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Summer Commencement

University of Northern Iowa Cedar Falls, Iowa

August 4, 1989

University of Northern Iowa

Commencement

August 4, 1989

The UNI-Dome Constantine W. Curris, Ed.D. President of the University presiding 7:30 p.m.

Judith F. Harrington, M.A. Assistant Professor of Speech Pathology Commencement Marshal

PRELUDE CONCERT Brass Quinte PROCESSIONAL Brass Quinte	
THE ACADEMIC PROCESSION The President's Party The Commencement Marshal The President Platform Guests Officers of the University	
The Faculty The Heads of the Departments Members of the Faculty	
Candidates for Degrees	
THE NATIONAL ANTHEM Brass Quinte	et
RECOGNITION AND AWARD OF HONORS James G. Martin, Ph.D. Vice President and Provos). st
STUDENT ADDRESS	ee
PRESENTATION OF CANDIDATES University Continuing Education and Special Programs	
Bachelor of Arts Bachelor of Liberal Studies	
College of Business Administration Paul J. Uselding, Ph.D.	
Bachelor of Arts and Bachelor of Arts — Teaching Program	n
College of Education	
Bachelor of Arts and Bachelor of Arts—Teaching Program	
College of Humanities and Fine Arts Thomas H. Thompson, Ph.D. Dea	
Bachelor of Arts and Bachelor of Arts—Teaching Program Bachelor of Music	

College of Natural Sciences Roy H. Saigo, Ph.D. Dean Bachelor of Arts and Bachelor of Arts—Teaching Program Bachelor of Science Bachelor of Technology College of Social and Behavioral Sciences Albert R. Gilgen, Ph.D. Head, Department of Psychology Bachelor of Arts and Bachelor of Arts—Teaching Program Dean Master of Arts Master of Arts in Education Master of Music Specialist in Education Doctor of Education **Doctor of Industrial Technology** CONFERRING OF DEGREES* President Curris CLOSING SELECTIONS Brass Quintet Laurie J. VanDerPol, French Horn Members of the Brass Quintet: Janet Ellis, Trumpet Robert Shirk, Trumpet Kenneth L. Henze, Tuba Merlin Grady, Trombone Jay Edelnant, Ph.D. *Reading of the Candidates Names: Associate Professor and Director of Theatre Department of Communication and Theatre Arts

The audience is urged to refrain from cheering or applauding graduates as they are individually named. Your enthusiasm is understandable but may interfere with the rights of others to hear and will delay the program.

College of Natural Sciences Purple and Old Gold Awards

Presented to Bachelor Degree Candidates for Meritorious Scholarship in Particular Areas

BIOLOGY

Stephen Joseph Smalley Waterloo

Continuing Education & Special Programs

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher **High Honors 3.50 to 3.75 *Honors 3.25 to 3.50 60 hour minimum at UNI

Wesley Cecil Abbott, BA General Studies	Maquoketa	Vivian M. Kuhl Martin, BA General Studies	Cedar Falls
Sandra Lea Bearden, BA General Studies	Tama	Matthew L. McQuillen, BA General Studies	Davenport
Marie Ann Besler, BA General Studies	Dubuque	***Mary Martha Meier, BA Individual Studies: Undergi	Cedar Falls raduate Thesis:
Lisa Ann Nelson Bingham, BA General Studies	Waterloo	"Computerizing Orchard Church."	
Barbara Christine Boheman, BA General Studies	Ackley	Russell Lee Rubie, BA General Studies	Dubuque
Susan R. Capron, BLS	Cedar Falls	Julie Elin Saf, BA	Des Moines
Rhonda Lynn Church, BA	Lake View	General Studies	
General Studies		Amy Kathryn Savel, BA	West Des Moines
John Robert Diedrichs, BA	Cedar Falls	General Studies	
General Studies		**Jacqueline Ann Walden-W	
Kay Ann Faber, BA	Wall Lake	BA	Waterloo
General Studies		General Studies	
Lora Ann Fifield, BA General Studies	Dubuque	Michelle Renee Wallace, BA General Studies	Manson
Alyce Ann Ward Jenkins, BA General Studies	Cedar Falls	***Clint Robert Wrede, BA General Studies	Cedar Falls
*Symone K Ma, BA General Studies	Cedar Falls		

College of Business Administration

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher **High Honors 3.50 to 3.75 *Honors 3.25 to 3.50 60 hour minimum at UNI

Charles Francis Adams, BA Business: Accounting	Waterloo	Diane Mae Glossen, BA Management: Business Admi	Humboldt nistration
**Pamela Kay Ascher, BA Business: Accounting	Grundy Center	Susan Marie Goehring, BA Marketing: Management and	Waterloo
Brett Michael Baker, BA Business: Accounting	Cedar Falls	Jerald Wayne Gray, BA Management: Personnel Hun	Hampton
Max John Baumgartner, BA Marketing: Sales	Arlington	Kevin Arden Hansen, BA Marketing: Advertising	Evansdale
Tamara Lynn Beck, BA Management: Personnel/Hum	Chelsea an Resources	Paul Duane Hanson, BA Business: Accounting	Waterloo
Ross Alan Behrens, BA Management: Personnel/Huma	Sheldon	William Craig Harper, BA Business: Accounting	Muscatine
Jodie Lynn Berner, BA Marketing: Retailing	Waukee	Kevin G. Hebl, BA Business: Accounting	Iowa City
Janet Elaine Black, BA Business; Accounting	Davenport		West Des Moines
Michele Mary Boehmer, BA Marketing: Retailing	Mason City	Penelope Marie Hoffman, BA Marketing: Sales	Epworth
Michael Robert Bohnsack, BA Management: Finance	Des Moines	Thomas John Hoffman, BA Business: Accounting	Cedar Falls
Kristi Lynn Bruvik, BA Business: Accounting	Humboldt	Lisa Jean Hough, BA Marketing: Management	Spirit Lake
Brett Aaron Caspers, BA Management: Personnel/Hum	Lisbon an Resources	Marni DeAnn Houser, BA Marketing: Sales	Ankeny
Jerry P. Cihota, BA Business: Accounting	Orange City	Craig Alan Ingamells, BA Business: Accounting	Stanley
Kelly Renee Cline, BA Marketing: Retailing	Cedar Rapids	James G. Jakoubek, BA Management: Business Admi	Fairfax inistration
Catherine Marie Cole, BA Marketing: Advertising	Manchester	Andrew Saul Johnson, BA Management: Business Adm	Cedar Falls
John Thomas Cook, BA Business: Accounting	Lohrville	Kevin Duane Kahl, BA Marketing: Sales	Cedar Falls
Michael Wade Cordle, BA Business: Accounting	Osage	Lori Sue Koscielski, BA Marketing: Advertising	Marshalltown
Deborah Denise Culpepper, B Management: Business Admin		Terry Lee Kramer, BA Management: Finance	Farley
Mary Kay DeRocher, BA Management: Business Admin	LeMars	Brian Keith Lincoln, BA Marketing: Retailing	Marshalltown
DeAnn Sue DeVary, BA Marketing: Research	Mason City	Steven Lawrence Lombardo, Business: Accounting	BA Naperville, IL
Rebecca Ann Fenelon, BA Office Information Systems	Cedar Falls	Rodger Francis Massey II, BA Management: Business Adm	
*Darci Lynn Snyder Frascht, E Management: Finance	BA Waverly	Rita Rae McCreery, BA Business: Accounting	Gladbrook
Lawrence Caswell Gaffey, BA Economics	Cedar Falls	Bradley Joe McCunniff, BA Marketing: Entrepreneurship	Cedar Falls
Lisa Elisabeth Armstrong Gate Business: Accounting	es, BA Waterloo	Harriett L. Christensen McM BA	
John Joseph Gillotti II, BA	Des Moines	Business: Accounting	Fort Dodge
Management: Business Admir	นรเกนแบก	*Tad Mitchell McMahon, BA Business: Accounting	Fort Dodge

**Elizabeth Ann Murphy, BA Marketing: Advertising	Ida Grove	Joel Curtis Schipper, BA Business: Accounting	Waukesha, WI
Mary Kay Murtha, BA Business: Accounting	Victor	Pamela Rae Schulz, BA Management: Personnel/Huma	Cedar Falls an Resources
Jeffrey James Neubrand, BA Management: Personnel/Huma:	LeMars n Resources	Theresa Marie Sebetka, BA Management: Personnel/Huma	Norway an Resources
Joelle Renee Nulle, BA Business: Accounting	Marion	Shelli Kaye Barkema Seibert, B Office Information Systems	A Cedar Falls
Michael Cory O'Connor, BA Marketing: Sales	Osage	Carol Jean Shank, BA Marketing: Sales	Cedar Falls
Dean Thomas O'Regan, BA Business: Accounting	Waucoma	Kimberly Kay Silvey, BA Management: Finance	Moorland
Carla Ann Petersen, BA Management: Finance	Kimballton	Helen Elizabeth Smith, BA Management: Personnel/Huma	Des Moines in Resources
Vicki Diane Powell, BA Marketing: Management	Creston	Todd Christopher Smith, BA Management: Business Admin	Grinnell aistration
Timothy Ray Rickert, BA Business: Accounting	Cedar Falls	Brett Lane Thorne, BA Business: Accounting	Parkersburg
Rebecca Rogers, BA Marketing: Management	Cedar Falls	Michele Joan Tolsdorf, BA Management: Business Admin	Ogden distration
Daniel Zell Saddler, BA Management: Business Admini	Cedar Rapids istration	Steve Patrick Walsh, BA Business: Accounting	Bernard
Dixie Jane Sauer, BA Management: Personnel/Huma	Oelwein	*Terry L. Waters, BA Management: Personnel/Huma	Kalona an Resources
Timothy Allen Schiltz, BA Marketing: Management	Algona	Sharon Arlene Westphal, BA Business: Accounting	Waterloo

College of Education

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher **High Honors 3.50 to 3.75 *Honors 3.25 to 3.50 60 hour minimum at UNI

Carol Avis Reid Anderson, BA Education Elementary Education	West Des Moines
Julia Maria Berglund, BA Community Health Educatio	Stratford n
Nicole Mary Kenline Bernat, BA Therapeutic Recreation	West Des Moines
Kelly Lynn Bleich, BA Therapeutic Recreation	Algona
John Joseph Bright, BA Therapeutic Recreation	Marion
Mark Edward Caballero, BA Education Physical Education: Coaching	Cedar Falls
Jean Roberta Darbyshire, BA Therapeutic Recreation	Davenport
Joan Marie Deluhery, BA Therapeutic Recreation	Jefferson

Marshalltown
Independence
Anamosa
Wellsburg
Cedar Rapids
Newton
Waterloo

Christopher John Herman, BA Waterloo Community Recreation: Camping and Community Recreation: Youth	Michael Dean Reysack, BA Education Charles City Physical Education: Coaching
Agency Administration Celeste Langhurst Holliday,	Julie Rose Rottinghaus, BA Des Moines Therapeutic Recreation
BA Education Cedar Rapids Elementary Education	Michael Dennis Schreck, BA Cedar Falls Therapeutic Recreation
Roxann Dittmer Hull, BA Education Boone Early Childhood Education	Patricia Ann Sinnwell, BA Waterloo Community Recreation: Sports
Renae A. Hummel, BA Therapeutic Recreation Ankeny	Peter James Smith, BA Education Epworth Elementary Education
Carole Margaret Johnson, BA Cedar Falls Therapeutic Recreation	Nancy Rae Stateler, BA Cedar Rapids Therapeutic Recreation
Debra Jane Ketterling, BA Education Urbandale Elementary Education	Heather Lee Strefling, BA Tipton Therapeutic Recreation
*Keith Alan Krier, BA Education Conrad Elementary Education	Christine Cherie Tauber, BA Cedar Rapids Community Recreation: Youth Agency Administration and
Nancy Grimmius Mackie, BA Grundy Center	Community Recreation: Camping
Community Health Education Sherri Jo Marth, BA Education Davenport	Julie Ann Thompson, BA Urbandale Therapeutic Recreation
Elementary Education Melissa Ann Martin,	Linda Marie Walsh, BA Education Dubuque Elementary Education
BA Education DeWitt Elementary Education	Julie Marie Wichman, BA Ottumwa Therapeutic Recreation
Lori Beth Melin, BA Education Cedar Rapids Elementary Education	Melinda Sue Wilson, BA Education Sheldon Physical Education: Coaching
Jennifer Lou Peterson, BA Education Lake View Elementary Education	Angela Jo Young, BA Iowa City Therapeutic Recreation
Deborah Lynn Resnick, BA Davenport Therapeutic Recreation	

College of Humanities and Fine Arts

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher

**High Honors 3.50 to 3.75

*Honors 3.25 to 3.50 60 hour minimum at UNI

Jack E. Adams, Jr., BA Communication/Public Relations	Cedar Rapids	Gregg William Butcher, BA Communication/Public Relations	Rockwell
Scott Mathew Allard, BA Communication/Radio Television:	Marion	Melissa Ann Christensen, BA Communication/Public Relations	Humboldt
Marketing/Sales		Christine Ann Gansemer Clark,	
Mary Beth Ascheman, BA English	Urbandale	BA English	Janesville, WI
Brad Steven Bartelt, BA Communication/Radio Television:	Cedar Falls	Andrew Servais Clements, BA Communication/Public Relations	Epworth
Broadcast Journalism		Clark Howard Duhrkopf, BMus	Sumner
Laurie Lynn Batterson, BA Art	Oelwein	Music Education: Choral and Music Education: Instrumental	
Leslie Suzanne Bennett, BA Communication/Public Relations	Creston	Robert Esteban Fernandez, BA Spanish	Ankeny

Wendee Susan Garton, BA French	Des Moines	**Mary Lou Veltman Rose, BA Denver Music
Kristine Sue Gustin, BA Communication/Radio Television:	Stanley	Scott Richard Schulz, BA New Hampton Art
Production/Performance *Michelle Lori Smith Hanson, BA Communication/Public Relations	Waterloo	***Jacqueline Seemann, BA Education Johnston English
*Julie Peterson Hardman, BA Communication/Public Relations	Eugene, OR	Tracy Deann Siglin, BA Woodward Art
**Timothy James Harmon, BA Humanities and Philosophy and I	Omaha, NE Religion	*Kathryn Marie Smalley, BA Waterloo Music
	nington, MN	*Michelle D. Stumberg, BA Grundy Center Communication/Public Relations
**Kathleen Ann Kelly, BA Spanish and European Studies	Fayette	Jeffrey Paul Talmadge, BA Marshalltown Communication/Public Relations
Sheila Kay Kramer, BA Communication/Public Relations	Hopkinton	Jeanne Ann Troupe, BA Waterloo
Troy Michael Love, BA Communication/Public Relations	Cedar Falls	Michael Arvene Ward, BA Waterloo Humanities
Lisa Michelle Lucas, BA English	Central City	Susan Jean Olerud Weddell, BA Des Moines French
Lori Anne Martin, BA Communication/Public Relations	Iowa Falls	Holly Dianne Westberg, BA Ames Spanish and Marketing: Advertising
Carol Ann Naberhaus, BA Communication/Public Relations	Carroll	Jesse William Wilde, BA Cedar Falls Communication/Public Relations
Thomas Steven Richter, BA English	Des Moines	Brian Thordsen Young, BA Tipton Communication/Radio Television: Production/ Performance

College of Natural Sciences

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher

**High Honors 3.50 to 3.75

*Honors 3.25 to 3.50 60 hour minimum at UNI

Kristine Kay Ama, BA Science	Marion	Erinn Marie Dooley, BA Biology: Plan X	Marion
Todd Joseph Burken, BA Computer Science	Davenport	Paul Frances Finn, BA Industry	Dubuque
Lloyd Ardell Chabal, BT Construction Technology James Donald Costigan, BA	Lone Tree Waucoma	*Suan Chin Foo, BA Century Ga Biology: Plan Y	rden, Malaysia
Biology: Plan X Myrtle Mary Dalluge, BA	Buckingham	***Grant Leroy Forrester, BA Biology: Plan Y	Cedar Falls
Mathematics B (Computation Enter Pamela M. Domeyer, BA		Douglas Paul Frost, BA Industry	Dike
Science: Medical Technology Michael James Donahue II, BA	Marshalltown	Harlan Joseph Harter, BT Construction Technology	Cedar Falls
Computer Information Systems Christopher John Donner, BA	Cedar Rapids	*Michael Jon Hays, BA Science	Corydon
Science		***Kaye Ellen Jager, BA Biotechnology	Eddyville

Anthony Michael Klehn, BA Industry	Davenport	Fred Lyman Rossow, BT Industrial Technology	Cedar Rapids
John Joseph Kotz, BA Education Technology Education	Charles City	Gregory Allen Royer, BA Industry	Reinbeck
Matthew Clark Lang, BA Industry	Melcher	**Jon Nolan Rumbley, BA Chemistry and Biology Plan Y	Cedar Falls
*James Arthur McCartan, BA Biology: Plan Y	Fonda	*Paula Renee Schmidt, BA Biotechnology and Chemistry	Manchester
Christopher Allen Miliner, BA Science	Cedar Falls	***Stephen Joseph Smalley, BSci Biology and Chemistry	Waterloo
*Raj Kumar Modak, BA Chemistry	Clinton	Michael Charles Welch, BA Geology	Des Moines
*Paul Edward Murphy, BT Manufacturing Technology: Pro-	LaPorte City duction	David Scott Wiley, BA Chemistry and Earth Science	Cedar Falls
**Tamara Lou Oloff, BA Science: Medical Technology	Cedar Rapids	*Shirley Jean Wright, BA Science	Hampton
**James Thomas Patrie, BSci	Cedar Falls		

College of Social and Behavioral Sciences

Biology

Candidates for Degrees

Notes:

***Highest Honors 3.75 or higher **High Honors 3.50 to 3.75 *Honors 3.25 to 3.50 60 hour minimum at UNI

Brent David Andresen, BA Social Work	Cedar Falls	Kathleen Sue Ely, BA Social Work	Fairfax
***Sarah Ann Appelman, BA Social Work and Spanish	Clermont	Joseph Leo Farnsworth, BA Criminology and Sociology	Des Moines
Patricia Wilson Beavers, BA Social Work	Waterloo	Michael John Fink, BA History	Denver
Dawn Marie Behning, BA Sociology	Mason City	**Paul Joseph Fink, BA Political Science	Tripoli
Juliet Ann Bell, BA Home Economics: Dietetics	Cedar Rapids	Roxann R. Fish-Greenlee, BA Home Economics: Design and	
John Harvey Bilsten, BA	Denison	Environment: Business	
Public Administration: Public Pe	rsonnel	Diane Marie Flanagan, BA	Cedar Rapids
*Renee Marie Bluml, BA	Dubuque	Social Work	
Home Economics: Dietetics		Krista Roxanne Fosbinder,	
John Kevin Bruen, BA Public Administration: General	Bettendorf Administration	BA K Social Work	Cansas City, MO
Michael James Carew, BA Social Work	Clear Lake	Brent John Freerks, BA Educati Social Science	on Clarksville
Richard Nicholas Coleman, BA Social Work	Fort Dodge	Julie Ann Handke, BA Social Work	Guttenberg
Susan Marie Demuth, BA Home Economics in Business: Cl	Waverly othing	Joni Marie Henely, BA Social Work	Dayton
and Textiles: Fashion Merchandi		Sherry Ann Hess, BA	New Vienna
Lynda Darlene Dukes, BA	Carroll	Psychology	
Home Economics: Business: Clot. Textiles: Fashion Promotion	hing and	Scott Robert Hoodjer, BA Psychology	Greene

Kevin Lee Hulsing, BA Carroll Public Administration: General Administration	Lori Lynn Prusha, BA Tama Social Work
Shelly Anne Hundley, BA Waterloo Public Administration: Public Personnel	Leigh Michelle Ray, BA West Des Moines Psychology
Zulfakar Bin Ismail, BA Asahan, Melaka, Malaysia	***Rhonda Kay Seifert, BA Garnavillo Social Work
Public Administration: Public Law	Stephen James Spoden, BA Worthington
Linda Kay Jostes, BA Austin, MN	Psychology
Home Economics: Design and Human Environment: Art	**Ronald David Stock, BA Crystal Lake, IL Psychology
Mary Beth Kueny, BA Education Sioux City Social Science	Vincent Francis Sweeney, Jr., BA Cedar Falls History
Mark David Lindhoff, BA Education Des Moines	Daniel James Thompson, BA Rolfe Social Work
Social Science Amanda Marie Loving, BA Sioux Falls, SD	Jodi Renee Trimble, BA Carroll Social Work
Social Work	Timothy Houston Watson,
Crystal Kay Meyer Maltas, BA Cedar Falls Home Economics: Family Services	BA West Des Moines Public Administration: General Administration
Marcia J. Claassen McKenna, BA Waterloo Home Economics: Family Services	Maria Dawn Wemark, BA Ridgeway Home Economics: Family Services
Andre Harbon Merrett, BA Des Moines Political Science	Kevin Scott Whipple, BA Cedar Falls Social Work
**Cynthia K. McMillan Morf, BA Cedar Falls Social Work	Diann Lynn Wilkens, BA Sheldon Home Economics in Business:
Steven James Murphy, BA Elma Public Administration: Public Services	Clothing and Textiles: Fashion Merchandising
Dawn Marie Oberhoffer, BA Criminology Dubuque	MANAGEMENT OF THE PARTY OF THE

Graduate College

Candidates for Degrees

Candidates for Degrees	
John Anthony Aboud, B.M., 1977, University of Northern Iowa M.M.; Music Education	Algona
D 1 16 1 11 DO COST O	ew Orleans, LA
Buddy Ray Anderson, B.A., 1969, University of Northern Iowa M.A.; Teaching English to Speakers of Other Languages	Des Moines
Randy L. Atkinson, B.M., 1983, University of Northern Iowa M.M.; Music Education	Cedar Rapids
Connie Jean Bailey, B.A., 1983, University of Iowa M.A.E.; Special Education	Cedar Rapids
Jane Christine Behrens, B.S., 1977, University of Northern Iowa M.A.; English	Cedar Falls
Janice Elaine Blockhus, B.A., 1980, University of Northern Iowa M.A.E.; Education of the Gifted	Big Piney, WY
Peggy Lynn Boomgarden, B.S., 1978, University of Iowa M.A.E.; Special Education	Cedar Falls
Sandra Jo Harders Brasch, B.A.; 1980, University of Northern Iowa M.A.; Business Education	Waterloo
Vonda Mae Broek, B.A., 1987, Dordt College M.A.; Physical Education	Sioux Center
Thesis: Comparison of the Linear and Non-Linear Pass in Volleyball	
Judith Cashman Burgin, B.A., 1967, Notre Dame College M.A.; Spanish	West Point
Amy Renee Cacek, B.A., 1988, University of Northern Iowa M.A.; Speech-Language Pathology	Ruthven
Susan Lauree Willms Cantine, B.A., 1972, Wartburg College M.A.; Communication and Theatre Arts	Decorah
Maria Trese Cashman, B.A., 1988, University of Northern Iowa M.A.; Speech-Language Pathology	Monticello
Thesis: The Effects of Sign Language Upon the Fast-Mapping Abilities of Autistic	Children
Yumin Chen, B.S., 1982, Shaanxi Teachers University M.A.; Chemistry Theories A Near Infrared Structure (4 the Historica accordance (2 Physical S. Phys	Xian, China
Thesis: A Near Infrared Study of the Heteroassociation of 2-Phenyl-2-Propanol with Terry Lee Christiansen, B.A., 1980, Buena Vista College M.A.E.; Secondary Principal	Allison
Jean Marie Clausing, B.A., 1974, Wartburg College M.A.E.; Special Education	Waverly
Kathleen Jo Larson Croell, B.A., 1973, University of Northern Iowa M.A.E.; Elementary Principal	Wadena
Charles Randall Crook, B.S.E., 1985, Virginia Polytech Institute and State University M.A.; Science	Waterloo
Jill JoAnn Crotts, B.A., 1982, University of Northern Iowa M.A.E.; Special Education	Mason City
Kimberly Rae Dodd, B.A., 1988, University of Northern Iowa M.A.; Speech-Language Pathology	Iowa Falls
Patricia Ann Buster Downs, B.A., 1972, University of Iowa M.A.; Communication and Theatre Arts	Decorah
Paula Dunham, B.A., 1978, M.A., 1982, University of Iowa M.A.E.; Reading Education	Cedar Falls
Rene Ann Dutkowski, B.A., 1987, University of Northern Iowa M.A.; Biology	Ottumwa
Thesis: The Effects of Age and Rearing Temperature on the Behavior of Drosophila Drosophila tripunctata	robusta and
Carol Sue Earles, B.A., 1975, University of Northern Iowa M.A.E.; Special Education	Traer
Debra Louise Semm Elliott, B.A., 1978, University of Northern Iowa M.A.E.; Reading Education	Waterloo
Thesis: A Description and Explanation of Teacher-Talk During Kindergarten Shar	ing Time

Martha Leanne Mohr Erickson, B.S., 1976, St. Cloud State University Decorah M.A.E.; Special Education Teresa Ann Schoneman Findlay, B.A., 1986, University of Northern Iowa Cedar Falls M.A.; Biology Thesis: 2D-PAGE Isolation of Protein Compliments Associated with Morphological Switch-points of Zea mays Staminate and Pistillate Inflorescence Laura Jane Freese, B.A., 1987, University of New Mexico Albuquerque, NM M.A.; Speech-Language Pathology Crissie Marie Frye, B.S., 1980, Bowling Green University Cedar Falls M.B.A.; Business Administration Stanley Ray Galbraith, B.A., 1972, University of Northern Iowa Fort Dodge M.A.; German Mary Ann Goedken, B.A., 1987, Loras College Dubuque M.A.; English Norwalk Douglas Edward Gogerty, B.A., 1988, University of Northern Iowa M.A.; Mathematics Kathryn Kay Goodwin, B.S., 1986, University of Northern Iowa Waterloo M.A.E.; Reading Education Curtis H. Gunnink, B.A., 1984, Central College Branden, WI M.A.; Physical Education Thesis: Trait Competitiveness of Starters and Non-Starters in NCAA Division Basketball Ronald Whipple Haight, B.A., 1985, University of Northern Iowa Waterloo M.B.A.; Business Administration Peter Scott Hamlin, A.B., 1973, Middlebury College Cedar Falls M.M.; Composition Graduate Recital: Composition Constance P. Hargrave, B.S., 1987, Evangel College **Iowa City** M.A.; Communications and Training Technology Sally Robertson Hellwig, B.A., 1958, University of Iowa Cedar Falls M.A.; Counseling Nancy Swords Hendrickson, B.A., 1986, University of Northern Iowa Cedar Falls M.A.; Counseling Lennette Sue Arends Hennessy, B.A., 1975, University of Northern Iowa Cedar Falls M.A.E.; College Student Personnel Services Byron Michael Herrington, B.A., 1967, University of Western Ontario Wingham, Ontario M.A.; German Patricia Henderson Higby, B.A., 1973, M.A., 1977, University of Northern Iowa Cedar Falls M.A.; Home Economics Education Thesis: Home or Hand Knitters' Preferences, Employment and Educational Opportunities Janna Dawn Coleman Hill, B.A., 1976, University of Northern Iowa Churdan M.A.; Biology Lois Elaine Hoffman, B.A., 1967, Luther College Waverly M.A.E.; Special Education Gladys Ann Holthaus, B.A., 1984, University of Northern Iowa **New Hampton** M.A.E.; Special Education Dan Lee Hummel, B.A., 1977, University of Northern Iowa Cedar Falls M.A.E.; Special Education Benedict Julian Hussmann, B.A., 1986, University of Northern Iowa Waterloo M.A.; History Thesis: Voices from the Cloister: Oral Perspectives on the Recent History of New Melleray Abbey Anne Marie Jackson, B.A., 1987, University of Wisconsin-Platteville Platteville, WI M.M.; Conducting Graduate Recital: Conducting Karen Rae Jennings, B.A., 1986, University of Northern Iowa **Iowa City** M.A.; Mathematics for Elementary and Middle Schools Debra Ann DeWitt Johnson, B.A., 1983, University of Northern Iowa Gladbrook M.A.E.; Special Education Gwendolyn Simpson Johnson, B.S., 1977, University of Iowa Waterloo M.A.; Communications and Training Technology Kent Murray Johnson, B.A., 1983, University of Northern Iowa Cedar Falls M.A.; Business Education

Michael P. Kelly, B.S., 1977, University of North Dakota, B.C.S., 1984, B.S.E., 1985, Minot State College Minot, SD Thesis: A Comparison of Student Achievements, Science Process Skills and Attitude Toward Learning Physics in Relation to Individual Student Learning Style Cherie Rae Boomgarden Kingkade, B.M.E., 1973, Drake University Coralville M.A.E.; College Student Personnel Services Janice Kay Jones Kittelson, B.A., 1979, University of Northern Iowa Cedar Falls M.A.E.; Reading Education Carol J. Ogren Koepplin, B.S.E., 1969, Midland Lutheran College Fort Dodge M.A.E.; Special Education Ute Koester, B.S., 1987, Indiana University Cedar Falls M.A.; Physical Education Thesis: Survey of Phase III Cardiac Rehabilitation Programs in the Federal Republic of Germany Linda Helen Kolb, B.S.E., 1973, West Chester University Moab, UT M.A.; Spanish Stacy Ann Kosse, B.A., 1987, University of Northern Iowa Sioux City M.A.; Psychology Thesis: Effects of Time of Initial Onset of Resistance, Jurors and Victims Sexual Experience, and Jurors Sex on Judgments of Date Rape David Paul Krogan, B.A., 1984, Luther College Cedar Falls M.M.; Performance Graduate Recital: Trumpet Stephanie Lawrence Lieder, B.A., 1974, University of LaVerne Cedar Falls M.A.; Counseling Debra Ramos Llorens, B.A., 1975, Framingham State College Longmeadow, MA M.A.; Spanish Mei-Qing Lu, Bachelor Degree, 1982, East China Institute of Chemical Technology Nanning, China M.A.; Biology Thesis: Characterization of Polypeptide Profiles on 2D Gels During Spikelet Development in Maize Tassels Kenneth Lee Lyftogt, B.A., 1986, University of Northern Iowa Waterloo M.A.; History Thesis: From Blue Mills to Columbia: Cedar Falls and the Civil War Bonnie Maxine Lynam, B.A., 1967, University of Northern Iowa Exira M.A.E.; Special Education Mary Alane Martin, B.A., 1985, University of Northern Iowa Cedar Falls M.A.E.; Special Education Jennifer Lynn McDonald, B.A., 1985, University of Northern Iowa Waterloo M.A.E.; Special Education Cedar Falls Michael John McKinlay, B.A., 1986, University of Northern Iowa M.A.; English Thesis: The Matter of the Red Book: J.R.R. Tolkien's The Lord of the Rings Bruce Allen McLellan, B.M.E., 1980, Evangel College Waverly M.M.; Performance Graduate Recital: Violin Lowell Wayne Monke, B.S., 1971, McPherson College Kingsley M.A.E.; Computer Applications in Education Thesis: The Willingness of Rural Iowa Educators to Participate in Computer Teleconferencing TyAnn Marie Morehead, B.S.E., 1983, Concordia Teachers College M.A.E.; Computer Applications in Education Thesis: The Relationship Between Cognitive Style and Problem Solving Skills Using a Computer Ellen Anna Moser, B.S., 1986, Francis Marion College Charles City M.B.A.; Business Administration Mark M. Muehl, B.S., 1975, Briar Cliff College Waterloo M.A.; Physical Education Thesis: Physiologic Responses to Carrying Hand-Held Weights in College Age Females Nancy Ann Stecher Murphy, B.S., 1981, University of Iowa Independence M.A.E.; Early Childhood Education Arlyss Joy Smith Nelson, B.A., 1970, University of Northern Iowa Strawberry Point M.A.; Communications and Training Technology Carla Jean Nicholson, B.A., 1988, University of Northern Iowa **Charles City**

M.A.; English

Jon Mark Nordaas, B.S., 1981, University of North Dakota **New Hampton** M.A.E.; Secondary Principal Deanne Kristin Palas, B.A., 1987, University of Northern Iowa Luana M.A.; English Cedar Falls Marita Sue Pederson, B.S., 1986, Moorhead State University M.B.A.; Business Administration Janesville Kathleen Marie Peters, B.A., 1982, University of Northern Iowa M.A.E.; College Student Personnel Services Laurens Alan Gene Petersen, B.A., 1983, University of Northern Iowa M.A.; Science Education Samantha Jo Pieters, B.A., 1987, University of Iowa Waterloo M.A.; Counseling Susan K. Linn Pillard, B.A., 1981, Wartburg College Central City M.A.E.; Special Education Des Moines Joel Ernest Raasch, B.S.E., 1983, Dr. Martin Luther College M.A.E.; Elementary Principal Diane Rose Schalkhauser Repass, B.A., 1969, Wartburg College Dubuque M.A.; Teaching English to Speakers of Other Languages John David Rider, B.A., 1981, University of Northern Iowa West Des Moines M.A.E.; College Student Personnel Services Cedar Falls Teri Sue Kramer Rokusek, B.A., 1985, University of Northern Iowa M.A.E.; Elementary Education Linda Schmidt Rosulek, B.A., 1973, Purdue University Fredericksburg M.A.E.; Education of the Gifted Martha Horan Ryan, B.S., 1959, Iowa State University Brooklyn M.A.E.; Special Education Independence Barbara Jean Steger Sabin, B.A., 1969, University of Northern Iowa M.A.E.; Secondary Reading David Roger Schaefer, B.A., 1980, Wartburg College Vinton M.A.; Computer Science Education Thesis: A Survey of Iowa's Computing Teachers Regarding Background, Competency and Certification Kelley Rae Schmidt, B.A., 1988, University of Northern Iowa Sibley M.A.; Speech-Language Pathology Waterloo Donna Marie Sciancalepore, B.A., 1987, California State University M.A.; History Thesis: The Contribution of Working Women in Waterloo During World War II Shari Lynn Scoggin, B.A., 1985, Luther College Waterloo M.A.; Communications and Training Technology Patricia Edson Seamans, B.A., 1977, University of Northern Iowa Ionia M.A.E.; Education of the Gifted Colorado Springs, CO Pamela Ann Sentena, B.A., 1983, Adams State College M.A.; Spanish Sonya Grace Shanley, B.S.E., 1982, Ohio University Waterloo M.A.E.; Special Education Marilyn Jean Purlee Smith, B.S., 1965, Iowa State University Marshalltown M.A.E.; College Student Personnel Services Thomas John Spalla, B.A., 1972, Loras College Dubuque M.A.; Physical Education Karen Louise Stein, B.A., 1977, Olivet Nazarene University Cedar Falls M.M.; Composition Graduate Recital: Composition Arthur Mark Stelken, B.A., 1987, University of Northern Iowa Cedar Falls M.A.; Health Education Thesis: A Survey of Influences on Non-Smoking Behavior Among Traditional Age College Students Allyn Ray Stocks, B.A., 1977, Loras College Guttenberg M.A.E.; Elementary Principal Ellen Ann Strittmatter, B.A., 1972, Saint Mary's College; M.S.E., 1975, Muscatine Northern Illinois University

M.A.; Spanish

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Susan Ann Strong, B.A., 1988, University of Northern Iowa M.A.; Mathematics	Milpitas, CA
Lisa Victoria Sukovaty-Gordon, B.A., 1979, University of Northern Iowa M.A.; Communication and Theatre Arts	Cedar Falls
Margaret Mary Sulentic, B.A., 1979, University of Northern Iowa M.A.E.; Reading Education Thesis: Whole Language for High-Risk Students: A Descriptive Study	Cedar Falls
Paula Ann Swalla, B.S., 1983, Iowa State University M.A.E.; Education of the Gifted	Marshalltown
Eldon Bruce Swanson, B.A., 1987, University of Northern Iowa M.A.; Technology	Hudson
Thesis: Competencies Required of Baccalaureate Degree Graduates from Graduates from Graduates Programs	raphic
David Earl Teeter, B.A., 1981, University of Northern Iowa M.A.E.; Middle School/Junior High Education	Ankeny
Blair McLaughlin Thielen, B.A., 1977, University of Northern Iowa M.A.E.; Secondary Guidance and Counseling	Waterloo
Barry Arthur Thompson, B.A., 1973, Simpson College M.A.E.; Elementary Guidance and Counseling	Clarion
Mary Ann Toothman, B.A., 1975, University of Northern Iowa M.A.E.; Special Education	Washburn
Dorothy Ann Stuewe Turner, B.A., 1985, Upper Iowa University M.A.; Counseling	Oelwein
Jill Marilyn Uhlenberg, B.A., 1977, University of Northern Iowa M.A.E.; Early Childhood Education	LaPorte City
Vicki Lynn VanHauen, B.A., 1977, University of Northern Iowa M.A.E.; Special Education	Cedar Falls
Karen E. Ross Waid, B.A., 1986, University of Northern Iowa M.A.E.; Special Education	Charles City
Loren Monroe Wakefield, B.A., 1985, Central College M.A.E; College Student Personnel Services	Cedar Falls
Jann Rudd Weitzel, B.A., 1974, University of Northern Iowa M.A.E.; Education of the Gifted	Waukon
Steven Micheal Wikert, B.A., 1976, University of Northern Iowa M.A.; Communication and Theatre Arts	Cedar Falls
Thesis: Survey of Public Profiles, Attendance, and Preferences for Cedar Fa Community Leisure and Arts Activities	alls/Waterloo
Sheryl Lynn Williams, B.A., 1978, University of Northern Iowa M.A.; Communication and Theatre Arts	Lawrence, KS
Thesis: A Description of the Rules for the Performance Appraisal Interview Coordinated Management of Meaning Theory	
Darla Dostal Wills, B.A., 1986, University of Northern Iowa M.A.E.; Special Education	Grundy Center
Renee Maria Wilson, B.M., 1987, University of Northern Iowa M.M.; Performance Graduate Recital: Harp	Cedar Falls
Rachelle Catherine Yousefi, B.A., 1986, University of Northern Iowa M.A.; Political Science	Cedar Falls
Thesis: Policy Dimension of Female Legislative Voting Behavior: The Iowa	Case

Specialist in Education

Tamara Jean Beener, B.A., 1987, University of Northern Iowa Cedar Falls
School Psychology

Cedar Falls

Thesis: The Parallel Form Reliability of Curriculum Based Written Expression Measurement

Thora Gene Fisko, B.A., 1985, University of Northern Iowa Cedar Falls

School Psychology
Thesis: Roles and Role Perceptions of the Elementary School Counselor and School Psychologist vona Gradzka, Masters Degree, 1984, Adam Mickiewicz University
Poznan, Poland

Iwona Gradzka, Masters Degree, 1984, Adam Mickiewicz University School Psychology

Thesis: The Relationship Between Language Development and Self-Concept in Selected Junior High School Students

Jacqueline Fratzke Holdorf, B.A., 1987, University of Northern Iowa Shell Rock School Psychology

Thesis: Assessment of the Process of Reading Through the Use of Aloud Protocols with Elementary Students

Clark Gunnell Porter, B.A., 1983, University of Northern Iowa

Waterloo

School Psychology

Thesis: The Effects of DRO on Stereo Typic Behavior

Grace Louise Powell, B.A., 1986, Clarke College School Psychology Cedar Falls

Thesis: An Assessment of Selected Public Teachers and Pre-Service Teachers Knowledge and Opinions About AIDS and AIDS Education

Tracy Ann Randall, B.A., 1987, University of Northern Iowa School Psychology Solon

Thesis: The Relationship Between Locus of Control and Learner Self-Concept

Teresa Ann Walker, B.A., 1979, University of Northern Iowa School Psychology Cedar Falls

Thesis: Personality Style Disclosure and Newly Hearing-Impaired Adults

Nancy Burdick White, B.A., 1975, M.A.E., 1980, University of Northern Iowa

Independence

Reading Education

Thesis: Developmental Relationships Between Students Attitude Toward Reading and Their Reading Achievement in Grades 1-8

Doctor of Industrial Technology

Donald Francis Cassel, B.Ed., 1973, M.Ed., 1984, University of Alberta Cedar Falls Dissertation: Relationships Between Chemistry Variations and the Morphology, Shape, Size and

Modular Formation of Carbon Nodules in Ductile Cast Iron

Dissertation Chair: Mohammed F. Fahmy, Ph.D.

Patrick Michael McCleskey, B.A., 1983, M.A., 1986,

California Polytechnic State University Arroyo Grande, CA

Dissertation: An Analysis of the Importance of Selected Applied Physics Concepts as Prerequisites to Training in Automotive Technology

Dissertation Chair: Rex W. Pershing, Ed.D.

Samuel Chukwuemeka Obi, B.A., 1984, M.T., 1985,

Southeast Oklahoma State University

Lagos, Nigeria

Dissertation: Factors Influencing Minority Student Enrollment in Postsecondary Vocational-

Technical Education Programs in the State of Iowa

Dissertation Chair: Ervin A. Dennis, Ed.D.

Doctor of Education

Marlyce Kilby Holbach, B.A., 1972, M.A.E., 1981, University of Northern Iowa

Waterloo

Curriculum and Instruction

Dissertation: Teacher Beliefs and Attitudes Toward Students at Risk

Dissertation Co-Chairs: Gregory P. Stefanich, Ed.D. and Mary Nan Aldridge, Ph.D.

Vicky Lynn Mashek-Smith, B.A., 1974, M.A.E., 1980, University of Northern Iowa Reading Cedar Falls

Dissertation: Teacher-Initiated Whole Language Reading Instruction in a Skills-Based School

District: A Self-Report Case Study

Dissertation Co-Chairs: David W. Moore, Ph.D. and Sharon Arthur Moore, Ph.D.

The Academic Procession

The President's Party forms the first section of the academic procession. Headed by the commencement marshal, it includes the president, members of the State Board of Regents and of the General Assembly, other platform-guests, and the vice-presidents, deans and

other principal University officials.

The commencement marshal carries the University Mace, designed and fashioned for the Centennial Commencement in 1976 by Randall Swanson, at that time a freshman majoring in Industrial Arts. A traditional symbol of authority, the mace is a carved wood rod capped with ends of cast bronze, with the top carrying the seal of the University. The sterling silver chain worn by the president was also created for the Centennial Commencement. It was designed and constructed by Martin Peterson, then a junior majoring in art, and it memorializes the historical evolution of the University by carrying the seals of the Iowa State Normal School, the Iowa State Teachers College, the State College of Iowa, and the University of Northern Iowa.

The procession continues with the faculty, led by the chairperson of the Faculty Senate. The heads of the departments come first followed by the remainder of the faculty.

When the members of the President's Party have arrived at their proper stations, they rise to honor the entrance of the candidates for degrees. Led by faculty marshals, the candidates enter with candidates for the highest degrees first. The candidates for the degree of Bachelor of Arts, both the Teaching Program and the Liberal Arts Program, enter in five groups, representing each of the four undergraduate colleges and the School of Business.

The banners which are carried with the candidates' procession were first used in 1977. They were designed by Bekka Lindstrom, at that time a sophomore majoring in Art. Ms. Lindstrom's explanation of the banner designs accompanies the symbols reproduced at the back of this program. The banners were fashioned by Phillip Elliott, who also designed the stage setting which you see before you. This was first used for the Centennial Commencement in 1976.

Students wearing gold cords are those graduating with highest honors, a distinction

which requires a grade average of 3.75 (4.00 would be all A's).

The academic costumes worn trace their origin to the Middle Ages when long-sleeved hooded gowns were necessary for warmth in the unheated stone colleges. Over the centuries, much diversity occurred, and to bring some order, in the United States in 1894 an intercollegiate system of academic costume was agreed on, now adhered to by more than 760 institutions. According to this code, both the styling and colors of the regalia have significance.

The design of the gown indicates the degree: the bachelor's is a simple gown with a full sleeve. The master's gown is much like it except for the long sleeve which hangs loose. The doctor's gown is fuller and more elaborate. It has velvet edging and three velvet stripes on the full sleeve. The color of this velvet may be black or in the color appropriate to the

degree.

Hoods, which are worn over the gowns, are similar to all degrees, although differing slightly in length. The candidates for the bachelor's degrees usually do not wear the hood. The hood has a velvet edging which indicates the area of the degree, and the inside or lining of the hood is satin in the colors of the college or university granting the degree.

A partial list of the degree colors to be found on the edge of the hood or the triming on

the doctor's gown is as follows:

Apricot — Nursing
Blue, dark — Philosophy
Blue, light — Education
Brown — Fine Arts
Citron — Social Science
Copper — Economics

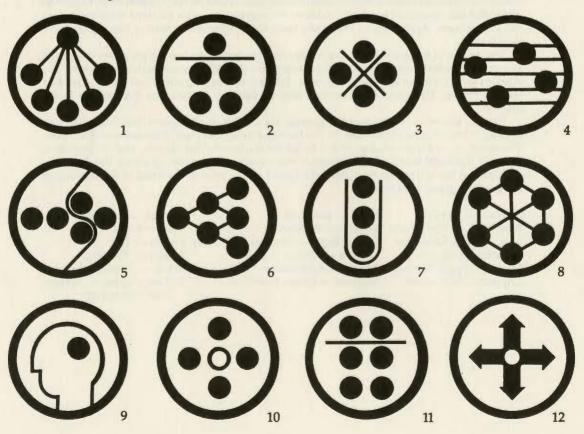
Drab — Business
Green — Medicine
Green Sage — Phys
Lemon — Library S
Maize — Agricultus
Maroon — Home E

Drab — Business
Green — Medicine
Green Sage — Physical Education
Lemon — Library Science
Maize — Agriculture
Maroon — Home Economics
Orange — Eng
Pink — Music
Purple — Law
Scarlet — Theo
White — Arts a
Yellow, Golden

Orange — Engineering
Pink — Music
Purple — Law
Scarlet — Theology
White — Arts and Letters
Yellow, Golden — Science
and Technology

Banner Design

- 1. The education symbol used for the Doctor of Education, the Specialist in Education and the Bachelor of Arts in Education degrees, as well as the College of Education, represents the teacher-student communication.
- 2. The symbol for the Master's degree represents further study beyond the first four years.
- 3. The four circles for the Bachelor of Arts degree denote four years of study.
- 4. The Bachelor of Music and Master of Music degrees are represented on a musical staff.
- 5. The symbol for the Bachelor of Technology and Doctor of Technology incorporates an industrial and mechanical motif.
- 6. The area of Business is symbolized by circles in a chain of growth and development.
- 7. The design of circles in a test tube represents the Sciences.
- 8. The symbol for the Fine Arts evolved from a color wheel and developed into a representation of all the arts and their common unity.
- 9. A symbol of the human mind represents the field of Social and Behavioral Sciences.
- 10. The centering represents the campus and the four circles represent all campus study for the Bachelor of Liberal Studies degree.
- 11. The symbol for the Specialist degree represents further study beyond the Master's level.
- 12. The symbol for Continuing Education and Special Programs represents campus outreach and educational growth.



University Organization

Undergraduate degrees at the University are offered through five colleges and Continuing Education and Special Programs. Graduate degrees are conferred by the Graduate College.

College of Business Administration

Accounting Business Teaching Economics

Marketing
Office Information Systems

Management

College of Education

Community Health Education Community Recreation Early Childhood Education Elementary Education Health Education Middle School/Junior High School Education Physical Education Safety Education Special Education Therapeutic Recreation

College of Humanities and Fine Arts

American Studies
Art
Communication/Public Relations
Communication/Radio & TV
Communication & Theatre Arts
English
English and Foreign Languages
English Linguistics
English Linguistics/Modern Languages
French
German

Music Education
Music/Performance
Music Theatre
Music/Theory-Composition
Philosophy
Religion
Russian Area Studies
Spanish
Speech/Language Pathology
Theatre Arts
Teaching English to Speakers of Other
Languages (TESOL)
TESOL/Modern Languages

College of Natural Sciences

Latin American Studies

Humanities

Music

Biology
Biotechnology
Chemistry
Chemistry-Marketing
Computer Science
Computer Information Systems
Construction
Earth Science
Energy and Power Technology
General Industry and Technology

Geology
Graphic Communication
Industrial Technology
Manufacturing Technology
Mathematics
Natural History Interpretation
Physics
Science
Technology Education
Vocational Technical Education

College of Social and Behavioral Sciences

American Studies
Anthropology
Asian Studies
Criminology
Geography
History
Home Economics

Latin American Studies Political Science Psychology Public Administration Social Science Social Work Sociology

Continuing Education and Special Programs

Bachelor of Arts General Studies General Studies — Nurses Individual Studies Bachelor of Liberal Studies

Graduate College

All graduate degree candidates are listed under the Graduate College

University Commencement Committee

Robert D. Leahy, Chair Jay Edelnant Jim Egli Clark Elmer Judith Harrington William Shepherd Robert J. Simpson Gordon Timpany

Program: Judith Harrington, Chair; Irene Elbert; Robert D. Leahy; Robert Simpson; Susan Chilcott

Production and Processional: Gordon Timpany, Chair; Jay Edelnant; Clark Elmer; Philip Patton; William Shepherd, Jim Egli

