Space Science Award of the American Institute of Aeronautics and Astronautics and the Appleton Prize of the Royal Society, London. For his unusual contributions to space science nationally and internationally, Dr. Banks has been awarded the D. Wynne Thorne Research Award.

Candidates for Graduation

Agriculture Doyle J. Matthews

Dean

Amundsen, Debra Lee Anderson, Layne Boyd Aston, Dorian Craig Aznar, Juan Banks, Sterling J. Beck, Wayne Lawrence Behling, Hugh B. Blanthorn, Robert Boyd Bown, Brad R. Brooks, Wendy Jill Browning, Phillip Stephen Bunker, Clyde L. Campbell, Robert Bruce Cannon, Ronald Clay Carpenter, Robert Nelson Cooper, Gary S. Craig, Brent D. Croft, Adella Serrin Dalton, Wade Keith Dart, Bruce Degomez, Thomas E. Derakhshesh, Elahe Dernell, William Scott Eichelberger, Jack Guy Elzey, J. Mark Eyo, Eyo Ita Ferrini, Luis Fischer, Larry O. Grzymkowski, Wayne Robert Harris, Sydney Joan Tanner Havdock, Nancy H. Heflebower, Richard Franklin, Jr. Henneman, Kimberly E. Hernandez, Tomas Eustoquio Hourmanesh, Maryam Hugie, William Von Hurley, Anne Katherine Hussein, Amel Abdul-Majid Ishaya, Joseph B. Keller, Jeffrey Steffen Kelly, Jack King, Wayne Olin Klomps, Mary E. Kluever, Donald M. Kunzler, Russell Lamar Lindstrom, Thor Edwin Littledike, Tracy Clyde Mackey, Ronald James Magnetti, William John Marx, Farrel Eugene Masters, Kerry L. Rohanipour McEnery, Lee Frances Miller, Charles John Mohammed, Abdulaal Abdulammer Moore, Daryl Leigh Morgan, Ingrid Sally Mortensen, M. Lars

Moser, Janet Moses, Mark T. Newhall, Robert Louis Oas, Jonathan William Omorodion, John Owie Padron Noreiga, Jesus Rafael Paffendorf, Judith Anne Panting, Mary Parslow, Victor Lynn Perry, Gregory Merrill Phillips, Ricky G. Russell, Nyle G. Russon, Robert Harland Sagers, Hal Leon Schijf, Alan Jeremy Schmid, Thomas H. Shirvani-Arani, Hossein Suhr, Michael Paul Tenney, Milo Lee Ukpe, Bernard Peter Ustunol, Zeynep Webb, Jaye W. Wilkins, William Henry Witbeck, Gregory

Business

Richard L. Smith Dean

Adams, Craig Palmer Allen, Dwight Wayne Amrein, Kenneth Daryl Anderson, Eva M. Anderson, Kip J. Anderson, Larry Ray Anderson, Ramon C. Anderson, Thomas Rex Andreasen, Mark L. Arcilesi, David Joseph Arnoldson, Gary Elliot Badamchian, Shocoufeh Barahona, Miriam Esther Barney, Jill Donna Barry, Thomas Craig Beck, Thomas Edward Beckstead, Rebecca Beecher, Paul Johnson Benavides, Jeffery Louis Beurskens, Keith R. Bindrup, Lori L. Bingham, Lance Dee Blair, April A. Born, Randall D. Bronson, Robert Ray Brown, Julie Ann Brown, Michael T. Brown, Nancy Buttars, Brad Morgan Butterfield, Tarian Bylund, William J. Bywater, Doug E. Calame, Ann M.

Callahan, Patricia Campbell, Peter Douglas Cheung, Chi Keung Chiang, Tricia Men-Li Choudhary, Mohammad Iftikhar Christensen, Kim A. Clark, Brent Rich Colledge, Richard Jay Colston, Christopher Robin Cook, Kent Loyal Cook, Rodney Lee Coombs, Wendell Dean, Jr. Cooper, Desiree Corbett, Donald Alexander Crook, John Phillip Crosland, Jeffery M. Day, Evelyn DeFries, Annette Larsen Dickerson, Marc Scott Dorn, Ruth Lynn Jensen Dosumu, Olufunmilade Olusoji Downer, Deborah Ann Drysdale, Kim Renee Duroe, Stephen Eugene Egbert, Marcie Ellsworth, Mark A. Ferney, Janet Fife, Raymond Warren Fox, Martin Charles Freeman, Michael Kay French, Ronald L. Fronk, Jeffrey Krey Fronk, Jerald Lee Garcia, Leonardo Gustavo Gardner, Deloy J. Garn, Jim Roy Garn, Michael L. Gibbons, Ronda Eileen Goff, Robert James Goodman, Sandra Lynn Grubell, Scott Gubler, Jolynn Dunn Gunn, John Kenneth Hall, Ladd Ray Hampton, Guy L. Hanks, Susan Hansen Hansen, Robert Paul Hansen, Scott Elliott Hansen, Steven Doyle Hansen, William Blake Hanson, David Leo Harder, Doug T. Harless, Gary Joseph Harman, Brett L. Harootuni, Goorgen Harris, Richard Clair Haydock, George S. Hedlund, Paul Henry Hess, Michael J. Hirchak, Paul James Hittle, Sandra L. Hogan, Richard R. Hopkins, Kenneth

Hornsby, Richard B. Hunsaker, Charles Hunsaker, Dave Austin Hunt, William Albert Huzzey, Kent Edwin Jackson, Lyle Michael Jacobson, Don Wesley Jensen, Janice Ann Jeppesen, Steven K. Jewkes, Steven H. Johnson, Brian R. Johnson, Cynthia Louise Johnson, Rick L. Judd, Paul David Kaminska, Curtis R. Kay, Chester H. Kearl, Monica Meyer Keicher, Jeanne E. Keller, Bradley W. Kerr, Michael Dee Khedmatgozar, Mohammad Reza King, Kelly E. Klun, Natalie A. Knudson, Steven Lewis Kohler, Phillip L. Kohn, Diane Marie Kummer, Randy Lee Kupfer, Brad R. Land, Gary Royce Larsen, Howard Brent Larsen, Sydnie Anderson Larson, Glen Lamar Law, Carl Joseph Law, Kam Fan Leatham, Nile T. Lee, Delwin Kedric Leonard, Patricia E. Lin, Jo-Hsia Lindsay, Mark Alan Lindsay, William David Lindstrom, Grant Lee Linford, Kirk Moncur Liszewski, Diann Marie Logan, Alvin Dequanta Luk, Wing Yum Lundgreen, Kim Wesley Machol, Warren L. Madsen, David Earl Mahoney, Cindy Louise Majka, Anthony F. Marr, Scott B. Mays, Homer Onas McElrath, Richard Paul McKenna, Richard Lyn McMann, Paul John McNeil, Demont W. Meksto, Thomas E. Mickelsen, Kelly Mignano, Mike X. Mitchell, Scot Richard Mojtehedi, Mahmood Mueller, Erich Richard Muirhead, Barbara Nelson Mullaney, Janice Marie Murib, Muhammad Nawaf Murri, Kenneth Dean Nagao, Kent

Najari, Zahra Nakagawa, Tesa M. Nesbit, Thomas David Neuhold, Faith Neumann, Musetta North, James B. Nuttall, Scott Palfreyman, Mark Creer Peng, Alfie Ming-Gwo Peterson, Daniel Jerome Peterson, Kelly L. Peterson, Kenneth A. Price, Robert Jay Price, Steven L. Proffit, Brian D. Rager, Kenneth C. Randorf, Jeffrey A. Rasmussen, Gregory Scott Rathbone, Edward L. Rogers, Sandra F. Rokich, Linda Marie Rossmaessler, Pauline M. Rush, Norman E. Russo, Jose Enrique Sabbah, Shirin Sagers, Robert Dean Sant, Jeri L. Scaglietti, Hugo F. Schimmelpfennig, Madline Quist Schulte, Robert E. Schvaneveldt, James E. Scorzato, Kelly Sheets, Donald H. Small, Richard Craig Sneddon, Dale Robert Sparks, Kelly G. Spraktes, Floyd L. Stephenson, J. Hoyt Stoddard, James David Stoker, Theron Lynn Stott, Leland S. Stott, Michael Ben Stowell, Douglas Leon Stutman, Sheri Lynn Buckner Tarbet, D. Kent Thompson, David S. Umotok, John Jonah Viger, Shane David Volosin, Donald Robert Wahl, Gary Martin Wall, James L. Warner, Raymond Lloyd Weeks, Jeri L. Wells, Kathy Dolores Wilde, Dean Ray Willardson, Timothy M. Williams, Larry J. Wilson, Dirk H. Winder, Randy Stewart Winward, Calvin L. Woolf, Ryan Carmen Worley, John Clyde Yack, Donni L. Yenko, Annette M. Young, Bert Bunnell

Two Year Diplomas

Adams, Teri Ann Archibald, Valene Bateman, Connie Bond, Teresa Ann Bowen, Mary Harrison Bryson, Tina Marie Carter, Jennifer Ann Christensen, Lisa Birch Clark, Julianne Collins, Shanna Eliason, Jana Fausett, Suzzanne Gardner, Carrie Ann Gavlord, Dorene Marie Hales, Tracy Harris Hansen, Betty Vallene Hawker, Debra Lee Heaps, Diana Balls Hirschi, Karen Homer, Barbara Lynn Kamiya, Mieko Kanai, Shizue E. Kerr, Rebecca Rae Mortensen, Leigh Ann Nelson, Connie Obray, Susan Olsen, Mary Jo Packham, Sheri Gail Peterson, Karen Hyde Reams, Sandra L. Reid, Deanna Rogers, Mary Anne Salter, Shelly Ann Scown, Carolyn Shinoda, Hiroshi Simmons, Joi Anne Thompson, Leslie K. Ward, Patricia Jean Whitehead, Carolyn Leith Winslow, Stacey Ann

Education

Oral L. Ballam

Dean Allen, Oliver B. Allred, Carol Ruth Allred, Delores M. Allred, Lorie Allred, Nancy Ann Ames, Madlyn Dorothy Goff Anderson, Loreen Anderson, Raylene Riggs Anderson, Sallie Seaman Anderson, Vickie Kilgore Andriano, Marcia Andrizzi, Sherilyn Oliver Andrus, Vicki L. Okamoto Apgood, Sandra J. Atkins, Cindy R. Atkinson, Linda Rae Austin, Carol Jeanne Baer, James G.

Baker, Jenae Ballam, Julie T. Balls, Jeffrey James Balls, Lori Barker, Tyler R. Barlow, Robert Granville Barthlome, Chris Keith Barton, Mary Faye Bastian, Widtsoe T. Bates, Sharon Bay, David Earl Beard, Brian Daniel Beckstrand, Jenneice F. Gurney Bedingfield, John F. Belew, Darlene Louise Belick, Denise Martha Beutler, Becky Birdsley, Debbie L. Black, Jane Black, Michael Don Bloxham, Emma Bodily, Sue Ann Borg, Heather Born, Joyce Godfrey Bown, Brent E. Boyland, Jayne Elizabeth Boyle, Linda K. Bradley, Marvel E. Brown, Julie Anna Brown, Kristina L. Magnusson Brown, Karen Howell Buck, Jana Lee Jenson Bull, Robin K. Burbank, Alan Dee Buskirk, Karen Ann Butler, Suzanne Butterfield, Robert Conrad Call, Janet Cannon, Cherrie T. Carter, Jane Marie Marriott Christensen, Brent Karl Christensen, Kay Christensen, Peggy Lee Christian, Elizabeth Louise Clark, Rebecca Sue Clark, Robert Brandt Coats, Sheri Lyn Collier, Laura Lee Collins, Carol Confair, Nancy Benson Cooley, John Wadsworth Coombs, Lana Cottle, Annette Viola Cox, Heidi Grant Crane, Janene Gourley Crocker, Joyce Lee Cutler, Lynnette L. Dallin, Phyllis Ann Frischknech Dalton, Elizabeth Davis, Carol Ann K. Davis, Laurie Ball Allen Denos, Raymond James Dernell, Nancy Ann Skuderna Dimick, Lorraine K. Donahoe, Joan M. Doyle, Timothy Aloysius Dravage, Kathryn A.

Duncan, Heather Duncan, Teresa M. Earl, Steven Lynn Echternach, Deborah Rosin Edwards, Rexann Zilles Emery, Kingsley Ogba Evans, Deena Kay Bown Evans, Ralph David Fairbourn, Jeanine Ferris, Candice E. Finkelstein, Ann Louise Flinders, Melece Louise Gale Forsgren, Patricia Ann Fowles, Sherrie Jean Fox, Karen E. Heitman Foxley, Nancy A. Francom, Kristine Gayle Thomas Frome, Annie Frost, Timothy Fullmer, David Jay Funk, Francine Gardner, Michelle J. Garn, Sylvia M. Garrison, Carol Jane Gelinas, Karen Gensel, Gregory Britton Gereaux, Julia K. Gerrish, Theodore R. Glenn, Mike D. Goodsell, Darlene Draper Graham, Shirleen D. Green, Collette Green, Janice Nielsen Green, Lynn Nielsen Greene, Patricia A. Greer, Becky Louise Quong Grimm, Muretta Ruth Gurr, Cecil F. Hadley, Susan Kay Hall, Kimber Dee Hamilton, Jeannette Jones Hamilton, Kristelle Hancey, Catherine Hansen, Mary Jo Hare, Brenda Gail Harper, Brenda Joy Shurtz Hatch, Annette Hatch, Robert Doyle Hembree, Candace Jennings Herd, Lauri Hicks, Joseph Ward Holmes, Susan Kathleen Howard, Shanna Maria Hughes, Kathleen K. Illi, Kelli Hiatt Ingram, Brenda L. Jackson, Terry Holman Jarvis, Ben C. Javan, Mohammad Jaffar Jenkins, Kolet Jensen, Metzie Welling Jenson, Karen S. Jicha, Carole L. John, Janet Johnson, Deann Heninger Johnson, Sue Ann Irons Jones, Douglas Brent

Iones, Patti L. Jousma, Susan Elaine Keeley, Lisa K. Keepers, Frank Richard, Jr. Keller, Kevin Eugene Kennington, Kevan I. Keyes, Linda Andersen Kimbrough, Tip Gene Kulsic, Felecia Lynn Kunz, Joy Labrum, Carrie Ann Labrum, Kim Lambert, Marianne Lamping, Corri L. Latham, Susan Jackson Leidich, Christine Leonard, Peter Wesley Lewis, Bobbi J. Palmer Lewis, Carol (Nancy) Librizzi, Joanne Lindsay, Benjamin Franklin Lindvigsmoen, Tarald Enok Linton, Donald Glen Lloyd, Deanna Loken, Elaine Marie Luhn, Kim M. Mackay, Wendy L. Magleby, Kristi Ann Mair, Diane Malmstrom, Marianne Manuel, Beverly Jean Marshall, Sue Marstella, Mary Lou Mathot, Connie J. Matney, Julie Ann Maughan, Mary Ann Maurer, Elizabeth Louise Maynes, Helen McArthur, Loy Ann McDaniel, Bethany McMullin, Cheryl Ann Means, Ava Ann Mecham, Steven G. Meighen, Scott P. Meldrum, Leann Merkley, Reid G. Merrill, Carrie Clark Merryweather, Steven Max Mieure, Danell Bench Millett, Rodney Dee Mole, Jean Estelle Overman Monson, Linda Morgan, Julie Quinn Morton, Deborah Lee Moss, David Carroll Mountain, May Lee N. Muceus, Jan N. Miller Muir, Sharon Denise Murray, Marilyn Michelle Nelson, Sulin Reid Nestman, Cory S. Nicholes, Deborah Jean Nichols, Matthew Benton Nielsen, Lorna J. Nielson, Deanna Nishiguchi, Peggy A. Nocella, Sonia Eileen S.

Odell, Kathy M. Okada, Teresa S. Okpara, Maria Uloma Okiekan, Deann B. Oliver, Patricia A. Olsen, Annette Webb Olsen, Larris Serge Olsen, Terrell L. Olsen, Terry Dee Olson, Richard H. Orton, Anna Lee P. Corbridge Overman, Jean Estelle Owens, Stacia Svantee Parker, Lesa Parris, Dana Lynne Parrish, Alan Reed Pascoe, Diane Lynn Peay, Debra Marie Pendleton, Bernice K. Petersen, Sharon Effie Peterson, Rhett Larry Phillips, Corine D. Pickett, Terry Lee Poehlmann, Mary Ann Pond, Deneen Preston, Michael Clark Price, Tina M. Pronger, Alison Dianne Purcell, Michele Purcell, Patricia Sue Pymm, Loretta Bernice Queiroz, Rosemary Judge Quilter, Evelyn Mary Quintanilla, Mary Gayle Reeder, Letty Eckensberger Rees, Stan J. Reid, Nancy Ann Riach, Cathrine A. Richards, Nansi L. Richens, Kaye M. Richins, Joyce Risk, John Robert Ritzma, Ann E. Robinson, Cynthia Jean Fullmer Romney, Glenn Martin Runyan, Max Robert Russon, Craig W. Saladino, Bridgette A. Salvo, Michelene Aparicio Sanford, Laurel Saunders, Vincent Ray Scannell, Kelly A. Schettig, Eileen Mary Schuh, Elizabeth B. Shakespear, Patricia Gardner Shepherd, Larry Fuller Sindelar, Joel Craig Skinner, Linda Rae Slack, David Smart, Lawrence A. Sorenson, Sue Spencer, Richard Blair Sperry, Bradford Carl Stadulis, Robert Charles Steinitz, Allison Stocker, Susan M. Stoker, Francene Burtenshaw

Stuart, Heidi S. Anderson Sweat, Kevin D. Tatro, Norman Forrest Terbush, Debra Lynn Thomas, Curtis Gerald Thompson, Julia Mae Tsosie Thornley, Debra Ann Rickert Tippetts, Denice Kay Titus, Sherry Michelle Tuckett, Jack Earl Udy, Suzanne Unvert, Tom J. Van Leeuwen, Barbara A. Van Natta, Darcy Patricia Vernon, Linda Lou Viger, Lisa Marie Villegas, Daniel Rik Vincent, Carol Vincent, Laurie Sullivan Voit, Diane Louise Wagstaff, Ellen Marie Joy Waldron, Karen Ann Walker, Barbara A. Walser, David Milton Jr. Walter, Carla Renee Wayman, Janette Tolley Webster, Karen C. Wegkamp, Karl Ray Weiss, Max N. Welker, Kerry Maureen Western, Gabrielle Pettit Whipple, Susan Michelle Wilkey, Rex Williams Willardson, Lynn Williams, Cathie H. Williams, Rose William Williams, Sheri J. Wimmer, Jan E. Ward Winegar, Barbara Brey Woodbury, Don Adams Wray, Sherrie Allred Wright, Kathy J. Wright, Leslee A. Wyatt, Elizabeth Jane Young, Peggy Ann Kofford Zohner, Patricia

Engineering E. Joe Middlebrooks Dean

Abali, Felix Lambert Abhulimen, Joseph Aimenkeokhale Adelman, Michael Bruce Adl, Abdolreza Afnani, Roshani Moeen Amirfathi, Masood Anderson, Dale Huber Anderson, Gordon Arthur Anderson, Gordon Arthur Anderson, Keith J. Anderson, Paul Miles Appelt, Bobby J. Armstrong, Andrew W. Ashby, Laurin Ralph Ashurst, Charles William

Atai Azimi, Ali Reza Azikiwe, Chukwudi Bahrabadi, Kazem Bain, Margaret Elizabeth Birch, Jo Lyn Birkmayer, Wolfram Siegried Blake, Ronald Jay Boles, Marv A. Bowler, Brent Samuel Bradford, David Roy Bridenstine, David Allen Briscoe, Dennis Ralph Brugger, Paul Victor Burton, David Bruce Butcher, James Edward Calderon, Alejandro Maurcio Call, Raymond Travis Campion, Kevin R. Cannell, Gary Christensen, Dean G. Christiansen, Jeanne M. Clark, Gregory R. Clines, William Gordon Cook, Kendall Cooper, Gary S. Cooper, Grant S. Jr. Cravens, Jean L. Crunk, William Joe Ir. Dansie, Marvin Don Davis, Scott W. Debeliso, Jerome Robert Draper, David Dean Durtschi, David Bruce Fielding, Paul Stanford Florezabihi, Hossein Ali Freeman, Dixon Brad Freestone, Kevin Lloyd Freeze, Larry Ray Galloway, Kent Douglas Garcia, Jorge Alberto Garrett, Laron Gordon Gedge, Kay Rex Gregory, Michael Dean Gremillion, David Michael Hamidnia, Saeed Hardy, Paul Bryant Hatefi, Amir Parviz Hedlund, Richard Carl Henrie, Keven Weston Henrie, Michael L. Hess, Gary David Higsbee, James B. Holland, Joe W. James, Cindy S. Jensen, David W. Jensen, Leland Dare Kabot, Michael David Kambouris, Koustantinos H. Kapur, Anil Kavehahangar, Abdolmehdy Keeley, David Scott Kermanshahchi, Hamid Reza Khatib, Hussam Ahmad Kloepfer, Eldon Jack Knight, Gerald K. Knighton, Dennis Karl Knighton, Gary Edward

Ko, Siu-Ping (Bosco) Koga, Danny J. Lamplugh, George David Lawrence, Judd R. Lebaron, Gavin Weed Leddy, Thomas Patrick Lee, Randall M. Leung, Kam Cheung Lewis, Jeffrey Peterson Limb, Loyal L. Mashinchian, Moradi Mansour McCarthy, Curtis Leighton McQuivey, Brian R. Mehin, Mehran Melton, Scott Allen Miller, Charles Newman, Jr. Miller, Gordon Russell Molavi, Nojomi Aliasgnar Money, James K. Moosavi, Seyed Nematollah Montross, Jan Ervan Moradeslami, Fereidoun Morris, Dana L. Mosquera, Nava Jaime Arturo Nelson, Bill B. Nelson, Rodney Clifford Nielsen, Tab Clint Noya, Eric Sergio Noyes, Harold B. Oskoei, Eslam Moghimi Ozsoy, Mete Packer, Theresa L. Pehrson, Dean James Pirasteh, Ali Akbar Pourfallah, Ali Purnell, Timothy Del Quinly, Tom P. Ramos, Alejandro A. Raybon, Mark William Richins, Clare Howard Roberson, Jeffrev M. Rogers, Gbassay Mardrick Rohr, Larry Francis Salamy, Christian Oyebanji Sara, Steven C. Saunders, Don Ellison Sedaghati, Mohsen Sharifi-Azad, Hoomayon Shaver, Daniel Tori Shaw, Gary Dean Shelley, David Mark Shifrer, Jeff D. Simmons, Brian David Sizer, Scott William Skidmore, Mark Alan Snyder, Mitchell Thomas Soltanieh, Abdolmajid Steoger, Rodney Gordon Stock, Richard Clark Stone, Geoffrey Francis Tabata, Calvin Susumu Tang, Huann-Min Taysom, Conrad Orrin Thadei, Simon Yuda Thompson, George W., Jr. Trego, Bruce L. Tyler, Brooks Kent

Vos, Robert Richard Jr. Walker, Andrew Bartlett Wang, Ke-Yun Charly Ward, Eric A. Warrick, Neil D. Washburn, Gordon Leon Whetstone, Delbert L. Whiteley, Gary Otten Wright, Robert John Yang, Shih-Chiang Michael Young, Steven D. Yousef-Hassidim, Isaac Zimmerer, Joel W.

Two Year Diplomas

Bingham, Bradley Paul Dixon, Randy Keeler, Paul H. Lautenschlager, Gerald Leslie Meppen, Larry Kay Nuttall, Neal V. Orvin, Blair C. Otti, Cyril Ringle, Donald Allen Rogers, Gbassay Mardrick Seeholzer, Kim T.

Family Life

Joan R. McFadden Dean

Adams, Debra L. Kershaw Agbor, Felicia O. Bartschi, Sharon Baugh, Alexander Lewis Bench, Annamarie Bergstrom, Jill Braithwaite, Naoma W. Cain, Michael Wesley Cameron, Carol Carr, Cindy Pugsley Champlin, Linda R. Chatelain, Margie Baird Christensen, Theresa Marie Ball Claubaugh, Connie Jo Combe, Shari L. Cooley, Joyce Salisbury Crosland, Bonnie Peterson Duncan, Danna Ellis, Janet Fitzgerald, Diane Mary Freeman, Candace Jean Gallios, Jeff Link George, Rebecca Goodrich, Alana Greaves, Jacki Lyn Hansen, Joseph Franklin Hansen, Rebecca Harvey, Marjann Holbrook, Carol Jill Kiel, Mary Lucille Koszewski, Wanda M. Larsen, Joann

Livesay, Sharon Lee Bynum Lott, Tamra M. Marcus, Robin Hope Monroe, Mary N. Mosman, Michael W. Muchow, Margaret Carol Munns, Gloria Munson, Leeann Rich Myers, Karrie Ann Weisshaupt Nakamura, Michiko Nelson, Laurie J. Neslen, Kaylene Eudora Ross Nielson, Cheri Nielson, Lance Peart Nielson, Sally E. Stratford Ofarrell, Colleen Delores Osojnak, Kurt E. Pack, Susan Petersen Peatross, Diana Probst, Jane Rees, Joyce Remund, Harold S. Rich, Anne Corinne Robins, Janet Robison, Karyn Joanna Rodriguez, Nelva Elizondo Rodriguez, Wendy A. Roe, Connie Cates Rowe, Shanna Kay Savage, Sandra Seamons, Teresa Seeley, Kera Sessions, Cathy J. Trost Shinney, Ann Marie Burdett Simmons, Carol Smith, Debra A. Smith, Marianne Smith, Patricia Despain Sorensen, Nancy L. Sparrow, Dena Rae Starley, Susan Stewart, Paula Stoddard, Marian Stratford, Lisa Stuart, Ellen Turner, Susan R. Vellinga, Mary Walker, Barbara A. Walker, Carol Ann Walker, Kara Lynne Hunt West, Nancy A. Whipple, Cindy Rae Moon Wilkes, Vickie Lyn Yumiba, Mieko Zimmerman, Lorna

Humanities, Arts and Social Sciences

William F. Lye Dean

Abhulimen, Matthew S. O. Abrams, James F. Ackerman, Bruce Alan

Adams, William Allan Adamson, Jean Susan Ahooraiyan, Afsaneh Allen, Clara T. Altvater, Kurt Funsch Andersen, Carol Ann Anderson, Lisa Ann Anderson, Vickie Lee Andreozzi, John Theodore, Jr. Andrews, Stanford W.K. Andrus, Michael Dee Anthony, Rita Jo Armstrong, Christine Gail Arnot, Susan Marie Baird, Betty Balsam, Theora Marea Banks, John James Barati, Susan Elizabeth Barlow, Chris Barnabee, Debra Lynn Beck, Wayne Lawrence Bennion, Anne McRae Berberich, Petra Lydia Birch, Randy Bill Blake, Nicholas Tibbitts Blanco, Beverly Ann Blaser, Earlene Anderson Bliss, David Bliss, Jodie Lynn Fisher Booth, Kelly L. Boultenhouse, Frances Sylvia Bowles, Layne K. Bradshaw, Jerrold Vincent Bratt, Jerry Lynn Brough, Gary Denton Brown, James Henry Bryant, Douglas L. Buckstaff, Dale Esther Bullough, John Douglas Call, Stephen R. Callaghan, Kathleen Campbell, Gene Robert Carotta, Tracy B. Carr, Steven E. Carter, Donald Alan Chambers, James R. Champlin, Jeffrey Hunt Chan, Raymond Cheong-Tak Chavez, Carmen Nola Child, Pamela Jo Chivers, Catherine Marie Christensen, Susan Rae Christensen, Wendy Zell Christman, Marie Bernice Chugg, Craig Duard Clay, Marianne Collins, Martha Ann Talman Commander, Robert Curtis Compton, Joan Catherine Cone, Buddy Richard Conway, Susan Mary Cook, Kenneth Leon Cooley, David Lyle Coon, Kenneth D., II Cordon, David Charles Craig, Betsy Eveleigh Daines, Allyn F.

Daines, Peter Carlson Deaton, Ricky J. Dudley, Jana C. Rhoads Edwards, Steven J. Endsley, Sandra Ann Eniang, Victor Asuquo Enyeart, Mark Bruce Epstein, Drora Erickson, Jeffry William Eskelsen, David William Falk, Eric Sigurd Falk, Jennifer L. Farina, John Alexander Fehrmann, Florence Ann Foersterling, Vernon H., Jr. Fosmark, Mike Allen Foster, Phillip E. Francuz, Liliane Fritz, Jacqueline K. Gardner, Cindy Sue Gardner, Glenn S. Garner, Blair Kurt Garvin, Dorothy Faye Geer, Grant K. Gibbs, Carole Ann Gilmore, Kathleen Giordano, Mario John Goforth, Dalene Goodwin, Dayne Randolph Gordon, Thomas James Grant, Trisha Lynn Grossman, Richard D. Gubler, Michael Clair Guinand, Debbie Hall, Keith Wilson Hancey, Sherri Hansen, Bonnie J. Hansen, Mindee Hansen, Paul R. Harder, Karen S. Harnois, Michael Anthony Harris, Burton Lee Hart, Calman E. Hartmann, Alan Ernest Hartnett, Stephen G. Harvath, Victoria Diane Hatch, Sydney Hendricks, Donald Reed Hendricks, Hope Hendricks, Ron Hendrickson, L. Brent Henrie, Delene C. Hensley, Patricia G. Higbee, Joseph Marvin, Jr. Higgs, James Alan Hoffman, Timothy James Hoger, Timothy Alan Horne, Saundra Henrie Hougaard, Ethylen Hourmanesh, Ray G. Hourmanesh, Susan Lee Hubbard, Holly Hugie, Linda Zaballos Hulce, James H. Hunt, Lisa Price Huskett, Terry K. Ibach, Mark E.

Jacobs, Robert Samuel Jacobson, Kevan Fay Jenkins, David Douglas Jensen, Wenlee D. Ievas, Karen Marie Johnejack, Kent R. Johnson, Curtis B. Johnson, Janilee Johnson, Mark Lile Johnson, Scott David Johnson, Vicky Jo Jones, Russell L. Jordan, Jeffrey Chandler Keeler, Paul Hamilton Keepers, Joan Laureen Stireman Kemp, Claire Alison Kimber, Gary M. Klasema, Sandra Lynn Kornegay, Tom Lee, Jr. Langdorf, Kelly Minor Larsen, Margaret Jean Leigh, Marsha Lemire, Geraldine F. Lightfoot, Laureen Anne Lindley, Sam Bankhead Litz, Cathrine Logan, Donald R. Logan, Wendy Lopez, Tami L. Lowe, Linda Mar Mahoney, John Francis Malotky, Mary Beth Marriotti, Richard Dale Matheney, Richard Harrison Matheson, Karen Joan McKinney Matheson, Stephen David Matney, Laura E. Holmes Matthews, Laurie L. Mauerman, Kenley Hal Maw, Bruce Larkin McDonough, Eileen M. McDonough, Kevin M. McKenna, Earl Todd McVey, Gary Brian Metcalf, Robert Bruce Miller, Joseph L. Miller, Russell James Millman, Neil Howard Mobasher, Liaey Helal Mohseni, Arezoo Moore, David Grant Moore, Stephen Ralph Mueller, Kent Nelson Murdock, Cheryl Virginia Myers, Linda Nance, Holly B. Johnson Nelson, John Ray Novotny, Margaret Mary Orton, Val Thomas Otti, Victoria C.N. Palmer, W. Raymond Parson, Robert Edward Paul, Brad Perkins, Alice E. Peters, John E. Peterson, Irene Kay Peterson, Kenneth J.

Peterson, Steven C. Phippen, David Arthur Pierce, David Gordon Plant, Pamela M. Pool, Gary Wayne Potter, John R. Purcell, Cliftia Lee Slaugh Razavi, Ziba Reed, Ryan T. Reeves, Brian D. Rich, Tracy Rife, Knute Arthur Robbins, Richard Marion Roberts, Jack Wayne Robins, Florence Gayle Rosenthal, Keri Anne Rudd, Christine McMurtrey Salisbury, Ronald Boyd Saunders, Victor Jay Schmidt, Tammy Ann Schneider, Raymond Michael Schultz, Kellie Kay Scoffield, Alison Sharp, Stephen Alan Shaw, Debbie A. Shinney, Richard Lynn Skanchy, Don Lee Snow, Laurie Snyder, Linda Louise Spackman, Mary Ellen Snyder, Stephnie Kathleen Spannenberg, Ralph Glen Steele, Gretchyn Ann Steele, Richard Hamilton Stenguist, Clifford Brent Stettler, Steven Russell Stokes, Ann Lebaron Stott, Pamila Kay Bowles Sullivan, Kathy Ann Suzuki, Ryiochi Tadlock, Martin Keith Talbot, Carolyn B. Tanabe, Rodney Blaine Tasseff, Cynthia J. Taylor, Bradley Vernon Taylor, Charlotte J. Taylor, Glen Allen Taylor, Michael L. Test, John Wills Tischner, Leisa Lyn Tolley, Lawrence Farnsworth Tom, Sandra L. Toone, Nancy Joy Richardson Tschudy, Raymond Von Twelves, Boyd Richard Uematsu, Tamiko Ure. Brett Van Houten, Toni M. Van Leeuwen, Kent Ronald Van Patten, Claudia Kim Vokinger-Castillo, Jacqueline Waldal, Jeffery Alan Wamsley, Ginger Warburton, Carole Jeanne T. Wardle, James William Watanabe, Chikako Watterson, Michele Adams

Watts, Lisa J. Webb, Curtis Randall Wienert, John M. Wells, Brock Rex Wheiler, Michael J. Whipple, Randal J. Whittier, Robynn Thorley Wilbon, Tyler, Jr. Willoughby, Douglas Craig Woolsey, Garth Mitchell Wyasket, Floyd M. Yanker, Debbie Kay

Natural Resources

Thadis W. Box Dean

Ames, Paul

Arikpo, Emmanuel Eyong Baker, Stanley Kay Barkhurst, Kamen Earla Barthold, Lawrence Rodney, Jr. Becker, Holly Bell. Scott Keith Bird, Fred Randall Boerema, Nancy Lou Bonebrake, Bruce Lee Bowman, Julie A. Brown, Patrick Andrew Brown, Paul Lee Bucher, Melisa Elayne Burk, Robert Charles Burns, Nancy Jayne Byrne, Maura A. Cahalan, Ellen Elizabeth Carse, Peter J. Ciesla, Samuel Steve Coache, Robert Alan Cole, Elizabeth Carol Connelly, Gregory James Constantine, Michael Clifford Cooke, Steve Maurice Cowdell, Robert Harold Cutler, David P. Daley, Cornelia Vanderpool Davis, Shane T. Debeliso, Matthew Michael Digiglia, John Michael Donaldson, M. Christie Edwards, Kent Eric Enright, Kirt A. Flanigan, Dayle Ray Fritz, Daniel Scott Frye, David Oren Fuller, Jeffery Eldon Gardner, Edgar Claude Ghazian, Mohammad Reza Gorman, Mark T. Hadfield, Mark L. Haile, Tamrat Hamilton, Robin Dean Hanson, Stefani Lynne Hassan, Adan Abdirahman Hattendorf, Kimberly Brooke

Hoffdahl, Roger Wesley Hoschek, Timothy E. Humbach, David E. Ils. Sue Jackson, Michael David Janssen, Paul Joel Jay, Chad V. Johnejack, Kent R. Kenton, Larry W. King, Timothy Paul Kirschner, Thomas A. Knutsen, Carol Ann Koppen, Matthew Arthur Larson, David Craig Lauritzen, Wendy Sue Leggat, Mary E. Lindstrom, Kurt Leighton Lof. David Lof, Lori Jan Kettering Luttrell, W. Mark MacLean, Lester Monti McCarter, James B. McMahan, Grady Andrew Mesch, Mark Roland Messerly, Douglas G. Metzger, Thomas W. Michie, Danny Lee Millar, Joseph Charles Morgan, Lisa Reid Musclow, Rudy W. Northcutt, Connie Sue Obrien, Renee Allen Obuch, Raymond C. Ole Kuluo, Gideon Koleesh Olson, Kermit W. Ottinger, Lorraine Ellen Ous, Garrett Vernon Paquin, Steven Jeffery Paul, Brian Walter Pearson, Jeanne Elizabeth Reale, John J. Ruddell, Steven Sammons, Carrie Knapp Sanders, April Louise Schneider, David Sumner Schneidervin, Roger William Schueler, Stephen Carl Sharp, Lynn S. Siebach, Ronald Karl Sjursen, Phillip John Smith, Gregory Bruce Smith, Rebecca Ann Smith, Timothy Zane Solomon, Carol Sorensen, Charles Glade Spickerman, Steven G. Taylor, Alan Reed Thirkill, David Lee Tripp, Shon E. Trussell, Tony Eugene Udy, Kent Jon Vadermoer, Charles Edward Wallace, Guy W. Warren, Kendyl Evelyn Wham, Dave M. Wiedeman, Richard Harry Wilkinson, Robert L.

Wilson, George R. Wischnewsky, Nicolas Woody, William Charles Wrublick, John Martin Yearwood, James Blair Yourston, Lise E.

Science

Ralph M. Johnson Dean

Albrecht, Karl Gordon Alvord, Rex Archibald, Willa J. Arling, Daniel Roger Beam, Michael Thomas Beck, Dan Becker, Mark James Beckman, Roger Dale Bowline, Michael David Branch, John Mark Brown, Michael Rex Burt, Steven J. Campbell, Val Don Cepulis, Linas P. Cheatham, Kelly L. Chidester, Charles Lynn Chien, Joanna Yeh-Yen Chournos, Kim Russell Christensen, Irvin Frank Christensen, Reed Stanton Cita, Antonio Lopez Coburn, Richard Jay Corry, Scott Wallace Daley, Patricia Anne Davis, Kelbey Bruce Davis, Ted Black Dudley, Wayne H. Dundas, Robert Bruce Earl, Caulene Tibbetts

Egbert, Larre Dean Elliott, John Marshall Etim, Lawrence Bassey Evans, Sandra Ferraro, Daniel Lloyd Fiebach, Michael Fraser, Don M. Frischknecht, Mark Francis Geddes, Robert L. Green, David Charles Griffin, Steven Lee Hales, Brian Clint Harris, Mark Thomas Hernandez, Tulio Hill, Raymond Val Hutton, Klinton A. Inui, Kazuhiko Isaacson, Mark Steven Jensen, Lars D. Jensen, Mark Evan Jenson, Mark Krueger Jones, Marvin Willard Kerr, Steven Brent Key Sosa, Arquimedes Jose King, Terri L. Sayer King, Verland J. Kopyscianski, Benjamin B. Krueger, Mark Owen Laroche, Andre Robert Larsen, Ryan H. Lee, Shei-Sun Lott, Gregory Ivan McAdams, William Robert McClellan, Jeffery Lee McPherson, Robins I. Miranda, Mario Julio Mok, Bruce Sai-Ming Moosman, David A. Morgan, Lisa Stevann Nelson, John Richard Nemanich, Frank J. Jr. Neville, Greg C. Nielson, Dale C.

Nishizono, Akimasa Nolisa, Emelda Mwaku Norlin, Rolf A. Olsen, Charles Eldon Paradiso, Carl F. Patarak, Mike Jack, Jr. Peet, Alan L. Penrod, Carev L. Poppleton, Susan Poulsen, David Keith Prinster, Lisa J. Reynolds, Barbara Reynolds, Ingrid Reynolds, Stuart R. Ruben, Edmond Willard Rusk, Cynthia Dugger Russon, Lori L. Sadeghinaini, Shahnaz Sahami, Bahareh Sahamy, Afsaneh Sell, Heinz Werner Smith, Tracy William Sorensen, Dennis Boyd Stevenson, Brian Stewart, Paul Riggs Stibor, Noel B. Stringham, Boyd H. Taylor, John Michael Thorson, Derral C. Tuthill, Howard Berridge Tuttle, Tamra Tyegesen, Mark V. Wardle, Robert Budge Whipple, Robert A. White, Thomas W. Whitney, David Alan, Jr. Wilcox, Claude Eben Wilde, Scott K. Wong, Ping-Wah Yang, Jung Ihn Young, Kenneth J. Yu, Jen Jiuan Zahedi, Kamyar A.

Graduate Studies

Alan M. Hofmeister

Dean

Doctor of Philosophy

Aboumahmoud, Reyad Mahmoud Jaffa-Palestine MS: Brigham Young University, 1977 Major: Nutrition and Food Sciences Major Professor: Dr. C. Anthon Ernstrom Dissertation: Factors Affecting the Measurement of Undenatured Whey Protein Nitrogen in Dried Whey by a Modified Harland-Ashworth Test

Adams, D. Jack

St. George, Utah MS: Utah State University, 1979 Major: Biology Major Professor: Dr. Rex S. Spendlove Dissertation: Studies to Further Evaluate Reoviruses as an Indicator of Enteric Virus Pollution

Aksornkool, Kanikar

Bangkok, Thailand MA: Chulalongkorn University, Thailand, 1972 Major: Sociology Major Professor: Dr. Yun Kim Dissertation: Desired and Expected Family Size of Rural Thai Women in 1975: A Study of Fertility Preferences in Two Rural Villages

Al-Jabery, Ibrahim Abdul Rasoul

Baghdad, Iraq MS: University of Wisconsin/Madison, 1973 Major: Toxicology Major Professor: Dr. Joseph C. Street Dissertation: Pesticide Exposure Studies: Direct and Indirect Detection of Absorption of 2,4-D and Pronamide Herbicides in the Guinea Pig and Occupationally Exposed Workers

Baasiri, Muin Sadek

Sidon, Lebanon MS: American University of Beirut, 1976 Major: Engineering Major Professor: Dr. J. Paul Tullis Dissertation: A Quantitative Study of Free Air Release During Transient Flow

Bittner, Allan Scott

North Logan, Utah BS: Colorado State University, 1971 Major: Animal Science Major Professor: Dr. Lorin E. Harris Dissertation: The Development of Methodology for Gas-Liquid Chromatographic Determination of Plant Sugars in Maturing Reed Canarygrass

Briggs, George Murchie Damariscotta, Maine MS: Utah State University, 1978 Major: Biology Major Professor: Dr. Herman H. Wiebe Dissertation: The Immediate Effects of Root Pruning on Plant Water Relations of Helianthus annuus L.

Bunderson, William Trent Logan, Utah BS: Utah State University, 1974 Major: Range Science Major Professor: Dr. Thadis W. Box Dissertation: Ecological Separation of Wild and Domestic Mammals in an East African Ecosystem

Carpenter, Richard Allan

Tampa, Florida MA: Utah State University, 1975 Major: Psychology Major Professor: Dr. Glendon W. Casto Dissertation: A Peer-Managed Self-Control Program for Reduction of Alcohol Consumption in High School Students

Carter, John Gerald

Asheville, North Carolina MBA: Georgia State University, 1972 Major: Biology Major Professor: Dr. Raymond I. Lynn Dissertation: Effects of the Herbicide Simazine Upon Production in a Two Member Aquatic Food Chain

Cole, Phyllis Livingstone

Los Angeles, California MA: California State University, Northridge, 1972 Major: Psychology Major Professor: Dr. Sebastian Striefel Dissertation: The Effects of Taped Relaxation Training on Physiological Events and Home and Classroom Behavior of Hyperactive Children

Daie, Jaleh

Ahwaz, Iran MS: University of California, Davis, 1975 Major: Plant Science Major Professor: Dr. William F. Campbell Dissertation: Determination of the Temperature Response Curves for Abscisic Acid and its Derivatives in Economically Important Horticultural Crops

Davison, Robert Pemberton

Woodbury, Connecticut MS: University of New Hampshire, 1975 Major: Wildlife Science Major Professor: Dr. Frederick F. Knowlton Dissertation: The Effect of Exploitation on Some Parameters of Coyote Populations

Emami, Alireza

Malayer, Iran MS: Utah State University, 1977 Major: Economics Major Professor: Dr. Terrance Glover Dissertation: Oil and Iranian Development

Engracia, Luisa T. *Quezon City, Philippines* MS: Utah State University, 1976 Major: Sociology Major Professor: Dr. Yun Kim Dissertation: Female Labor Force Participation and Fertility in the Philippines

Gosse, Jeffrey C. Colby, Wisconsin MS: Utah State University, 1978 Major: Wildlife Science Major Professor: Dr. William T. Helm Dissertation: Brown Trout (Salmo trutta) Responses to Stream Channel Alterations, Their Microhabitat Requirements, and a Method for Determining Microhabitat in Lotic Systems

Graybill, Bevan Todd Lawton, Oklahoma MS: Utah State University, 1979 Major: Psychology Major Professors: Dr. Michael Bertoch and Dr. Keith T. Checketts Dissertation: The Interaction of Locus of Control and the Structure of Relaxation Training

Griffith, Earl Eugene

Brownstown, Pennsylvania MA: Middle Tennessee State University, 1975 Major: Psychology Major Professor: Dr. Edward K. Crossman Dissertation: Biofeedback: A Possible Substitute for Smoking

Hansen, Roger Dennis

Logan, Utah MS: Utah State University, 1978 Major: Engineering Major Professor: Dr. A. Bruce Bishop Dissertation: A Multivariate Analysis of Municipal Water Use in Utah

Hardin, Clay Winchester

Washington, D.C. MS: Utah State University, 1973 Major: Sociology Major Professor: Dr. H. Bruce Bylund Dissertation: The Translation of Private Attitudes Into Public Action: The Case of Land Use Planning in the State of Utah

Havstad, Kris Mark

Saratoga, California MS: New Mexico State University, 1977 Major: Range Science Major Professor: Dr. John C. Malechek Dissertation: The Energy Expenditure of Heifers Grazing Crested Wheatgrass Rangeland in West-Central Utah

Hong, Dong Shik

Yeoju, Gyeonggi, Korea MS: Seoul National University, 1974 Major: Sociology Major Professor: Dr. Brian L. Pitcher Dissertation: Education, Participation, Institutionalization and National Development

Hong, Gene Leong

Logan, Utah MS: Utah State University, 1975 Major: Nutrition and Food Sciences Major Professor: Dr. G. H. Richardson Dissertation: Economical Bulk Lactic Culture Concentrates for Manufacturing American Style Cheese

Hutchison, Richard Arthur

Bettendorf, Iowa MS: Iowa State University, 1969 Major: Psychology Major Professor: Dr. Elwin C. Nielsen Dissertation: Ego Strengthening Hypnotic Suggestions Versus Specific Hypnotic Suggestions in the Treatment of Obesity

Jalalian, Ahmad

Damghan, Semnan, Iran MS: University of Tehran, 1976 Major: Soil Science and Biometeorology Major Professor: Dr. Alvin R. Southard Dissertation: Characteristics and Genesis of Selected Paleborolls and Cryoboralfs in Northern Utah

James, William Robert Logan, Utah BS: U.S. Naval Academy, 1969 Major: Engineering Major Professor: Dr. David S. Bowles Dissertation: Model Choice: An Operational Comparison of Stochastic Streamflow Models for Droughts

Kaewkulaya, Jesda

Banglen, Nakhonpathom, Thailand MS: Utah State University, 1978 Major: Engineering Major Professor: Dr. R. W. Hill Dissertation: Scheduling Rotation Irrigation for Multiple Crops in a Large Scale Project

Kan, Stephen Hau-wah Hong Kong MS: Utah State University, 1977 Major: Sociology Major Professor: Dr. Yun Kim Dissertation: Migrant-Nonmigrant Differentials, Housing Type, Community Satisfaction and Migration: A Study of Nonmetropolitan Communities in Utah Within the Context of Population Turnaround

Kidambi, Rastri Dey

Calcutta, West Bengal, India MS: Utah State University, 1977 Major: Biology Major Professor: Dr. Neal K. Van Alfen Dissertation: Impact, Epidemiology and Control of Crown and Root Rot of Spring Barley in Utah

Landres, Peter Brian Los Angeles, California

BS: Lewis & Clark College, 1972 Major: Biology-Ecology Major Professor: Dr. James MacMahon Dissertation: Community Organization of the Arboreal Birds in Some Oak Woodlands of Western North America

Larsen, Todd Scott

San Antonio, Texas MS: Utah State University, 1979 Major: Psychology Major Professor: Dr. Keith T. Checketts Dissertation: The Development of a Values Assessment Device Based Upon the Assumptions Underlying the Direct Approach to Moral Education

Malek, Ali

Babol, Iran MS: Utah State University, 1974 Major: Watershed Science Major Professor: Dr. Cyrus M. McKell Dissertation: Hydrologic Aspects of Water Harvesting on Processed Oil Shale, A Saline Medium

Mattar, Alan Thomas Fort Worth, Texas MA: Saint Mary's University, 1978 Major: Psychology Major Professor: Dr. William R. Dobson Dissertation: Primary Representational Systems as a Basis for Improved Comprehension and Communication

Michalk, David Leslie

Parkes, New South Wales, Australia MS: University of New South Wales, 1977 Major: Range Science Major Professor: Dr. B. E. Norton Dissertation: Natural Pastures of the Macquarie Region of New South Wales: Their Origin, Composition and Management

Morgan, Thomas Ward Los Angeles, California MS: University of California, 1970 Major: Engineering Major Professor: Dr. Ronald L. Thurgood Dissertation: Vector Optimization Decision Convergence Algorithm (VODCA)

Nyby, David William

Redding, California MS: University of California at Berkeley, 1974 Major: Engineering Major Professor: Dr. Loren R. Anderson Dissertation: Finite Element Analysis of Soil-Sheet Pile Interaction

Oosterhuis, Derrick M.

Pretoria, Transvaal, South Africa MS: Reading College England, 1973 Major: Biology Major Professor: Dr. Herman H. Wiebe Dissertation: Hydraulic Conductivity and Drought Acclimation of Cotton Root Systems

Osborn, Thomas Gordon

Hart, Michigan MS: Michigan State University, 1975 Major: Wildlife Science Major Professors: Dr. William T. Helm and Dr. Vincent A. Lamarra Dissertation: Stream Insect Production as a Function Of Alkalinity and Detritus Processing

Pano, Abraham

Rishon Lezion, Israel MS: Technion, Haifa, 1977 Major: Engineering Major Professor: Dr. E. Joe Middlebrooks Dissertation: The Kinetics of Rotating Biological Contactors Treating Domestic Wastewater

Park, Young Woo Seoul, Korea MS: University of Minnesota, 1976 Major: Animal Science Major Professor: Dr. Melvin J. Anderson Dissertation: A Study on Predicting Carotene, Nitrate, Soluble N and Fibrous Fractions in Forages and Vegetables with Near-Infrared-Reflectance Spectroscopy, and Effects of Processing Methods on Carotene Contents

Pitaktepsombati, Pichit

Bangkok, Thailand MA: University of Hawaii, 1971 Major: Sociology Major Professor: Dr. Yun Kim Dissertation: Socio-Demographic and Economic Factors Affecting Fertility in Rural and Urban Thailand

Reddy, Rukma Naravatla

Hyderabad, Andhra pradesh, India MS: Alabama A. & M. University, 1976 Major: Nutrition and Food Sciences Major Professor: Dr. D. K. Salunkhe Dissertation: Effects of Cooking and Germination of Black Gram (Phase-Olus Mungo L.) And Fermentation of Black Gram and Rice (Oryza Sativa L.) Blend on Phytates, Q-Amylase Inhibitors, Phytohemagglutinins, and Flatulence Producing Factors

Ritchison, Gary Kenneth Elysian, Minnesota MA: Mankato State College, 1975 Major: Biology Major Professor: Dr. Keith Dixon Dissertation: Singing Behavior of the Black-Headed Grosbeak, Pheveticus melanocephalus, with Emphasis on the Function of Singing by Females

Robberecht, Ronald San Diego, California MS: Utah State University, 1977 Major: Range Ecology Major Professor: Dr. Martyn M. Caldwell Dissertation: Higher Plant Acclimation to Solar Ultraviolet-B Radiation Rockwood, Alan L. Provo, Utah BS: Brigham Young University, 1973 Major: Chemistry Major Professor: Dr. E. A. McCullough Dissertation: Mechanism of Two Homogeneous Reactions: CO Self and Exchange and N₂ Self Exchange

Rooyani, Firouz Tehran, Iran MS: Utah State University, 1976 Major: Soil Science and Biometeorology Major Professor: Dr. Alvin R. Southard Dissertation: Characteristics and Genesis of Certain Soils in the Southern Foothills of Central Alborz, Iran

Roush, Thomas Leo Huntington, Utah

MS: New Mexico Highlands University, 1974 Major: Special Education Major Professor: Dr. Phyllis Publicover Dissertation: A Comparison of Title I Norm-Referenced (Model A) and Special Regression (Model C) Evaluation Models

Schlundt, Al Fred Moline, Illinois MS: University of Florida, Gainesville, 1977 Major: Range Science Major Professor: Dr. Don Dwyer Dissertation: Common Use Grazing Studies on Southern Utah Summer Range

Shelton, Robert B., Jr.

Brigham City, Utah MS: Utah State University, 1973 Major: Psychology Major Professor: Dr. Michael R. Bertoch Dissertation: A Comparison of Cerebral Electrotherapy and Relaxation as Anxiolytics

Simnegar, Ghodratola

Shiraz, Iran MS: Utah State University, 1977 Major: Economics Major Professor: Dr. W. Cris Lewis Dissertation: The Effect of Zoning on the Price of Single-Family Homes: An Empirical Study

Smadi, Suleiman Afif

Nablus, West Bank, Jordan MS: Utah State University, 1975 Major: Engineering Major Professor: Dr. Roland W. Jeppson Dissertation: Hydraulic Characteristics and Flow Prediction in High Gradient Channels

Smee, Donald Frederick

Salt Lake City, Utah MS: Utah State University, 1979 Major: Biology Major Professor: Dr. Robert W. Sidwell Dissertation: The Inhibition of Reoviruses, Rotaviruses, and Orbiviruses by Selected Antiviral Substances

Stromer, Robert Leon, Jr. Bremerton, Washington MS: Eastern Washington University, 1971 Major: Psychology Major Professor: Dr. J. Grayson Osborne Dissertation: Nonidentity Matching-to-Sample with Retarded Adolescents: Stimulus Equivalences and Sample-Comparison Control Timper, Priscilla Tomich Wheeler, Wisconsin MS: Utah State University, 1972 Major: Sociology Major Professor: Dr. Therel R. Black Dissertation: The Relationship Between the Adoption of Modern Farm Practices and the Participation of Farm Women in Farm Tasks

Voos, Kenneth A.

Browns Mills, New Jersey MS: Utah State University, 1978 Major: Engineering Major Professor: Dr. William J. Grenney Dissertation: Simulated Use of the Exponential Polynomial/maximum Likelihood Technique in Developing Suitability of Use Functions for Fish Habitat

Wardeh, Muhammad Fadel

Salamieh, Syria MS: American University of Beirut, 1969 Major: Animal Science Major Professor: Dr. Lorin E. Harris Dissertation: Models for Estimating Energy and Protein Utilization for Feeds

Weiss, Richard H.

Montreal, Quebec, Canada MA: Western Michigan University, 1973 Major: Psychology Major Professor: Dr. Glendon W. Casto Dissertation: Effects of Reinforcement on the IQ Scores of Preschool Children as a Function of Initial IQ

Wheeler, Raymond Mathias

Los Lunas, New Mexico MS: Utah State University, 1978 Major: Plant Science Ecology Major Professor: Dr. Frank B. Salisbury Dissertation: The Roles of Mechanical Stress and Ethylene in Clinostat Induced Leaf Epinasty and Gravitropic Response of Dicot Shoots

Zohner, Alan Leonard

Idaho Falls, Idaho MS: Utah State University, 1979 Major: Psychology Major Professors: Dr. Michael Bertoch and Dr. William R. Dobson Dissertation: The Effects of Psychodiagnostic Information and Therapist Accountability on

formation and Therapist Accountability on Psychotherapeutic Outcome

Doctor of Education

Dennee, Jean M.

Milwaukee, Wisconsin

MST: University of Wisconsin/Whitewater, 1974 Major: Curriculum Development and Supervision Major Professor: Dr. Lloyd W. Bartholome Dissertation: Importance and Frequency of Entry-Level Competencies as Perceived by Word Processing Supervisors, Correspondence and Administrative Secretaries, and Word Processing Educators in Wisconsin

Homer, Michael M.

Salt Lake City, Utah

MBA: University of Utah, 1971 Major: Curriculum Development and Supervision Major Professor: Dr. William A. Stull Dissertation: Cooperative Education Directors' Leadership Styles, Organizational Characteristics and Program Success in United States Colleges and Universities

Kirks, Barbara Aileen

Chico, California MPH: UCLA, 1965 Major: Curriculum Development and Supervision Major Professors: Dr. Deloy G. Hendricks and Dr. Eldon M. Drake Dissertation: The Effect of Parent Involvement in a Nutrition Education Program for Primary Grade Pupils

Schatz, Anne Elizabeth

Hemet, California MS: University of North Dakota, 1967 Major: Curriculum Development and Supervision Major Professor: Dr. Lloyd W. Bartholome Dissertation: Personality and Satisfaction Characteristics as Factors in Predicting Job Performance of Word Processing Secretaries and Administrative Secretaries

Education Specialists

Dunn, Cathey Marie Boulder, Colorado MS: Utah State University, 1980 Major: Instructional Technology Major Professor: Dr. J. Nicholls Eastmond, Jr.

Nelson, Richard C.

Rexburg, Idaho MS: Brigham Young University, 1970 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Civil Engineer

Amini, Ali Tehran, Iran MS: Ohio State University, 1977 Major: Engineering Major Professor: Dr. Roland W. Jeppson Thesis: Numerical Solution of Open Channel Flow for Steady Spatially Varied Flow in Prismatic and Nonprismatic Channels

Fisk, Edward Penn

Logan, Utah MS: University of Southern California, 1967 Major: Engineering Major Professor: Dr. Calvin G. Clyde Thesis: A Survey and Evaluation of Shallow Groundwater Contamination in the State of Utah

Master of Accounting

Berrett, Anthony Edward Ogden, Utah BS: Weber State College, 1980

Chang, Horng-Chi Taipei, Taiwan, ROC BB: University of Chinese Culture, 1977

Han, Feng Fanny Taipei, Taiwan, ROC BA: Providence College, 1976

Hurley, Keith Alan Santa Ana, California BS: Utah State University, 1979

Johnson, Glenna Rexburg, Idaho BS: Brigham Young University, 1975 Lin, I-Rong Kao Hsing, Taiwan, ROC Bachelor of Law: Chung-Hsing University, 1976

Stoddard, James David Ashton, Idaho BS: Utah State University, 1980

Master of Arts

Anderson, Marianne Gerda

Görwihl, Baden-Württemberg, West-Germany MS: Christian-Albrechrs University, 1974 Major: Theater Arts Major Professor: Dr. Colin B. Johnson Thesis: An Analysis of Heinrich Heine's Dramatic Works: Almansor and William Ratcliff

Castillo, Colleen Elwell

Brigham City, Utah BS: Utah State University, 1974 Major: English Major Professor: Dr. Karl Krahnke Thesis: Error Analysis in Composition

Coleman, Robert Denton Ogden, Utah BS: Utah State University, 1977 Major: Secondary Education Major Professor: Dr. Max F. Dalby Thesis: A Study of Utah High School Band Teachers' Perceptions of Factors Affecting the Band Rehearsal Period

Dull, Kenneth Gerald

Battle Ground, Washington BA: Walla Walla College, 1973 Major: History Major Professor: Dr. Charles S. Peterson Thesis: Mormon Migration to Oregon's Grande Ronde Valley: A Portent of Future Mormon Expansion

Liff, Ross Nathin

Grand Junction, Colorado BA: Mesa College, 1978 Major: History Major Professor: Dr. C. Robert Cole Thesis: The English Evacuation of France in 1940, and United States Naval Involvement in the Western Pacific to 1898

Morrissey, Katherine Goggin

San Francisco, California BA: Yale University, 1978 Major: History Major Professor: Dr. Charles S. Peterson Thesis: Mind and Environment: Changing Perceptions of the Snake River Plains, Idaho—1811-1900

Mueggler, Rosalie Ryan Logan, Utah BA: Loretto Heights College, 1957 Major: English Major Professor: Dr. John E. Lackstrom Thesis: Raising Bilingual Children in a Monolingual Environment

Reutzel, Douglas R. Lovell, Wyoming BA: University of Wyoming, 1977 Major: Elementary Education Major Professor: Dr. Bernard L. Hayes Thesis: Identification and Comparison of Reading Comprehension Skills and Amounts of Reading Comprehension Skill Instructional Activities in Four Third-Grade Readers Shuldberg, Howard Kelly Smithfield, Utah BA: Utah State University, 1976 Major: English Major Professor: Dr. Karl J. Krahnke Thesis: An Examination of the Importance of Focus on Form for Monitor Function

Stucki, Carla Dene Santa Clara, Utah BA: Southern Utah State College, 1978 Major: English Major Professor: Dr. Kenneth W. Brewer Thesis: Treeline: The Poetry of Robert Bly

Master of Business Administration

Adam, Gary Lynn Salt Lake City, Utah BS: University of Utah, 1972

Amatey, James Aho Cross River, Nigeria BS: Utah State University, 1980

Anderson, Dale Lamar Burley, Idaho BS: Utah State University, 1979

Beaulieu, Robert James, Jr. Burlington, Massachusetts BS: North Adams State College, 1977

Boynton, Lewis R. Clearfield, Utah BS: University of Utah, 1975

Bradbury, Brent Lowell Eden, Utah BS: Utah State University, 1966

Chow, Shun-Wing D. Hong Kong BS: Brigham Young University, 1979

Colbert, Robert Donald Salt Lake City, Utah BS: Weber State College, 1972

Cottle, Dean R. Layton, Utah BS: Weber State College, 1973

Cwik, Richard A. Cedar City, Utah BS: Utah State University, 1980

Fife, Craig Alan Camarillo, California BS: Southern Utah State College, 1979

Fox, Lawrence K. Bountiful, Utah BS: Brigham Young University, 1978

Hadley, Alan Keith Walla Walla, Washington BS: Brigham Young University, 1979

Hafen, Kevin Stanley Las Vegas, Nevada BS: Brigham Young University, 1979

Hamilton, Edwin Las Vegas, Nevada BS: Chapman College, 1980 Holmes, Jeanette Fern Williamsport, Indiana BS: Utah State University, 1975

Hooper, Gerald L. Logan, Utah BS: Weber State College, 1979

Johnson, Dorcas Griffin *Ogden, Utah* BS: Weber State College, 1979

Johnson, Sanford Michael Minnetonka, Minnesota BS: Mankato State University, 1970

Kozij, Stanley James Hamburg, Michigan BS: Michigan State University, 1969

Larson, Craig B. Murray, Utah BS: University of Utah, 1979

Law, Kam Man Hong Kong BA: Utah State University, 1979

Lindley, Gregory Earl Smithfield, Utah BS: Utah State University, 1978

Loveland, Matthew Napela Laie, Hawaii BS: BYU-Hawaii Campus, 1976

McArthur, Stuart S. Huntington, Utah BS: Brigham Young University, 1979

Morelli, Alan David Miami, Florida BS: Florida State University, 1977

Nakayu, Roger T. Roy, Utah BS: Utah State University, 1976

Neibaur, Chad B Bancroft, Idaho BS: Brigham Young University, 1980

Norseth, Brett Ernest Ogden, Utah BS: University of Utah, 1977

Olsen, Rodney C. Farmington, Utah BS: University of Utah, 1976

Pack, Kevin Donald Logan, Utah BS: Utah State University, 1979

Paxman, Alan James Logan, Utah BS: Utah State University, 1977

Peterson, Kim C. Ogden, Utah BS: Brigham Young University, 1979

Shetty, Sujata V. Bombay, Maharashtra, India B of Commerce: University of Bombay, 1979

Sin, Bruce H. Kowloon, Hong Kong BS: BYU-Hawaii, 1980 Snow, Clayton C. Roosevelt, Utah BS: Utah State University, 1980

Wilcox, Alan Clair Midland, Texas BS: Brigham Young University, 1978

Williams, Sharon Sam Provo, Utah BS: Brigham Young University, 1977

Winters, Timothy Cochran Logan, Utah BS: Brigham Young University, 1979

Wiser, Ron G. Logan, Utah BA: Utah State University, 1979

Yambrach, Frederick James Bloomfield Hills, Michigan BS: Michigan State University, 1977

Zabriskie, Scott McKay Orem, Utah BS: Brigham Young University, 1979

Master of Education

Allen, Nancy Bountiful, Utah BA: Brigham Young University, 1978 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Allen, Susan Wright Logan, Utah BA: Swarthmore College, 1965 Major: Instructional Technology Major Professor: Dr. Brenda M. Branyan

Anderson, Mary Gloria P. Hyrum, Utah BS: Utah State University, 1972 Major: Elementary Education Major Professor: Dr. L. Gail Johnson

Anderson, T. Gary Nibley, Utah BS: Utah State University, 1979 Major: Elementary Education Major Professor: Dr. Jay A. Monson

Andrus, Dixie G. H. St. George, Utah BS: Utah State University, 1964 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Barlow, Yvonne Colorado City, Arizona BS: Southern Utah State College, 1973 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Barney, Floyd Bruce Washington, Utah BS: Southern Utah State College, 1975 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Beckman, Kent D. Centerville, Utah BS: Weber State College, 1969 Major: Elementary Education Major Professor: Dr. E. Malcom Allred Bell, Jack Edward Roosevelt, Utah BS: Southern Utah State College, 1972 Major: Secondary Education Major Professor: Dr. Walter L. Saunders

Bettinger, Linda Neal

Lowell, Massachusetts BS: Plymouth State College, 1970 Major: Instructional Technology Major Professor: Dr. Brenda M. Branyan

Boehme, Brent Russell Hyde Park, Utah BS: Utah State University, 1978 Major: Instructional Technology

Major Professor: Dr. Brenda M. Branyan

Brady, A. Kathleen Downey, Idaho BS: Brigham Young University, 1977 Major: Elementary Education Major Professor: Dr. Jay A. Monson

Brady, William Merle Toquerville, Utah BA: Southern Utah State College, 1973 Major: Secondary Education

Major Professor: Dr. William J. Strong

Brigance, Robert Preston, Jr. Silver Spring, Maryland BS: University of Maryland, 1972 Major: Instructional Technology Major Professor: Dr. Don C. Smellie

Buchanan, Patricia Anne Rawlins, Wyoming BS: University of Wyoming, 1976 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Burke, Sharon S. Woodbury, New Jersey BA: Douglass College, 1970 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Burrell, Janalee Hyrum, Utah BS: Weber State College, 1978 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Cautillo, Carol Lynn Bronx, New York BS: Herbert H. Lehman College, 1978 Major: Secondary Education Major Professor: Dr. Craig W. Kelsey

Christy, James Alan Minneapolis, Minnesota BS: University of Minnesota, 1977 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Corry, Jeffrey Decker Cedar City, Utah BA: Southern Utah State College, 1975 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Covington, Eddus E. Idaho Falls, Idaho BA: Idaho State University, 1971 Major: Instructional Technology Major Professor: Dr. R. Kent Wood

Crampton, Richard Wyatt

Port Byron, Illinois BS: Utah State University, 1979 Major: Elementary Education Major Professor: Dr. E. Malcom Allred

Croom, Marrium Anne Taylor Grantsville, Utah BS: University of Nevada, 1949 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Crosby, William Arthur Hurricane, Utah BS: Utah State University, 1977 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Cuthbert, Rodney Blair Orem, Utah BA: Utah State University, 1974 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Davidson, Cindy Marie

Las Vegas, Nevada BS: Southern Utah State College, 1973 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Douglass, Scott Eli Smithfield, Utah BS: Utah State University, 1968 Major: Secondary Education Major Professor: Dr. Kenneth C. Farrer

Drury, Carol Marie Providence, Utah BS: Utah State University, 1972 Major: Secondary Education Major Professor: Dr. William J. Strong

Dugan, Vickie Lynn Osborne, Kansas BS: Fort Hays Kansas State University, 1975 Major: Secondary Education Major Professor: Dr. Lincoln H. McClellan

Earl, Boyd J. Laverkin, Utah BA: Weber State College, 1969 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Erickson, Doran "J" Afton, Wyoming BS: Utah State University, 1972 Major: Elementary Education Major Professor: Dr. Bernard L. Hayes

Erickson, Jane G. Ephraim, Utah BS: Utah State University, 1975 Major: Instructional Technology Major Professor: Dr. J. Nicholls Eastmond, Jr.

Farr, Sidney Shosted St. Anthony. Idaho BS: Weber State College, 1974 Major: Secondary Education Major Professor: Dr. William J. Strong

Fawson, Donald John Leeds, Utah BS: Brigham Young University, 1971 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson Fidel, Saundra J. Salt Lake City, Utah

Salt Lake City, Utah BMus: Brigham Young University, 1970 Major: Instructional Technology Major Professor: Professor Duane E. Hedin

Freed, Deborah Stuart

East Layton, Utah BS: Miami University, 1976 Major: Secondary Education Major Professor: Dr. Donald K. Sharpes

Frei, David Hafen Santa Clara, Utah BA: Southern Utah State College, 1978 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Gentry, Allen Harry St. George, Utah BA: Southern Utah State College, 1977 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Ghazal, Kusai Tawfiq Al-Kadisia, AL-Zuhur BA: University of Mosul, 1976 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Gines, Vida B. Logan, Utah BS: Utah State University, 1960 Major: Secondary Education Major Professor: Dr. William J. Strong

Goodey, LeRoy Ross Clarkston. Utah BS: Utah State University, 1966 Major: Secondary Education Major Professor: Dr. Walter L. Saunders

Hadley, LaVar Monroe Hurricane, Utah BS: Southern Utah State College, 1978 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Halling, Daye H. Salt Lake City, Utah BS: Utah State University, 1975 Major: Instructional Technology Major Professor: Dr. Don C. Smellie

Hansen, Lucille Finlayson Logan, Utah BS: Brigham Young University, 1957 Major: Elementary Education Major Professor: Dr. Donald R. Daugs

Hart, Marsha Lynn Bluff, Utah BS: California State University at Hayward, 1973 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Haughey, Kathryn Susan San Jose, California BA: Point Loma College, 1978 Major: Secondary Education Major Professor: Dr. Lincoln H. McClellan

Hill, Leon M. Ucon, Idaho BS: Utah State University, 1952 Major: Instructional Technology Major Professor: Dr. Don C. Smellie Himmel, Carolyn Berry Arcadia, California BBA: University of Oregon, 1965 Major: Instructional Technology Major Professor: Dr. Brenda M. Branyan

Hubert, Richard "R" Dietrich, Idaho BA: Utah State University, 1974 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Hudson, Gary M. Mendon, Utah BS: Utah State University, 1964 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Hughes, Thomas Eldon Washington, Utah BS: Southern Utah State College, 1974 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Hunt, Cornelia Lynne Hyrum, Utah BS: Utah State University, 1968 Major: Secondary Education Major Professor: Dr. William J. Strong

Hyatt, Linda Lee Parowan. Utah BS: Southern Utah State College, 1970 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Jackson, Evelyn S. Ogden, Utah BS: Weber State College, 1980 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Jeffs, Craig Richard Brigham City, Utah BS: Weber State College, 1975 Major: Elementary Education Major Professor: Dr. Bryce E. Adkins

Jeffs, Stephen Alma North Ogden, Utah BS: Weber State College, 1967 Major: Secondary Education Major Professor: Dr. Kenneth C. Farrer

Jensen, Marion David Preston, Idaho BA: Arizona State University, 1965 Major: Instructional Technology Major Professor: Dr. J. Steven Soulier

Jensen, Randall C. North Ogden, Utah BS: Weber State College, 1976 Major: Elementary Education Major Professor: Dr. Donald R. Daugs

Jeppesen, J. Scott Hyde Park, Utah BA: Utah State University, 1975 Major: Secondary Education Major Professor: Dr. William J. Strong

Jeppson, Jeri Ogden, Utah BS: Utah State University, 1979 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood Johnson, Dennis Paul Inglewood, California BS: Utah State University, 1968 Major: Elementary Education Major Professor: Dr. Jay A. Monson

Jones, Jana Lee Idaho Falls, Idaho BS: Utah State University, 1974 Major: Special Education Major Professor: Dr. Hyrum Henderson

Jones, Richard Nathan Roosevelt, Utah BS: University of Colorado, 1961 Major: Secondary Education Major Professor: Dr. Ross R. Allen

Kato, Christy L. Clinton, Utah BS: Weber State College, 1979 Major: Elementary Education Major Professor: Dr. Malcom E. Allred

Keeley, Arthur Ray Hyrum, Utah BS: Utah State University, 1950 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Kendell, Sharon Louise Ogden, Utah MLS: Brigham Young University, 1979 Major: Elementary Education Major Professor: Dr. Dorothy Jean Pugmire

Killoran, John Joseph North Chicago, Illinois BS: Utah State University, 1979 Major: Special Education Major Professor: Dr. Daniel P. Morgan

King, Christy Jane Roosevelt, Utah BS: Culver-Stockton College, 1975 Major: Secondary Education Major Professor: Dr. Eldon M. Drake

King, Donna L. Ogden, Utah BA: Kearney State College, 1964 Major: Elementary Education Major Professor: Dr. Malcom E. Allred

Klueter, David Alan Breese, Illinois BS: Western Illinois University, 1977 Major: Instructional Technology Major Professor: Dr. Michael L. DeBloois

Larsen, Georgia Newton, Utah BS: Utah State University, 1974 Major: Instructional Technology Major Professor: Dr. Brenda M. Branyan

LeBeau, Lorraine Dorothy Vernal, Utah BS: Utah State University, 1970 Major: Instructional Technology Major Professor: Dr. Michael L. DeBloois

Lewis, Walter J. Saco, Maine BS: University of Southern Maine, 1980 Major: Instructional Technology Major Professor: Professor G. Leon Beutler Loe, Ileen Jensen Huntington, Utah BS: Southern Utah State College, 1970 Major: Secondary Education Major Professor. Dr. Terrance E. Hatch

Lowry, William Harlan Logan, Utah BS: Washington and Lee University, 1967 Major: Instructional Technolgy Major Professor: Dr. J. Steven Soulier

Matney, Thomas Gifford Soda Springs, Idaho BA: Boise State University, 1979 Major: Instructional Technology Major Professor: Professor Gary S. Poppleton

Mayne, Diane Salt Lake City, Utah BS: Utah State University, 1975 Major: Instructional Technology Major Professor: Dr. Brenda M. Branyan

McCarthy, Daniel Colebrooke Boothbay, Maine BS: Fitchburg State College, 1972 Major: Instructional Technology Major Professor: Dr. J. Nicholls Eastmond, Jr.

Miller, Ramona Elaine Lincoln, Nebraska BS: University of Nebraska, 1972 Major: Elementary Education Major Professor: Dr. L. Gail Johnson

Miller, Robert Walker Kalamazoo, Michigan BPA: Brooks Institute of Photography, 1975 Major: Instructional Technology Major Professor: Professor Duane E. Hedin

Mitchell, Travis D. Preston, Idaho BS: Utah State University, 1975 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Monks, Cal Brad Roosevelt, Utah BS: Utah State University, 1974 Major: Secondary Education Major Professor: Dr. Izar A. Martinez

Moyes, Patricia Petersen Ogden, Utah BS: Weber State College, 1978 Major: Elementary Education Major Professor: Professor Evelyn L. Wiggins

Mueller, Elizabeth Liljenquist

Ogden, Utah BS: Weber State College, 1977 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Murch, Louise Logan, Utah BS: Utah State University, 1973 Major: Secondary Education Major Professor: Dr. Lanny J. Nalder

Murray, Stephen K. Roosevelt, Utah BA: University of Utah, 1977 Major: Secondary Education Major Professor: Dr. Varnell A. Bench Neal, Dianna Reynolds Logan, Utah BA: University of Northern Iowa, 1972 Major: Elementary Education Major Professor: Professor Evelyn L. Wiggins

Nielsen, Boyd W.

Burlingame, California BS: Utah State University, 1978 Major: Instructional Technology Major Professor: Dr. J. Nicholls Eastmond, Jr.

Nielson, Rickie Charles Cedar City, Utah BS: Southern Utah State College, 1978 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Noble, Jean C. Whiterocks, Utah BS: Weber State College, 1968 Major: Elementary Education Major Professor: Dr. Donald R. Daugs

Noble, Sheri N. Hyrum, Utah BS: Utah State University, 1970 Major: Elementary Education Major Professor: Dr. Dorothy Jean Pugmire

Nuttall, David A. Ogden, Utah BS: Brigham Young University, 1971 Major: Secondary Education Major Professor: Dr. Izar A. Martinez

Olsen, Paula K.

Logan, Utah BS: Utah State University, 1971 Major: Elementary Education Major Professor: Dr. Jay A. Monson

Olson, Deanna Dawn River Forest, Illinois BS: Northern Illinois University, 1971 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Orchard, Susan Allen St. George, Utah BA: Southern Utah State College, 1979 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Pappas, James Chicago, Illinois BS: Grand Canyon College, 1979 Major: Secondary Education Major Professor: Dr. Robert E. Sorenson

Payne, Dixie Ann Brigham City, Utah BS: Utah State University, 1969 Major: Elementary Education Major Professor: Professor Evelyn L. Wiggins

Penney, Carol Cogo Kanab, Utah BA: Brigham Young University, 1965 Major: Secondary Education Major Professor: Dr. Terrance E, Hatch

Pesout, Gaye Ogden, Utah BS: Southeast Missouri State, 1968 Major: Elementary Education Major Professor: Professor Evelyn L. Wiggins

Pickett, John Matthew

Idaho Falls, Idaho BS: Brigham Young University, 1965 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Potter, Nancy Irene Shelley, Idaho BA: Brigham Young University, 1968 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Rawlinson, Coralie O. Delta, Utah BA: Southern Utah State College, 1978 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Rice, Michael Kennett Clinton, Utah BS: Weber State College, 1977 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Riggs, Cleo C. Grantsville, Utah BS: Southern Utah State College, 1969 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Robertson, Gloria Jean Richfield, Utah BS: Brigham Young University, 1965 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Ross, Gary Philip Bangor, Maine BS: University of Southern Maine, 1975 Major: Instructional Technology Major Professor: Dr. Don C. Smellie

Rouse, Marcia J. Ogden, Utah BA: Weber State College, 1978 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Safi Samghabadi, Behnaz Ogden, Utah BS: Weber State College, 1980 Major: Secondary Education Major Professor: Dr. Ross R. Allen

Schwartz, Colleen Marie Lima, Ohio BS: Bowling Green State University, 1975 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Shykula, Paul Louis Windsor, Connecticut BS: University of Connecticut, 1978 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Skousen, Janice Colt Logan, Utah BS: Brigham Young University/Hawaii, 1972 Major: Elementary Education Major Professor: Dr. Eldon M. Drake

Slack, Beatrice Jean Washington, Utah BS: Wisconsin State Teachers College, 1948 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson Smedley, Marilyn Morgan, Utah BS: Brigham Young University, 1978 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Smellie, David Ashley Denver, Colorado BS: Brigham Young University, 1975 Major: Instructional Technology Major Professor: Dr. Don C. Smellie

Soderborg, Mark Romney Salt Lake City, Utah BA: Brigham Young University, 1977 Major: Instructional Technology Major Professor: Professor Duane E. Hedin

Sorensen, Betty F. Orderville, Utah BS: Brigham Young University, 1949 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Sorenson, Garnet Mangus Tooele, Utah BS: University of Utah, 1973 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Staheli, Mary Esther Washington, Utah BS: University of Utah, 1960 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Stringham, Nancy Lynn Cedar City, Utah BS: Utah State University, 1974 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Stucki, Sharon Carter Brigham City, Utah BS: Weber State College, 1971 Major: Elementary Education Major Professor: Dr. Donald R. Daugs

Summers, David Ray Nephi, Utah BA: Utah State University, 1976 Major: Special Education Major Professor: Dr. Phyllis R. Publicover

Taylor, Elton L. Salina, Utah BS: Southern Utah State College, 1973 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Taylor, Ronald Garth Provo, Utah BA: Southern Utah State College, 1976 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Thomas, Lois Doran St. George, Utah BA: Southern Utah State College, 1976 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Thomas, Robert Briggs Sandy, Utah BS: Weber State College, 1972 Major: Secondary Education Major Professor: Dr. William A. Stull Tingey, Alma Willis Storrs, Connecticut BS: Utah State University, 1966 Major: Instructional Technology Major Professor. Dr. Don C. Smellie

Urie, Adele Cedar City, Utah BA: Southern Utah State College, 1978 Major: Elementary Education Major Professor: Dr. L. Gail Johnson

Vanderford, Deanne Gardner Dallas, Texas BFA: Utah State University, 1964 Major: Secondary Education Major Professor: Professor Irving Wassermann

Wardle, Jay Var Roosevelt, Utah

BS: Utah State University, 1971 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Welch, Terry Montpelier, Idaho BS: Weber State College, 1966 Major: Instructional Technology Major Professor: Dr. J. Steven Soulier

Wenzel, Marilyn Cole St. Louis, Missouri BA: Lake Forest College, 1961 Major: Secondary Education Major Professor: Dr. Kenneth C. Farrer

Wheaton, William Frank

Ogden, Utah BS: University of St. Thomas, 1974 Major: Secondary Education Major Professor: Dr. William J. Strong

Whittaker, Heber Dee Washington, Utah BS: Southern Utah State College, 1970 Major: Secondary Education Major Professor: Dr. Terrance E. Hatch

Wiberg, Beverly Venable Roy, Utah BS: Weber State College, 1970 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Williams, Sherry Ann Florissant, Colorado BS: Colorado State University, 1978 Major: Secondary Education Major Professor: Dr. Lincoln H. McClellan

Willingham, John Robert, Jr. Cape Girardeau, Missouri MLS: North Texas State University, 1972 Major: Instructional Technology Major Professor: Dr. Rulon Kent Wood

Wilson, Dareth Ogden, Utah BS: Weber State College, 1973 Major: Elementary Education Major Professor: Dr. Arthur D. Jackson

Wilson, Jennifer Jane Layton, Utah BA: University of Wyoming, 1970 Major: Elementary Education Major Professor: Dr. Dorothy Jean Pugmire Wolf, Lea Amy Bismarck, North Dakota BS: Mary College, 1973 Major: Special Education Major Professor: Dr. Hyrum S. Henderson

Youssef, Judith Marjorie

Worcester, Massachusetts BS: Worcester State Teacher's College, 1962 Major: Elementary Education Major Professor: Dr. Bryce E. Adkins

Master of Engineering

Chiao, Hsueh-Ming Steve Taipei, Taiwan, ROC BS: Tamkang College, 1974 Major: Mechanical Engineering Major Professor: Dr. Carl D. Spear

Chu, Kam-Lung

Hong Kong BS: Utah State University, 1978 Major: Mechanical Engineering Major Professor: Dr. Ralph H. Haycock

Doong, Jen Yuan (Johnny) Taoyuan, Taiwan, ROC BE: Tamkang College, 1974 Major: Mechanical Engineering Major Professor: Dr. Carl D. Spear

Hu, Thomas Sheng-Shyong Taipei, Taiwan, ROC BS: Tamkang College, 1974 Major: Mechanical Engineering Major Professor: Dr. Owen K. Shupe

Lu, Nan-Shiang

Tainan, Taiwan, ROC BE: Tamkang College, 1974 Major: Mechanical Engineering Major Professor: Professor W. Karl Somers

Paxman, Wesley Raeburn Cedar City, Utah BA: Southern Utah State College, 1974 Major: Electrical Engineering Major Professor: Dr. Ron D. Harris

Pucel, Philip G.

Joliet, Illinois BS: Knox College, 1974 Major: Civil and Environmental Engineering Major Professor: Dr. Calvin G. Clyde

Seto, Hiroshi Odawara, Kanagawa, Japan BS: The University of Electro-Communications, 1969 Major: Electrical Engineering Major Professor: Dr. William L. Jones

Master of Fine Arts

Allen, Roma Poole Logan, Utah BS: Utah State University, 1945 Major: Art Major Professor: Professor Adrian Van Suchtelen Thesis: A Search for Distinctive Color Moods

Bunn, Thomas Clifford Ogden, Utah BS: Weber State College, 1977 Major: Art Major Professor: Professor Ralph T. Clark Thesis: Archtypes Fogo, Ronda Robbins Tucson, Arizona BS: Indiana University, 1966 Major: Art Major Professor: Professor Tetsuo Kusama Thesis: An Expression with Paper

Fox, Patricia Michele Las Vegas, Nevada BFA: University of Nevada, Las Vegas, 1973 Major: Art Major Professor: Professor Tetsuo Kusama Thesis: The Printed Tapestry

Haramoto, Julie Emiko Honeyville, Utah BA: Utah State University, 1966 Major: Art Major Professor: Professor Larry E. Elsner Thesis: A Harmony of Opposites in Sculptural Form

Needham, Sylvan Eugene, III Logan, Utah BA: Utah State University, 1967 Major: Art Major Professor: Professor Harrison T. Groutage Thesis: Chosen People

Olsen, Susan Leigh Los Alamos, New Mexico BFA: Utah State University, 1978 Major: Art Major Professor: Professor Glen L. Edwards Thesis: Wildlife as a Means of Expression

Sievers, Gregory B. Idaho Falls, Idaho BFA: Brigham Young University, 1978 Major: Art Major Professor: Professor Harrison T. Groutage Thesis: A Contemporary View of American History 1800-1900, Through Still Life Paintings

Smith, Afton Bryson Bountiful, Utah BS: Brigham Young University, 1946 Major: Art Major Professor: Professor Adrian Van Suchtelen Thesis: The Human Figure in Family Relationships

Strawn, Olivia Ann Boise, Idaho BS: Boise State University, 1972 Major: Art Major Professor: Professor Tetsuo Kusama Thesis: Weaving Processes Combining Fiber and Metal

Master of Forestry

Pankey, Jan Marylee Alamogordo, New Mexico BA: Baylor University, 1975 Major: Forest Management Major Professor: Dr. George E. Hart

Master of Industrial Education

Abraham, Leonard McCall St. George, Utah BA: Southern Utah State College, 1972 Major: Industrial Education Major Professor: Dr. Carl R. Wallis Nelson, John K. Logan, Utah BS: Utah State University, 1979 Major: Industrial Education Major Professor: Dr. Carl R. Wallis

Ohlwiler, Steven John Riverton, Utah BA: California State University, 1971 Major: Industrial Education Major Professor: Dr. Jay C. Hicken

Master of Landscape Architecture

Marshall, Robert Lyle Reynoldsville, Pennsylvania BFA: Utah State University, 1971 Major: Landscape Architecture and Environmental Planning Major Professor: Professor Gerald L. Smith Thesis: Landscape Architecture History: A Critical Review of its Curriculum and Teaching Methodology

McPherson, Edward Gregory Howell, Michigan

BGS: University of Michigan, 1975 Major: Landscape Architecture and Environmental Planning Major Professor: Professor Craig W. Johnson Thesis: The Use of Plant Materials for Solar Control

Oseycuk, Joni

Golden, British Columbia, Canada BS: University of British Columbia, 1972 Major: Landscape Architecture and Environmental Planning Major Professor: Professor Carlisle M. Becker Thesis: Landscape Architecture Recommendations for Users of the Development Guidelines Adopted for Use Along Highway 89 Between Logan and Smithfield, Utah

Stevens, Patricia Jane Cincinnati, Ohio BA: University of Cincinnati, 1975 Major: Landscape Architecture and Environmental Planning Major Professor: Professor Richard E. Toth Thesis: Spatial Structure

Ward, Wade Weston, Sr. Wheatland, Wyoming BS: University of Wyoming, 1971 Major: Landscape Architecture and Environmental Planning Major Professor: Professor Craig W. Johnson Thesis: A Parks and Recreation Plan for Wheatland, Wyoming

Master of Science

Abrams, Louise Wendy Darlington Co., Durham, England BS: University of Lancaster, 1977 Major: Special Education Major Professor: Dr. Hyrum S. Henderson Thesis: Development and Formative Evaluation of Supplementary Reading Materials for Use With the Reading Mastery Program

Adams, Kenneth Geary

Morgan, Utah BS: Weber State College, 1976 Major: Special Education Major Professor: Dr. Phyllis Publicover Thesis: A Descriptive Study of Parental Marital Status and the Occurrence of Learning Disabilities and Emotional Handicaps in their Children

Aldajani, Saad A.

Taif, Saudi Arabia BS: Riyadh University, 1975 Major: Economics Major Professor: Dr. Basudeb Biswas Thesis: Non-thesis

Al-Kanhal, Mohamad Ahmad Riyadh, Saudi Arabia BS: University of Riyadh, 1974 Major: Nutrition and Food Sciences Major Professor: Dr. V. T. Mendenhall Thesis: Accumulation of Formaldehyde and its Relation to Postmortem Aging on Non-gadoid Fish Species

Al-Otaiby, Sirhan Dobail

Taif, Saudi Arabia BC: Riyadh University, 1977 Major: Political Science Major Professor: Dr. William L. Furlong Thesis: The Rise and Impact of Baathist Ideology on Iraqi Politics From 1963 to 1973

Al-Shogeir, Hamad Ibrahim

Riyadh, Saudi Arabia BAg: University of Riyadh, 1974 Major: Plant Science Major Professor: Dr. Alvin R. Hamson Thesis: The Agriculture of Saudi Arabia, With Emphasis on Tomato Pests

Amoudi, Mikky Abdulla

Abi-Areish, Saudi Arabia BS: Riyadh University, 1967 Major: Biology Major Professor: Dr. Nabil N. Youssef Thesis: Evaluation of Three Insect Chemosterilants (Hempa, Thiotepa, and 2,5 Dichloro-2,4 Dinitro Benzenesulfonanilide) For Their Potential as Anti-Coccidial Agents in Mice and Chickens

Anderson, David A. Clarkston, Utah BS: University of Utah, 1971 Major: Plant Science Major Professor: Dr. William F. Campbell Thesis: The Interactions of Electrical Conductivity, Sodium Absorption Ratio, Water Volume and Rhizobial strain on Phaseolus vulgaris L.

Anderson, Robert James

Prescott, Arizona BS: Utah State University, 1972 Major: Forest Science Major Professor: Dr. Richard H. Hawkins Thesis: Relationship Between Rainfall and Storm Runoff for Selected Arizona Watersheds

Annear, Thomas C. Coon Rapids, Iowa BS: Iowa State University, 1975 Major: Wildlife Science Major Professor: Dr. John M. Neuhold Thesis: A Characterization of Yampa and Green River Ecosystems Attumi, Assed Abdallah Suk El-Giuma Tripoli, Libya BS: Tripoli University, 1971 Major: Toxicology Major Professor: Dr. Joseph C. Street Thesis: Influence of Lipophilicity on the Accumulation and Distribution of Halogenated Phenols and a Pyridinol as Metabolites of Pesticides in Rats

Aubry, Kevin Edward

Fort Lauderdale, Florida BS: Clemson University, 1975 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: A Liquefaction Susceptibility Map for Southern Davis County, Utah

Bailey, DeeVon Logan, Utah BA: Utah State University, 1979 Major: Agricultural Economics Major Professor: Dr. Herbert H. Fullerton Thesis: Economic Impacts of Public Grazing Reductions in the Livestock Industry With Emphasis on Utah

Ball, Kirsten Turner Morgan, Utah BA: Weber State College, 1976 Major: Sociology Major Professor: Dr. Yun Kim Thesis: Changes in the Aged Population and Estimates of Supportive Social Service Needs for the Aged Population in Utah, 1980-2010

Barngrover, Mary Elizabeth

Fort Wayne, Indiana BS: Indiana University, 1976 Major: Sociology Major Professor: Dr. Bradley W. Parlin Thesis: Immigrants and Employment: Citizenship Exclusionary Policies in the American Labor Market

Beggs, Robert Alexander

Pasadena, California BS: University of California at Davis, 1977 Major: Engineering Major Professor: Dr. Wynn R. Walker Thesis: A Portable Field Sprinkling Infiltrometer

Bench, Bryant Lynn Fairview, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. E.J. Middlebrooks Thesis: Evaluation of Wastewater Filtration

Berger, Joyce Francine *Tucson, Arizona* BS: Colorado State University, 1971 Major: Outdoor Recreation Major Professor: Dr. James J. Kennedy Thesis: An Evaluation of Management by Objectives on a Ranger District in Northern California

Bischoff, Grant Rhead St. Anthony, Idaho BBA: Idaho State University, 1970 Major: Business Education Major Professor: Dr. William A. Stull Thesis: Objectives for Ninth Grade General Business Classes in Rexburg, Idaho, as Viewed by Parents and the Instructor

Bracken, William M. Kansas City, Missouri BS: University of Missouri at Kansas City, 1974 Major: Toxicology Major Professor: Dr. Raghubir P. Sharma Thesis: Inhibition of Synaptosomal Biogenic Amine Transport by a Diverse Group of Neurotoxic Chemicals

Brazzi, Gayle Ann

Soledad, California BS: California Polytechnic State University, 1975 Major: Nutrition and Food Sciences Major Professor: Professor Barbara M. Prater Thesis: Examination of the Effect of Physical Exercise on Metabolic Control in Type I Insulin-Dependent Youth with Diabetes Mellitus

Brinkerhoff, Craig Reese

St. George, Utah BS: Utah State University, 1978 Major: Toxicology Major Professor: Dr. Raghubir P. Sharma Thesis: The Effects of Tri-O-Tolyl Phosphate (TOTP) on the Immune System of Mice

Browning, Diane Ogden, Utah BS: Utah State University, 1977 Major: Animal Science Major Professor: Dr. John E. Butcher Thesis: Effects of Recommended Versus Restricted Dietary Phosphorus as Measured by Growth and Reproductive Development in Hereford Heifer Calves

Butler, John R.

Chesapeake, Virginia BS: Virginia Polytechnic Institute and State University, 1978 Major: Outdoor Recreation Major Professor: Dr. Richard Schreyer Thesis: Lifestyle as a Determinant of Participation Among Dispersed Forest Recreationists

Buttars, Randle L.

Logan, Utah BS: Utah State University, 1977 Major: Engineering Major Professor: Dr. Robert W. Hill Thesis: A Phenologic Irrigation Model to Predict Corn Yield

Capps, Terri Lynn

Orlando, Florida BS: University of Florida, 1977 Major: Range Science Major Professor: Dr. John P. Workman Thesis: Optimum Cattle Management Strategies and Range Improvement Practices for Two Representative Sizes of Utah Cattle Ranches

Cardon, Kathleen McDonald

Logan, Utah BS: Brigham Young University, 1961 Major: Nutrition and Food Sciences Major Professor: Dr. Arthur W. Mahoney Thesis: Effect of Atmospheric Oxidation on Bioavailability of Meat Iron and Liver Weights in Rats

Cashmore, Janice H. Ogden, Utah BS: University of Utah, 1953 Major: Secondary Education Major Professor: Dr. William J. Strong Thesis: The Effectiveness of Precision Teaching Strategies for Teaching Basic Skills in Language Arts

Chard, Elden Douglas Morgan, Utah BS: Weber State College, 1971 Major: Agricultural Economics Major Professor: Dr. Lynn H. Davis Thesis: An Economic Analysis of the Akkar Plain Project

Christensen, Nedra Kjesten Murray, Utah BS: University of Utah, 1975 Major: Nutrition and Food Sciences Major Professor: Dr. Bonita W. Wyse Thesis: Pantothenic Acid Status in an Elderly

Chuang, Dawson Taipei, Taiwan, ROC BS: Cheng-Kung University, 1972 Major: Chemistry Major Professors: Dr. Edward A. McCullough, Dr. William M. Moore Thesis: A Mechanistic Investigation of Negative Surface Ionization of Halocarbons on Metal Surfaces

Cissell, Jeffery Alan Rochester, New York

Population

Major: Engineering Major Professor: Dr. V. Dean Adams Thesis: The Water Requirements and Pollutant Potential in the Gasification of Carbonaceous Shales

Clark, Carl Hugh

Orem, Utah BS: Utah State University, 1980 Major: Communicative Disorders Major Professor: Dr. Thomas C. Clark Thesis: Neonatal Identification Screening for Hearing Impairment: A Comparison of the Utah Maternal Questionnaire and Birth Certificate

Claus, Eric Matthew

Chatsworth, California BS: Loyola Marymount University, 1978 Major: Engineering Major Professor: Dr. E. J. Middlebrooks Thesis: Treatment of Utah State University Dairy Wastewaters by Lagoon Intermittent Sand Filtration

Combs, Diana Sue Pueblo, Colorado BS: Utah State University, 1978 Major: Communicative Disorders Major Professor: Dr. Thomas C. Clark Thesis: Auditory Discrimination as it Relates to Reading Difficulties in Hearing Impaired Children

Conrad, James R. Eskdale, Utah BS: Utah State University, 1976 Major: Physics Major Professor: Dr. Robert W. Schunk Thesis: A Study of Transport Processes in the Terrestrial Ionosphere and Atmosphere

Cookson, Nancy Lynn Bountiful, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. Roland W. Jeppson Thesis: Numerical Solution of the Hydrology of a Watershed

Coolidge, Philip Sherwood Milton, Massachusetts BA: Harvard University, 1970 Major: Engineering Major Professor: Dr. A. Alvin Bishop Thesis: Advance Rate Under an Automated Pulsed Flow Irrigation System

Craven, Mary Louise Broadbent

Layton, Utah BS: Utah State University, 1970 Major: Home Economics and Consumer Education Major Professor: Professor Marie N. Krueger Thesis: Non-thesis

Crookston, Mark Alan

Salt Lake City, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. Richard E. Griffin Thesis: Energy Conservation Through Irrigation Efficiency for the Flowell Electric Association

Dave, Rajesh Narottamdas

Ahmedabad, Gujarat, India BS: I.I.T., Bombay, 1978 Major: Engineering Major Professor: Dr. Warren F. Phillips Thesis: Effect of Storage Tank Temperature Stratification on the Performance of Liquid-based Solar Heating Systems

Decker, Nancy Jean Norwalk, Ohio BS: Ohio University, 1977 Major: Communicative Disorders Major Professor: Dr. Richard D. Taylor Thesis: The Effects of Aerobic Exercise on Recovery From Noise-induced Auditory Fatigue

Demke, Kent Ray

Austin, Texas BS: Utah State University, 1974 Major: Engineering Major Professor: Dr. Ronald L. Thurgood Thesis: Optimal Hardware Modelling of LSI Circuits Using Standard Logic Modules

Dineen, Gerald Charles

Newton, Wisconsin BS: University of Wisconsin, Stevens Point, 1971 Major: Family and Human Development Major Professor: Dr. Larry C. Jensen Thesis: Perceived Problems in First and Second Marriages

Donohue, Coy Leon

Shasta, California BS: San Jose State University, 1962 Major: Health, Physical Education and Recreation Major Professor: Dr. Lanny J. Nalder Thesis: A Comparison of the Effect of Exercise Upon Body Composition While Losing Weight Through Dieting and Exercise

Ekpe, Ekpeni

Adim, Cross River, Nigeria BS: Utah State University, 1980 Major: Agricultural Education Major Professor: Dr. Gilbert A. Long Thesis: Some Effects of Crossbreeding on Reproduction and Production Performance of Meat-type Goats and Their Use in Production Programs in Nigeria

Ellis, Stanley James Kemmerer, Wyoming BS: Utah State University, 1980 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Liquefaction Susceptibility of Northern Davis County, Utah

Fan, Paul Hwaleun Shan-Tung, China, ROC BS: National Taiwan University, 1978 Major: Nutrition and Food Sciences Major Professor: Dr. Daren P. Cornforth Thesis: Bovine Muscle Cathepsin D: Purification and Proteolytic Activity on Muscle Proteins

Fasken, Scott David

Thousand Oaks, California BS: Colorado State University, 1973 Major: Outdoor Recreation Major Professor: Dr. Kenton B. Downing Thesis: The Use and Limits of Time-lapse Photography in Recreation

Ferry, Suzanne Call

Corinne, Utah BS: Utah State University, 1978 Major: Home Economics and Consumer Education Major Professor: Professor Marie N. Krueger Thesis: Non-thesis

Fitch, Steven Alan

Marcellus, New York BS: Utah State University, 1978 Major: Family and Human Development Major Professor: Dr. Gerald R. Adams Thesis: A Test of the Predictive Relationship Between Ego Identity and Intimacy Development

Funk, Carol Noble

Richmond, Utah BS: Utah State University, 1951 Major: History Major Professor: Dr. Michael L. Nicholls Thesis: The Emergence of an Afro-American Society in Colonial Amelia County, Virginia

Geilman, Wayne Gilbert Ogden, Utah BS: Utah State University, 1977 Major: Nutrition and Food Sciences Major Professor: Dr. C. A. Ernstrom Thesis: Comparison of Skim Milk Starter, Whey Base Starter and a Direct Set Method on the Yield, Quality and Economics of Cottage Cheese Production

Gould, Brian L. Ogden, Utah BS: Weber State College, 1978 Major Professor: Dr. Neal Langerman Thesis: The Thermodynamics of Iron Binding by Ferrioxamine B

Hagen, Kirk Dee

Ogden, Utah BS: Weber State College, 1977 Major: Engineering Major Professor: Dr. Edward W. Vendell, Jr. Thesis: Thermal Performance of a Cache Valley Residence Having a Groundwater Heat Pump

Haller, Robert Frederick

Aptos, California BA: California State University at Fresno, 1965 Major: Business Education Major Professor: Dr. William A. Stull Thesis: Qualifications of California Secondary Distributive Educators and State Certification Requirements, 1974-1975

Hammond, JoAnn

Idaho Falls, Idaho BS: Utah State University, 1979 Major: Communicative Disorders Major Professor: Dr. Thomas S. Johnson Thesis: A Precision Approach to Evaluation and Therapy in Voice

Hampson, David Richard

Rochester, New York BS: State University of New York, 1977 Major: Toxicology Major Professor: Dr. Joseph C. Street Thesis: Leptophos Metabolism in the Rat: An in vivo Study of Oxidative Versus Conjugative Modes of Metabolism Hansen, Penny Smithfield, Utah BS: Utah State University, 1974 Major: Special Education Major Professor: Dr. Hyrum S. Henderson Thesis: Establishing an Awareness of the Need for Developing a Positive Working Relationship Between Regular and Special Education Teachers As They Work to Implement Individualized Education Programs

Harker, Douglas V. Medicine Hat, Alberta, Canada BS: Utah State University, 1966 Major: Sociology Major Professor: Dr. William A. DeHart Thesis: A Study of the Emeriti Professor at Utah State University

Harmon, Randelle Willcox

Salt Lake City, Utah BS: Utah State University, 1974 Major: Communicative Disorders Major Professor: Dr. Jay R. Jensen Thesis: Developmental Apraxia: A Review of the Literature

Hart, Diane

Palo Alto, California BS: Brigham Young University, 1977 Major: Home Economics and Consumer Education Major Professor: Dr. Carol A. Bocan Thesis: Utah Employer Attitudes Towards Sponsoring Day Care for Employees

Hejazi, Nooraddin

Abadan, Iran BS: University of Idaho, 1977 Major: Communications Major Professor: Dr. Burrell F. Hansen Thesis: Iranians' Perceptions of American Life Styles Created By American Mass Media

Hennes, Scott Christopher

Sacramento, California BS: University of California at Davis, 1976 Major: Toxicology Major Professor: Dr. Joseph C. Street Thesis: A Computer Simulation Study of Blood Cholinesterase Inhibition in Parathion Treated Rats

Hier, Georgia Hayes

Sedalia, Colorado BS: Utah State University, 1979 Major: Home Economics and Consumer Education Major Professor: Professor Jane L. McCullough Thesis: Transportation Time in Utah Twoparent/Two-child Families

Hirsch, Larry Allen

South San Francisco, California BS: Utah State University, 1975 Major: Engineering Major Professor: Dr. E. J. Middlebrooks Thesis: Control of Water Pollution From Dairy Farms

Hoekstra, Belinda Anne

Marion, North Dakota BS: Moorhead State University, 1979 Major: Communicative Disorders Major Professor: Dr. Thomas S. Johnson Thesis: Success and Failure of Esophageal Speech Development

Hoerger, Carl R. B.

Midland, Michigan BS: Michigan Technological University, 1978 Major: Engineering Major Professor: Dr. Warren F. Phillips Thesis: Rock Bed Temperature Stratification: A Comparison of Experimental and Theoretical Results Holman, Steven R. Salem, Oregon BS: Western Washington State College, 1976 Major: Range Ecology Major Professor: Dr. Martyn M. Caldwell Thesis: Effect of Mild Water Stress and Enhanced Ultraviolet-B Irradiation on Leaf Growth of Rumex obtusifolius L. and Rumex patientia L. (Polygonaceae)

Howard, Vikki Faith

Granger, Utah BS: University of Idaho, 1979 Major: Special Education Major Professor: Dr. K. Richard Young Thesis: The Effects of Self-management Procedures on the Maintenance and Generalization of Instructional Skills for Mothers of Developmentally Delayed Infants

Howell, Jon Clair

Logan, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Risk Analysis of Earth Dams

Huang, Sen-fu

Miaoli, Taiwan, ROC BS: National Taiwan University, 1975 Major: Engineering Major Professor: Dr. Carl D. Spear Thesis: Machining Economics Based On Metal Cutting Parameters and Burr Removal

Hudy, Mark

Wilmington, Delaware BS: Virginia Polytechnic Institute, 1978 Major: Wildlife Science Major Professor: Dr. Charles R. Berry Thesis: Evaluation of Six Strains of Rainbow Trout (Salmo gairdneri) Stocked as Fingerlings in Porcupine Reservoir, Utah

Hultberg, Kathy Jean

Upland, California BS: University of California, 1978 Major: Communicative Disorders Major Professor: Professor L. Jaclyn Littledike Thesis: Changes in Nasalance Associated with Tonsillectomy and Adnoidectomy

Hunsaker, Chad Hirschi

Honeyville, Utah BS: Utah State University, 1977 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Finite Element Analysis of Passive Earth Pressures

Hunte, Cyril Kenrick

Georgetown, Guyana, South America BS: Utah State University, 1979 Major: Agricultural Economics Major Professor: Dr. Roice H. Anderson Thesis: An Analysis of the Production and Marketing of Pineapples from the Soesdyke/Linden Land Development Project in Guyana

Inoue, Kazuharu Fukui-ken, Japan BA: Hokkaido University, 1975 Major: Engineering Major Professor: Dr. Lyman S. Willardson Thesis: Distribution Efficiencies in Furrow Irrigation for Pulsed Flow Israelsen, Ronald E. Logan, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. J. Clair Batty Thesis: Greenhouse Heating with Warm Geothermal Brines

Jacobson, Kib Elden

Randolph, Utah BS: Utah State University, 1978 Major: Agricultural Economics Major Professor: Dr. E. Bruce Godfrey Thesis: The Economic Impact of Potential Changes in Federal Grazing Policies on Ranchers in Wayne County, Utah

Jensen, Darrell Louis Heber City, Utah BS: Brigham Young University, 1979 Major: Communicative Disorders Major Professor: Dr. Thomas S. Johnson Thesis: A Comparison of Clinical Progress of Children Receiving Normal Interaction with Parents as Compared to Children Receiving an Increased Interactive Focus from Parents

Johnson, Judith Irene

Providence, Utah BA: San Jose State University, 1967 Major: Special Education Major Professor: Dr. Hyrum S. Henderson Thesis: An Experimental Adaptation of The Houghton Mifflin Readers (1971 Edition)

Johnson, Kathleen Susan *Tucson, Arizona* BS: University of Arizona, 1972 Major: Nutrition and Food Sciences Major Professor: Dr. Deloy G. Hendricks Thesis: Vitamin A and Vitamin E Status of Persons on Hemodialysis

Johnson, Patricia Ann

tile

Santa Barbara, California BA: University of California at Santa Barbara, 1977 Major: Communicative Disorders Major Professor: Dr. Jay R. Jensen Thesis: A Comparison of Language Samples Collected Under Four Conditions

Jou, How Coung Logan, Utah BS: National Cheng Kung University, 1976 Major: Applied Statistics Major Professor: Dr. Ronald V. Canfield Thesis: A Confidence Interval Estimate of Percen-

Khalil, Ali Mohammed Mosul, Nenawa, Iraq BA: Mosul University, 1974 Major: Economics Major Professor: Dr. Alexander C. Wiseman Thesis: Non-thesis

Knudson, Darrell Lee Ogden, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. J. Clair Batty Thesis: Experimental Analysis of a Horizontal Thermal Rock Storage and Evaporative Cooling Device

Kwei, Cheng-Pen Taipei, Taiwan, ROC BE: Chun-Yuan University, 1977 Major: Engineering Major Professor: Dr. Vance T. Christiansen Thesis: Practical Slab Design by Yield-line Method Lam, Simon Chiu Hong Kong BS: University of Guelph, 1979 Major: Engineering Major Professor: Dr. Trevor C. Hughes Thesis: Design Standards for Recreation Development Domestic Water Systems

Laughlin, Kathleen Caroline Oregon City, Oregon BS: Oregon State University, 1978 Major: Communicative Disorders Major Professor: Dr. James C. Blair Thesis: The Effects of Changing a Standardized Sound Field Environment on Sound Pressure Levels and Auditory Threshold Levels

Lee, Richard Dalton Paradise, Utah BS: Utah State University, 1978 Major: Plant Science Major Professor: Dr. John O. Evans Thesis: The Influence of Selected Herbicides on the Development of *Rhinocyllus Conicus* Froelich, an Insect Used in Biocontrol of Musk Thistle

Li, Shu-Chen Taipei, Taiwan, ROC BS: Tunghai University, 1978 Major: Mathematics Major Professor: Dr. Chris S. Coray Thesis: Plan B

Lin, Shih-Jang Taipei, Taiwan, ROC BS: Cheng-Kung University, 1977 Major: Engineering Major Professor: Dr. J. Paul Tullis Thesis: A Computer Study of Air Release During Transient Flow

Lindholm, Michael Carl Golden Valley, Minnesota BS: Utah State University, 1979 Major: Sociology Major Professor: Dr. Michael B. Toney Thesis: Long-term Residents' Perception of the Effect Newcomers Are Having on Nonmetropolitan Utah Communities

Liu, Win-Kai Taipei, Taiwan, ROC BS: Tamkang College, 1974 Major: Engineering Major Professor: Dr. Calvin G. Clyde Thesis: A Resource Survey of Hydroelectric Power Potential in Small Mountain Streams in Utah

Luke, Charles Franklin Midway, Utah BS: Weber State College, 1977 Major: Toxicology Major Professor: Dr. Joseph C. Street Thesis: Effect of Toxaphene on Collagen Synthesis in Fish Tissue: Organ Culture Studies and Prolyl Hydroxylase Activity Assay

Lunt, Judith Lee

Cedar City, Utah BS: Utah State University, 1962 Major: Industrial and Technical Education Major Professor: Dr. Carl R. Wallis Thesis: Listening Skills: Attitudes of Employers and Listening Course Analysis with Industrial Technical Students

Madany, Michael Henry South Holland, Illinois BS: University of Illinois, 1978 Major: Range Ecology Major Professor: Dr. Neil E. West Thesis: Land Use-Fire Regime Interactions With Vegetation Structure of Several Montane Forest Areas of Zion National Park Madison, Valerie J.

Echo, Oregon BS: Oregon State University, 1975 Major: Animal Science Major Professor: Dr. Warren C. Foote Thesis: Embryo Transfer in Sheep: The Influence of Exogenous Hormones

Mahmood, Ramzi Jamil

Baghdad, Iraq BS: University of Baghdad, 1976 Major: Engineering Major Professor: Dr. Dennis B. George Thesis: The Development of a Water Quality Environmental Index for High Mountain Watershed Streams

Malespin, Melanie G. Carson City, Nevada BS: Utah State University, 1976 Major: Wildlife Science Major Professor: Dr. Gar W. Workman Thesis: A Baseline Study of the Rodents of Antelope Island

Marker, James C. Ogden, Utah BS: Weber State College, 1979 Major: Health, Physical Education and Recreation Major Professor: Dr. Lanny J. Nalder Thesis: A Comparison of Sidestroke Swimming Max VO₂ and Treadmill Running Max VO₂

Martineau, Robert Tyler Pasadena, California BA: Stanford University, 1975 Major: Engineering Major Professor: Dr. Roland W. Jeppson Thesis: Model of Flow Resulting From a Raindrop Impact on a Water Layer

McDonald, Susan Kenny Brigham City, Utah BS: Utah State University, 1973 Major: Biology Major Professor: Dr. John J. Skujins Thesis: Waste Oil Biodegradation and Changes in Microbial Populations in an Arid Soil

McLaughlin, Kathryn Reynolds Blacksburg, Virginia AB: Temple University, 1969 Major: Nutrition and Food Sciences Major Professor: Dr. Arthur W. Mahoney Thesis: Bioavailability of Calcium, Fluoride and Iron in Mechanically Deboned Beef Fed to Growing Rats

Merrill, Glacus Gregory Logan, Utah BS: Utah State University, 1972 Major: Communication Major Professor: Dr. Burrell F. Hansen Thesis: Media's Influence on Cache County, Utah: Undecided Electorates During the 1980 Elections

Miller, Dana L. Hyrum, Utah BS: Utah State University, 1977 Major: Psychology Major Professor: Dr. Elwin C. Nielsen Thesis: Dissociation, Association and Running Time

Mineer, Susan Salt Lake City, Utah BS: Utah State University, 1979 Major: Communicative Disorders Major Professor: Professor Carol J. Strong Thesis: The Selection, Training and Use of Supportive Personnel for Speech-Language Services in the Public School Setting Mobasher, Liaey-Mehran

Tehran, Iran Second BS: Utah State University, 1978 Major: Political Science Major Professor: Dr. Phillip S. Spoerry Thesis: Plan B

Moesser, Kevin Randy Hunter, Utah BS: Brigham Young University, 1977 Major: Family and Human Development Major Professor: Dr. Jay D. Schvaneveldt Thesis: Birth Order and its Effect on the Attainment of the Eagle Scout Status

Mohr, Alan Jeff Logan, Utah BS: Utah State University, 1977 Major: Soil Science and Biometeorology Major Professor: Dr. Inge Dirmhirn Thesis: Direct Solar Irradiance in the Rocky Mountains at 40° Latitude

Mueller, Wesley James

Sidney, Nebraska BS: Brigham Young University, 1977 Major: Plant Science Major Professor: Dr. Frank B. Salisbury Thesis: A Macroscopic Study of the Gravitropic Response of Plants

Mwangi, Zakayo Joseph Thika, Kenya, East Africa BS: Utah State University, 1975 Major: Agricultural Economics Major Professor: Dr. Herbert H. Fullerton Thesis: An Interregional Study of Kenya's Livestock Sector Using Linear Programming

Myers, Grover Eugene Haughton, Louisiana BS: Clemson University, 1969 Major: Political Science Major Professor: Dr. Robert A. Hoover Thesis: The American Strategic Crisis

Nammah, Hassan A. Baghdad, Iraq BS: Utah State University, 1977 Major: Plant Science Major Professor: Dr. David R. Walker Thesis: The Effect of Wilt-pruf Antitranspirant on Reducing Water Loss of Apple Trees

Ning, Yech-Kuang Taipei, Taiwan, ROC BS: Cheng Kung University, 1975 Major: Mathematics Major Professor: Dr. David S. Watkins Thesis: Determining Initial Values for Stiff Systems with Incomplete Initial Data

Nix, Kenneth J. Toole, Utah BS: Utah State University, 1976 Major: Animal Science Major Professor: Dr. Thomas D. Bunch Thesis: Comparison of Sister Chromatid Exchange Frequencies in Somatic Cells of the Tribe Caprine (Family Bovidae)

Nowak, Henry Peter Fort Lauderdale, Florida BS: Tulane University, 1977 Major: Biochemistry Major Professor: Dr. Neal R. Langerman Thesis: The Thermodynamics of Flavin Binding to RBP's From Hen Egg White and Egg Yolk

O'Dell, Keith Patrick

Brigham City, Utah BS: Utah State University, 1977 Major: Physics Major Professor: Dr. Ronney D. Harris Thesis: A Computer Study of Infrared Radiative Scattering

Ojaghian, Damir

Tabriz, Iran BS: National University of Tehran, 1973 Major: Engineering Major Professor: Dr. Vance T. Christiansen Thesis: Simply Supported Cylindrical Roof Shells, Analysis and Design by Stress Function Method "Satik" Computer Program

Orme, Jeffrey Scott

St. Anthony, Idaho BS: Utah State University, 1973 Major: Psychology Major Professor: Dr. Elwin C. Nielsen Thesis: A Proposed Method of Student Selection Using a Biographical Inventory as an Adjunctive Predictive Criterion

Ortiz, Sergio Raul

La Paz, Bolivia Licenciado En Economia: Universidad Catolica Bolivia, 1979 Major: Economics Major Professor: Dr. Herbert H. Fullerton Thesis: Plan B

Oweis, Theib Yousef

Dibeen, Jerash, Jordan BS: University of Aleppo, 1972 Major: Soil Science and Biometerology Major Professor: Dr. R. J. Hanks Thesis: Farm Irrigation Management for Jordan Valley Project

Pallesen, John Dale

Green River, Wyoming BS: University of Wyoming, 1976 Major: Range Science Major Professor: Dr. Philip J. Urness Thesis: Nutritive Value of Mule Deer and Elk Diets and Forages on Lodgepole Pine Summer Range in Utah

Palmer, Julie Mitchell

Chapel Hill, North Carolina BA: University of North Carolina, 1977 Major: Biology Major Professor: Dr. Michael A. Walsh Thesis: The Effects of Sucrose Concentration and Prolonged Darkness on Sieve-element Ontogeny in Experimentally Grown Lamna minor L.

Passavant, Charles W.

Salt Lake City, Utah BS: Utah State University, 1978 Major: Biochemistry Major Professor: Dr. Thomas F. Emery Thesis: The Transport and Intracellular Distribution of Iron in the Basidiomycete Ustilago sphaerogena

Payant, James M. Logan, Utah BA: University of Minnesota, 1970 Major: Psychology Major Professor: Dr. Sebastian Striefel Thesis: The Effectiveness of Electronic Games (Atari) as Reinforcers for Increasing Appropriate Behavior in Handicapped Children

Payne, John Frederick

Bel Air, Maryland BS: Utah State University, 1977 Major: Range Science Major Professor: Dr. Frank E. Busby Thesis: A Multi-site Evaluation of Pinyon-Juniper Chaining in Utah

Pearson, Jan

Midvale, Utah BS: University of Utah, 1976 Major: Nutrition and Food Sciences Major Professor: Dr. Bonita W. Wyse Thesis: Optimum Enzyme Treatment for Liberation and Assay of Pantothenic Acid

Peckins, Brian Keith

Fairfax, Virginia BS: Virginia Polytechnic Institute, 1979 Major: Engineering Major Professor: Dr. J. Paul Riley Thesis: The Potential of Water and Salt Yields From Overland Flow on Public Lands in the Price River Basin

Peters, Thomas

Peoria, Illinois BS: Utah State University, 1976 Major: Engineering Major Professor: Dr. V. Dean Adams Thesis: The Occurrence of Trihalomethane Compounds in Salt Lake City and Ogden, Utah, Drinking Water Supplies

Peterson, Larry M.

Salmon, Idaho BS: Utah State University, 1978 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Pullout Resistance of Welded Wire Mesh Embedded in Soil

Poulsen, LuAnn C.

Salt Lake City, Utah BS: University of Utah, 1967 Major: Business Education Major Professor: Dr. Lloyd W. Bartholome Thesis: On-the-job Tasks Performed by Salt Lake Skills Center-South, Utah Technical College, Clerical Completers

Puchy, Barbara J.

Lyndhurst, Ohio BA: Wittenberg University, 1975 Major: Geology Major Professor: Dr. Donald W. Fiesinger Thesis: Mineralogy and Petrology of Lava Flows (Tertiary-Quaternary) in Southeastern Idaho and at Black Mountain, Rich County, Utah

Pulver, Clayton Paul

Fielding, Utah BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. P. Thomas Blotter Thesis: Static and Dynamic Finite Element Study of Cantilever Cylindrical Pressure Vessels

Purnell, Margie Kay Bountiful, Utah BS: Brigham Young University, 1979 Major: Home Economics and Consumer Education Major Professor: Dr. Carol A. Bocan Thesis: A Comparison of Life Goals, Attitudes and Perceptions of Home Economics Majors at Utah State University and 1862 Colleges and Universities in the Southern Region Rasmussen, Craig E Logan, Utah BA: Utah State University, 1976 Major: Physics Major Professor: Dr. Lawrence R. Megill Thesis: Ozone Column Density Measurements at 27 Kilometers from a Super Pressure Balloon

Reese, Gary A.

Jefferson City, Missouri BS: Southern Illinois University, Carbondale, 1976 Major: Range Science Major Professor: Dr. Neil E. West Thesis: Diversity and Production of Herbacious Vegetation in a Northern Utah Subalpine Chronosequence

Rhodes-Jones, Carolyn Twin Falls, Idaho BS: Utah State University, 1975 Major: Political Science Major Professor: Dr. Robert A. Hoover Thesis: The Munich Analogy: Historical Memory and Foreign Policy Planning

Rich, Thomas B.

Fargo, North Dakota BS: University of North Dakota, 1977 Major: Geology Major Professor: Dr. Richard R. Alexander Thesis: Growth-form Analysis and Paleoecology of the Corals of the Late Ordovician Through Mid-Silurian Fish Haven and Laketown Formations, Bear River Range, North-Central Utah

Ridinger, David Neale

Murrysville, Pennsylvania BS: Indiana University of Pennsylvania, 1976 Major: Biology Major Professor: Dr. Rex S. Spendlove Thesis: Evaluation of a Sensitive Detection Procedure for Sewage-isolated Reovirus

Ritz, Bradley Giles Twin Falls, Idaho BS: Utah State University, 1976 Major: Economics Major Professor: Dr. W. Cris Lewis Thesis: The Effects of Zoning on Aggregate Land Values

Rodriguez, Robin R. Drysdale Chesterfield, Missouri BS: Utah State University, 1979 Major: Soil Science and Biometeorology Major Professor: Dr. R.J. Wagenet Thesis: Fertility and Saline Water Management Interactions on Plant Growth and Nitrogen Fixation in Phaseolus

Roggman, Lofi A. Logan, Utah BS: Utah State University, 1972 Major: Family and Human Development Major Professor: Dr. J. Craig Peery Thesis: Touch and Gaze in Parent-infant Social Play

Rupp, Gretchen L. *Cincinnati, Ohio* BA: Carleton College, 1976 Major: Engineering Major Professor: Dr. V. Dean Adams Thesis: Calcium Carbonate Precipitation As Influenced By Stream Primary Production Russell, Scott Lewis Ogden, Utah BS: Weber State College, 1978 Major: Geology Major Professor: Dr. Richard R. Alexander Thesis: Growth, Morphology, Habit and Habitat of Selected Brachiopod and Mollusc Species from the Meade Peak Member of the Phosphoria Formation, Permian

Ryser, Janice Logan, Utah BS: Brigham Young University, 1969 Major: Family and Human Development Major Professor: Dr. J. Craig Peery Thesis: The Effects of the Childbirth Process on the Attitudes and Behaviors of New Fathers

Sadeghian, Iradj

Espahan, Iran BS: University of Arizona, 1977 Major: Range Science Major Professor: Dr. Gerald F. Gifford Thesis: Condition and Development of Zarande-Saveh Range in Iran

Sakaguchi, Wesley O.

Idaho Falls, Idaho BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Development of the Procedures for a Closed Loop Electro-pneumatic Triaxial Shear Testing Apparatus

Salles, Diane Seager

Green River, Utah BS: Utah State University, 1978 Major: Communicative Disorders Major Professor: Professor L. Jaclyn Littledike Thesis: A Normative Study of Nasalance in Specific "Sublanguage" Utterances

Samejima, Nobuyuki Tokyo, Japan BAG: University of Tokyo, 1975 Major: Engineering Major Professor: Dr. Lyman S. Willardson Thesis: Simulation of Transient Water and Salt Fluxes in Soil

Savabi, Mohammad Reza

Mashhad, Khorasan, Iran BS: Utah State University, 1979 Major: Watershed Management Major Professor: Dr. Gerald F. Gifford Thesis: The Impact of Various Range Improvement Schemes on Watershed Protective Cover

Schvaneveldt, Noreen Brown Providence, Utah BS: Utah State University, 1976 Major: Nutrition and Food Sciences Major Professor: Professor Barbara M. Prater Thesis: A Growth Study on Children/Adolescents with Insulin Dependent Diabetes Mellitus

Sedaghati, Mehdi

Tehran, Iran BS: Utah State University, 1979 Major: Physics Major Professor: Dr. V. Gordon Lind Thesis: Pion-nucleus Single Charge Exchange

Sepehr, Mansour Maragheb, Azarbaijan, Iran BS: Tehran University, 1970 Major: Engineering Major Professor: Dr. Lyman S. Willardson Thesis: Evaluating Agricultural, Water and Salinity Management Alternatives Using Hydrosalinity Model

Shareef, Najwan Tawfeek

Mosul, Iraq BS: University of Mosul, 1975 Major: Engineering Major Professor: Dr. David S. Bowles Thesis: A General Model of Well Fields Influenced by Barrier and Recharge Boundaries

Sharp, Kevan Denton

Vernal, Utah BS: Utah State University, 1980 Major: Engineering Major Professor: Dr. Loren R. Anderson Thesis: Analysis of Embankment Reliability Using Autocorrelation Functions

Sharratt, Brenton Scott

Petaluma, California BS: Utah State University, 1978 Major: Soil Science and Biometeorology Major Professor: Dr. Ronald J. Hanks Thesis: Influence of Energy Budget Components on Growth and Development of Spring Wheat as Determined by Time of Life Cycle Initiation

Shaw, Lou Jean C.

Salt Lake City, Utah BS: University of Utah, 1949 Major: Home Economics and Consumer Education Major Professor: Professor Marie N. Krueger Thesis: Impact of the Young Mothers Program on Lives of Teenage Mothers

Sherwood, Kim Hollis Salt Lake City, Utah MS: University of Michigan, 1975 Major: Engineering Major Professor: Dr. V. Dean Adams Thesis: Design Considerations in the Use of Glauber Salt for Energy Storage

Shinn, Elizabeth Ann Granada Hills, California BA: California State University at North Ridge, 1977 Major: Biology (Entomology) Major Professor: Dr. Ting H. Hsiao Thesis: Photoperiodic Responses of Four Leptinotarsa Species from Southern United States

Shuster, Melvin Peter

Eureka, California BS: Humboldt State University, 1980 Major: Engineering Major Professor: Dr. James H. Reynolds Thesis: A Study of the Performance of a Small Oxidation Ditch

Skidmore, Mark Hendricks

Brigham City, Utah BS: Utah State University, 1979 Major: Economics Major Professor: Dr. Marion T. Bentley Thesis: Non-thesis

Skinner, Marilyn Egan Ogden, Utah BS: Utah State University, 1965 Major: Family and Human Development Major Professor: Dr. J. Craig Peery Thesis: The Effects of Empathy Teaching on Sociometric Status in Kindergarten Children from Urban and Rural Populations

Smith, Sandra Wood West Jordan, Utah BS: Utah State University, 1961 Major: Home Economics and Consumer Education Major Professor: Professor Marie N. Krueger Thesis: Measuring Adult Parent Education Programs: Reliability and Validity Indices of a New Assessment Device Son, Cary Bert Paul, Idaho BS: Brigham Young University, 1974 Major: Economics Major Professor: Dr. W. Cris Lewis Thesis: Attitudes of Socio-economic Groups About Land Use in Northern Utah

Soto, Hugo Edgar Cochabamba, Bolivia BS: Utah State University, 1979 Major: Engineering Major Professor: Dr. Fred W. Kiefer, Jr. Thesis: Determination of the Influence of the Gap Spacing in a Direct Shear Test

Southard, Randal Jay Logan, Utah BS: Utah State University, 1976 Major: Soil Science and Biometeorology Major Professor: Dr. Jerome J. Jurinak Thesis: Comparison of the Mineralogy and Morphology of Some Cambic and Argjillic Horizons in Soils of Northern Utah

Spence, John Reed Logan, Utah BS: Utah State University, 1977 Major: Biology Major Professor: Dr. Richard J. Shiaw Thesis: Vegatation of Suballpine and Alpine Moraines in the Teton Range, Grand Teton National Park, Wyoming

Stachowski, David Edward Batavia, New York BS: State University College at Gemeseo, 1974 Major: Communicative Disorders Major Professor: Dr. Thomas S. Johnson Thesis: Clinical Supervisory Models in Communicative Disorders

Steele, Benjamin Belknap

Tamworth, New Hampshire AB: Harvard University, 1974 Major: Wildlife Science Major Professor: Dr. John A. Kadllec Thesis: Reproductive Success of White-faced Ibis: The Effects of Pesticides and Colomy Characteristics

Stoddard, Thomas C. Brigham City, Utah BS: Utah State University, 1980 Major: Engineering Major Professor: Dr. J. Clair Batty Thesis: Energy Accounting as a Tool for Evaluating Man-made Water Recreation

Stubbs, Clifford Arthur St. George, Utah BS: Weber State College, 1974 Major: Nutrition and Food Sciencies Major Professor: Professor Daren Cornforth Thesis: The Effects of a Calcium Pectinate Film Upon Shrinkage, Palatability and Surface Microbial Growth on Carcasses and Selected Beef and Poultry Cuts

Stutman, Randall Kirk Broomall, Pennsylvania BS: Utah State University, 1979 Major: Communications Major Professor: Dr. John J. Black Thesis: The Effects of Reading Habits on Journalistic Writing Abilities

Syverud, John Brock Pleasant Valley, Iowa BS: University of Iowa, 1977 Major: Biology Major Professor: Dr. Rex S. Spendlove Thesis: Primary Genetic Analysis of Bovine Rotavirus Tablas Romero, Hector Lisandro Comayaguela, Fco. Morazan, Honduras, C.A. Ing/Agr: Universidad Autonoma de Chih, 1976 Major: Irrigation Science Major Professor: Dr. R. Kern Stutler Thesis: Plan B

Taylor, Terry Jo Ten Sleep, Wyoming BS: Utah State University, 1975 Major: Communicative Disorders Major Professor: Dr. Thomas S. Johnson Thesis: Air Flow Parameters in College-Age Individuals

Thelin, Richard William

Santa Barbara, California BS: Utah State University, 1977 Major: Watershed Science Major Professor: Dr. Richard H. Hawkins Thesis: Fecal Coliform Release Patterns from Fecal Material of Cattle

Tinnakul, Nithet Bangkok, Thailand BS: Chulalongkorn University, 1967 Major: Sociology Major Professor: Dr. Therel R. Black Thesis: A Study of Agricultural Organizations and Production During Thailand's Third National Economic and Social Development Plan Period (1972-1976)

Tsen, Chan-tang Tainan Hsien, Taiwan, R.O.C. BS: National Taiwan University, 1973 Major: Engineering Major Professor: Dr. William L. Jones Thesis: Design of a Feedback Compensated Low-Noise Preamplifier for Use with Solid-State Infrared Detectors

Turner, Bevan Wymond Dallas, Texas BS: University of Texas, 1973 Major: Communicative Disorders Major Professor: Dr. Steven H. Viehweg Thesis: The Use of Impedance Audiometry in an Otologic Clinic

Turner, Victoria Allard Warwick, Rhode Island BS: University of Rhode Island, 1973 Major: Biology Major Professor: Dr. Neal K. Van Alfen Thesis: Crown and Root Rot of Alfalfa in Utah

Wagenet, Donald W. Walnut Creek, California BS: University of California, Davis, 1978 Major: Soil Science and Biometeorology Major Professor: Dr. Jerome J. Jurinak Thesis: Variability of Field Measured Infiltration Rates

Wagner, Lucinda Fessenden Kaysville, Utah BA: Weber State College, 1972 Major: Elementary Education Major Professor: Dr. Donald R. Daugs Thesis: Non-thesis

Weaver, Mark Johnson San Diego, California BA: Point Loma College, 1978 Major: Psychology Major Professor: Dr. Elwin C. Nielsen Thesis: Metaphorical Interpretations of the Neurotic Paradox Weirick, Dorothy Stone

Lancaster, New York BS: State University of New York at Buffalo, 1967 Major: Home Economics and Consumer Education Major Professor: Professor Marie N. Krueger Thesis: An Update and Comparison of Students' Perceptions of Homemaking Classes in the Granite District

Whittier, Jack C. Morgan, Utah BS: Utah State University, 1979 Major: Animal Science Major Professor: Dr. Warren C. Foote Thesis: Production of Cattle and Sheep under Continuous and Rotational Grazing Systems on High Elevation Summer Range

Wieneke, Stephen T. Glendora, California BS: Missouri Southern State College, 1976 Major: Engineering Major Professor: Dr. Dennis B. George Thesis: Evaluation of Livestock Runoff as a Source of Water Pollution in Northern Utah

Williams, Daniel R. Carson City, Nevada BS: University of Nevada, Reno, 1978 Major: Outdoor Recreation Major Professor: Dr. Richard Schreyer Thesis: Relationship to Place as a Determinant of Outdoor Recreation Preferences

Willis, Crystal Ann Logan, Utah BS: Utah State University, 1975 Major: Nutrition and Food Sciences Major Professor: Dr. V. T. Mendenhall Thesis: Energetics of Home Dehydration: The Effect on Product Cost and Quality

Wright, Cheryl Anne Lake Charles, Louisiana BA: Louisiana State University, 1978 Major: Family and Human Development Major Professor: Dr. Jay C. Schvaneveldt Thesis: Involving Parents in a Nutrition Education Program for Preschool Children

Wright, Deborah Ann Eden, Utah

Eden, Utah BS: Utah State University, 1974 Major: Health, Physical Education and Recreation Major Professor: Dr. Janice Pearce Thesis: Recreational Interests of Female Contract Employees of Utah State University

Yanagi, Noriaki Hofu, Yamaguchi, Japan BS: Kushu Industrial University, 1967 Major: Applied Statistics Major Professor: Dr. David White Thesis: Exact Analysis of Variance with Unequal Variances

Yu, Wei Chih Taipei, Taiwan, ROC BS: Taiwan Provincial College of Marine and Oceanic Technology, 1970 Major: Engineering Major Professor: Dr. Reynold K. Watkins Thesis: The Design and Construction of a Centrifuge for Soil-Pipe Model Studies

Zoellner, Jay R. Elizabeth, Colorado BS: University of Colorado, 1974 Major: Outdoor Recreation Major Professor: Dr. John D. Hunt Thesis: Relationships between Tourist Literature Use and Travel Zollinger, Dan Glen Logan, Utah BS: Utah State University, 1977 Major: Civil and Environmental Engineering Major Professor: Dr. Roland W. Jeppson Thesis: Groundwater and Surface Elevation Components of a Total Hydrology Simulation Model

Master of Social Science

Dennis, Michelle Lynn Rapid City, South Dakota BS: Utah State University, 1979 Major: Interdisciplinary Program Major Professor: Dr. Frank Dalley Thesis: Social Services Administration: A Review of the State of the Art

Olsen, Marie Fuhriman

Providence, Utah BS: Utah State University, 1977 Major: Interdisciplinary Program Major Professor: Dr. Frank Dalley Thesis: An Assessment of the Perceived Needs of the Elderly in Cache Valley

Paraskeva, James Alan Price, Utah BS: Utah State University, 1979 Major: Interdisciplinary Program Major Professor: Dr. Calvin W. Hiibner Thesis: Plan B

Wilson, Douglas

Palmyra, New York BA: State University of New York at Buffalo, 1969 Major: Interdisciplinary Program Major Professor: Dr. Elwin C. Nielson Thesis: Approaches to Adult Probationary Supervision: A Positive Perspective

Addendum

Master of Education

Emery, Kingsley Ogba U.

Abiriba, Imo State, Nigeria BS: Utah State University, 1980 Major: Secondary Education Major Professor: Dr. William A. Stull

Larsen, Gregory Allen Hyrum, Utah BS: Utah State University, 1976 Major: Secondary Education Major Professor: Dr. Richard S. Knight

Utah State Board of Regents

Donald B. Holbrook, Salt Lake City Chairman Rex G. Plowman, Lewiston Vice Chairman

Peter W. Billings, Salt Lake City Ralph S. Blackham, Moroni W. Hughes Brockbank, Salt Lake City J. Lynn Dougan, Salt Lake City Kem C. Gardner, Salt Lake City Jay Dee Harris, Tremonton George C. Hatch, Salt Lake City Alex P. Hurtado, Ogden Mary D. Lunt, Cedar City Neal A. Maxwell, Salt Lake City Robert L. Newey, Ogden Luke G. Pappas, Price Roy W. Simmons, Kaysville D. Bryan Steele, Ogden

Utah State University Institutional Council

Glenn J. Mecham, Ogden *Chairman* Leah D. Parkinson, Logan *Vice Chairman*

R. Kieth Binford, Logan James E. Brown, Tremonton Roy L. Holman, Ogden Donniel Horlacher, Logan Leonard W. McDonald, Bountiful Merrill J. Millett, Sandy Eric R. Olsen, Logan Janet Cannon Randall, Logan

Commencement Committee

Gerald R. Sherratt, Chairman

Richard C. Haycock J.R. Allred Carmen H. Bullock Alan M. Hofmeister Ronald L. Jones S. Jackson Loughton Roger McEvoy Neil Murray Thomas D. Moulton Sheridan B. Pew W. Burke Rich Michael D. Richards Evan J. Sorenson Curtis Thomas John R. Williams

College Graduation Chairpersons

Bruce Godfrey and Lyle G. McNeal, College of Agriculture William G. Neal, College of Business Izar A. Martinez, College of Education Alan W. Shaw, College of Engineering Frances G. Taylor, College of Family Life Richard C. Haycock, College of Humanities, Arts and Social Sciences John M. Neuhold, College of Natural Resources David L. Turner, College of Science Carmen H. Bullock, School of Graduate Studies