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THE

ONE HUNDRED AND THIRTEENTH COMMENCEMENT

WASHINGTON UNIVERSITY

NINE O'CLOCK SUNDAY MORNING

MAY THE NINETEENTH, NINETEEN HUNDRED SEVENTY-FOUR

SAINT LOUIS, MISSOURI

America

1

My country, 'tis of thee
Sweet land of liberty
Of thee I sing;
Land where my fathers died,
Land of the pilgrim's pride,
From every mountain-side
Let freedom ring.

4

Our Father's God to Thee
Author of liberty,
To Thee we sing;
Long may our land be bright,
With freedom's holy light;
Protect us by Thy might,
Great God, our King.

A Note on Academic Dress

The academic dress worn by Faculty and candidates indicates the degree held, the subject in which it is held, and the institution granting it. Gowns are of three kinds: the Bachelor's, with full, pointed sleeves, hanging open; the Master's, with flowing sleeves which hang below the opening at the wrist; the Doctor's, with very full sleeves gathered at the wrist. The gowns are black, although occasionally trimmed with colored velvet; the hoods, on the other hand, are of many colors. The color of the lining of the hood indicates the institution granting the degree: e.g., the hood of Washington University is lined with red and green. The color of the tassel on the cap and of the velvet edging of the hood, carried forward around the throat, indicates the faculty or major department:

White—Arts, Letters, Humanities
Orange—Engineering
Lilac—Dentistry
Drab—Business
Dark Blue—Philosophy
Brown—Fine Arts, Architecture, Interior Design
Golden Yellow—Science
Purple—Law
Green—Medicine
Pink—Music
Citron—Social Work
Light Blue—Education

Gold tassels and black tassels, when worn, indicate degree rather than faculty or major department. Thus gold indicates the Ph.D. degree and black indicates the Master's degree.

Academic dress markedly different from the above description indicates a degree from a foreign university.

The Alma Mater

1

Dear Alma Mater,
Thy name is sweet to me.
Our hearts are all for thee,
    Fair Washington.
Thy halls shall honored be
Throughout this great country
For all eternity,
    Our Washington.

2

Those days of youth which
All of us spent with thee
Form a dear history,
    Fair Washington.
Could they renewed be,
We'd live our days with thee
For all eternity,
    Our Washington.

Order of Procession and Presentation

GRAND MARSHAL ..... Robert Wiber Reinhardt

FACULTY DIVISIONS

I Chancellor, Chairman of the Board of Trustees, Speaker, Honorary Degree Recipients, Members of the University Administration

ASSOCIATE GRAND MARSHAL ..... Joe Freeman Evans

II Deans and Members of the Board of Trustees

MARSHAL ..... John Kenneth Russell

III Members of the Faculty

MARSHAL ..... Gloria Waters White

IV Announcers

MARSHAL ..... Robert John Benson

STUDENT MARSHALS

Divisional flags are being carried by the student marshals of each division who wear red and green tassels. Red and green denote the colors of Washington University. The seal on the flag is the official seal of the University and the color denotes the degree.

I Doctor of Philosophy
Doctor of Education

MARSHALS ..... Ronald Fred Levy
Robert Roy Hollander

II Master of Arts
Master of Arts in Teaching
Master of Arts in Education
Master of Science in Speech and Hearing
Master of Music
Advanced Graduate Certificate in Education

MARSHALS ..... Victor Duzerah Phillips III
Lucille Brown Mitchell

III Doctor of Medicine

MARSHALS ..... Bruce Charles Broudy
Patricia Ann Penkoske

IV Master of Health Administration

MARSHAL ..... Lester James Roundtree

V Bachelor of Science in Occupational Therapy
Bachelor of Science in Physical Therapy
MARSHALS ..... Mark Jerome Gayer
Debra Kay McGrew

VI Master of Science in Orthodontics
Doctor of Dental Medicine
Doctor of Dental Surgery
MARSHALS ..... Jacob William Jorishie, Jr.
Arthur Elliot Wollman

VII Master of Laws
Doctor of Law
MARSHALS ..... Ellen Lavelle Fowler
John Edward Harris III
Michael Howard Lax

VIII Doctor of Social Work
Master of Social Work
MARSHAL ..... Neppie Yolanda Burwell

IX Master of Fine Arts
Bachelor of Fine Arts
MARSHALS ..... Nancy Lynne Ericka Beckman
Barry Charek Tilson

X Bachelor of Science
Bachelor of Science in Speech and Hearing
Bachelor of Technology
MARSHALS ..... Carol Ann Brouse
Kenneth Sinclair

XI Master of Business Administration
Bachelor of Science in Business Administration
MARSHALS ..... George William Joseph Daignault
Mary Jo Sawicki

XII Master of Architecture
Master of Architecture and Urban Design
MARSHAL ..... Tim Alan Risley

XIII Doctor of Science
Master of Science
Bachelor of Science (Engineering)
MARSHALS ..... Bruce Edward Rittmann
James Allan Greenfield
Daniel James Sucher

XIV Bachelor of Arts
MARSHALS ..... John Edward Chubb
Lee David Cranberg
Andrea Lynn Glassner
James Alan Simon
Peggy Marie Tobolowsky

Recessional will follow the same order as the presentation.

Order of Exercises

Academic Procession .....Howard Kelsey, University Organist

assisted by the
Washington University Brass Quartet

America

HENRY EARL ANDERSON

Remarks

CHARLES ALLEN THOMAS
Chairman of the Board of Trustees

Address

DEWITT STETTEN, JR.
Deputy Director for Science,
National Institutes of Health

"The University and Its Professional Schools"

Conferring of Degrees

WILLIAM HENRY DANFORTH
Chancellor of the University

The Alma Mater

HENRY EARL ANDERSON

Recessional .....Howard Kelsey

assisted by the
Washington University Brass Quartet

The audience will please remain seated while the academic procession enters the Quadrangle. At the conclusion of the ceremonies, the audience will remain seated until the procession has left the Quadrangle.

THE COLLEGE OF ARTS AND SCIENCES

Candidates Presented by
BURTON MAYNARD WHEELER, Ph.D., Dean

BACHELOR OF ARTS

May 19, 1974

Richard Arthur Abrams
Cathy Lynn Alpert
Robert Leslie Andrews
Carla Maria Badaracco
Mark Scott Baicker
Shari Rae Baldinger
Suzanne Barclay
Steven Barlow
Brian William Bassindale
Kenneth William Bean
Andrea Lynn Belloff
Charles Louis Belloli, Jr.
Jamie Berger
Thomas Anthony Berger
Mark Arthur Bergup
Lauri Ruth Berkson
James Berns
Larry Richard Bernstein
Thomas Favor Bird
Judy Ruth Birnbrey
Robert Alvin Bivins
Babette Nadine Black
William Dennis Blaker
Martha Jeanne Bloodsaw
Susan Deborah Blumberg
John Alan Boerner
Daniel William Boxx
James Erwin Branahl
Debby Ann Braun
Timothy Patrick Bregenzer
Harry Hugh Britwar
Rayna Gayle Brody
Gale Thomas Brooks
Craig Jeffrey Brown
Merrill Mark Brown
Anne Brubaker
Cynthia Kaye Bude
James Evan Callanan
Cherie Rena Cannon
Percy Stephen Cardona
Janet Louise Chan
David Stuart Chapman
John Calvin Chatlos, Jr.
Sam George Cho
Joseph Chung Wah Chong
Janice Louise Click
Harve Stuart Cohen
Susan Jane Cohen
Patricia Ann Colchamiro
Peter Alan Cole
Norma Esther Colón Muñoz
David Philbrick Conner
Jennifer Lee Cowles
Janet Lynn Crane
Stephen William Crawford
Marvin Benjamin Crider
Bruce Frederick Crowe
Cristina Eugenia Cuevas
Anita Elaine Daniels
Donna Sue David
John Patrick Day
Arthur Edward D'Harlingue
Jerome Joseph Dobson
Paul Michael Donatt
Patricia Renee Doner
Michael Sandy Dopkin
Margery Ann Doppelt
Denise Maue Dreyfus
Stephen Philip Dunn
Charles Myron Eichler
Janet Eleanor Eime
Ronald Jay Einbender
Andrea M Elfin
Susan Frances Elwyn
Carol Joan Eron
Joseph Leo Eschbacher
Jannis Kaye Evans
Rhoda Carol Facher
Jeffrey Brent Farb
Sarah Ellen Fast
Marcus Fechheimer
Kay Emil Feldman
Edwin Glenn Ferrell
Edward Edwin Figlewicz, Jr.
Sherry Jean Fink
Mark Alan Finsmith
Daniel James Finucane, Jr.
Lawrence Norman Fishman
Linda Judith Folkman
Kristina Lanphear Follrath
Karen Michele Forrest
Pamela Gibney Swagart Fowle
John Thomas Fox
Russell Alan Frank
Jerrold Barclay Frankel
Alice Weil Franklin
Michael Edwin Frederich
Amy Ruthe Friedman
Mark Dennis Friedman
Vera Fulgham
John Scott Furst
Bruce Fletcher Gamble
Joel William Ganek
Elizabeth Sue Fink Garland

Glen Edward Garrett
Andrew Noah Gellis
Maidy Lee Giber
Martha Janette Gibson
Richard Lee Gibson
Susanne Gidan
Sally Marie Gifford
Judith Agnes Gladney
Margaret Estelle Goehring
Barbara Nan Goldsmith
Alan David Goldstein
Debra Ruth Goldstein
Frances Marjorie Golombek
Stuart Richard Goodale
Susan Diane Goodman
William Mac Goodwin, Jr.
Debra Joy Gordon
Donald Richard Green, Jr.
Donald Greenstein
Alan J Greenwald
Karl Anthony Grice
Robert Frederic Grodman
Gary Leitner Gross
Nancy Hynson Grove
Steven Russell Hager
Barbara Lynn Halpern
Robert James Hannon
Patrick John Harder
William Joe Harper
Patricia Faith Hayflich
Joseph Daniel Hecht
Judith Ann Hecker
Edward Mark Heine
Susan Elizabeth Hendry
C Beatrice Hill
Katherine Ann Himelhoch
Bruce Edwin Himmelreich
Amy Susan Hirson
Richard Eric Holmer
Jyll Fern Holzman
Sande Elizabeth Howard
Barbara Jane Huss
Ilene Beth Slavick Ingelmo
Mark David Irwin
Bruce David Jacobs
Kathy Jacobs
Lorin Anne Jerome
Deborah Ann Johnson
Gwendolyn Johnson
Janine Johnson
Augustin Holbrook Jones
Terrill Harlan Jones
Shelby Lewis Jordan
Sandra Jean Kanin
Harold Alan Karabell
Bruce Allan Karp
Madalyn Ann Kasnetz
Gay Beth Katz
Joel David Katz
Ralph Mathew Kaywin
Morris Kearse
Mary Frances Kennedy
Elizabeth Ann King
Katherine Ann Kinsley
Joan Alice Kirchheimer
Paul M Kirschenfeld
Elizabeth Bram Kleban
Jerrold Bruce Kluchin
Steven Newell Knight
Deborah Kay Knoke
Wayne Chester Koff
Adrienne Sue Koopersmith
William Stanley Kotasek, Jr.
Diane Beth Kraft
Ann Karen Krasne
Richard Mark Kroeker
Mark Lawrence Kugman
Scott Irving Lampert
JoAnn Landesberg
Marsha Lynn Lane
Glenn Frank Lang
Nancy Sue Larick
Judith Anne Lavine
Douglas Lebeau
Craig Louis Lecce
Irene Lucille Lee
Jack Ira Lens
Willie Frank Lester
Kenneth Daniels Levien
Michael David Levin
Alvah Marc Levine
Anne Lois Levine
Michael Harry Levine
Sally Lynn Levine
Cynthia Gail Levitt
Dolores Ellen Ransom Lewis
Gary Stephen Lewis
John Halliday Lewis, Jr.
Nancy Rochelle Lipsitz
Marc Ira Lipton
Peter Louis Litzow
Steven A Loewy
Susan Tamara Loman
Carl Lee Londe
Harry Gregory Luzecky
Thomas Francis Maher III
Mary Kathleen Majerus
Terry Joseph Manning
Beverly Ann Mapp
Nancy Jane Marakas
Stanley Norman Margul
Robert Jackson Maurer
Marjorie Helene Mayer
Michele Marie McLaughlin
Jane Correll McNamee
Danny John McNew
Gregory Wynn McQuerter
Robert Bordon Mellman
David Matthew Melrod
Hannah Marie Mesnik
Lawrence Martyn Metcalf
Barbara Susan Metzger
Lee Meyerhoff

Lynn Betty Meyers
Sandra Jo Milberg
Carl Felix Miller, Jr.
Carol Jennifer Miller
Christine Ruth Miller
Enid Miriam Miller
James Darrell Miller
Philip Grayer Mintz
Gregory Lamont Mixon
Howard Paul Mock, Jr.
Dennis Montgomery Monasebian
James Louis Morgan
Linda Sue Mueller
Carl Richard Mulfinger
Debra Beth Munves
Gay Chisako Murashige
Catherine Sheila Murphy
Nancy Emmet Murphy
Vicki Jean Murty
Elizabeth Harriet Naumburg
Regina Antoinette Licata Nelling
William Henry Neu
Cathy Jane Neuman
Jay Marshall Newman
Ronnie Iva Newman
Sheck Hung Ng
John Wesley Nichols III
Harley Nelson Noland
Candace Kay Noonan
Margaret Eileen Noonan
Mark Douglas Novick
Nadine Valeria Nunn
Jody Haas Nusinow
Michael Philip Ober
John Fredrick O'Reilly
Gregory Mark Osburn
Richard Alan Ott
Charles Patrick Maxwell Outwin
Amy Ellen Papian
Barbara Parvis
Brenda Elaine Patton
Susan Claire Patz
Gary Phillip Paul
Ronald James Peil
Claude Wesley Perkins
Joyce Thelma Perry
Steven Jay Phillips
Jeffrey Thomas Pietz
Meredith Ann Pogal
James Michael Pruitt
Donald Raymond Pujol
Eric Lawrence Raisher
Glenn Robert Randall
Laurie Ellen Raskin
Douglas Wayne Rauss
Barry Stuart Reese
Bonnie Lee Resnick
Robert Mahler Reynolds
Natalie Sue Rimerman
James Harold Risch
Katherine Estelle Risch
Cathy Gail Robinowitz
Barbara Ann Roeder
James Craig Rogal
Gary Roller
Stephen Michael Rose
Edith Anne Rosen
Howard Ely Rosenbaum
Joshua Carl Rosenberg
Lloyd William Rosenberg
Lynn Merle Rosenthal
Marc Bernard Rosenthal
Jill Scott Rosholt
Leonard Barry Rosman
David Rotenberg
Stephen Rothenberg
Russell Jamin Rothman
Ellen Judith Rozenfeld
Michael Spence Ruben
Jody Alan Rubenstein
Paul Rubenstein
Daniel Mark Rubin
Richard James Rudelic
Ilene Abby Safyan
Sander Barry Saidman
Patricia Ann Samuel
Charles Arthur Sandford
Valerie Jane Sandler
Jan Louise Saper
Mark Steven Sargent
Ronald Alan Satnick
Vicki Jo Scheidt
Robert Lawrence Schiff
Jed Richard Schlacter
Eric Michael Schlosser
George Francis Schuette
Peter Hayo Schuette
Paul Richard Schulick
Alan Charles Schulman
Howard Bruce Schwadron
Karen Sue Schwadron
Lorri Ann Schwartz
Sandra Marian Schwartz
Susan Gail Schwartz
August Joseph Scialfa, Jr.
Gary Lee Scott
Mitchell George Scott
Linda Louise Seeger
Michael Wayne Shannon
Martin Philip Shimmel
Howard Newton Short
Craig Van Sloane
Donald Christopher Smith
Olabisi Ireti Oyegbemi Sobomehin
Carol Jean Sody
Fred Ronald Solomon
Thomas Peter Sommer, Jr.
Stuart Philip Sondheimer
Katherine Ann Stegeman
Jonathan David Stein
Deborah Lee Stephens
Terry Albert Stewart
Sydney Dana Stiebel
James Fairman Stifler

Jane Glasgow Stokes
Judy Ann Stone
Renée Susan Stovsky
Mary Margaret Strouse
Russell Raymond Suda
Terese Ann Sullivan
Jan Robert Sussman
Jay Alan Suttenberg
Thomas Walter Swensson
Catharine Jane Tabb
Robert Marc Tebeleff
Keith Alec Tepperman
David Anthony Thacker
John Frederick Theen
Katherine Lee Thurmond
Thomas Llewellyn Tinker
Peter Scott Tipograph
Jean McClearen Tolmach
John Paul Tucci
Ellen Sue Unger
Elissa Regina Urvater
Mark Lewis Vandewalker
Debra Lynn Van Engelen
Robert Gerard Vavra
Louis Alberto Viamontes
Jon Bradford Victor
Rebecca Ann Viscuso
Mark James Vranizan
Steven Gary Wager
Jeffrey Abraham Wallens
Marion Frances Wanless
Lloyd Marston Wanveer
Stuart Leslie Watkins
Lois Bradt Weber
Lynn Barth Wechsler
Sally Ann Weigler
Marla Adrian Weiner
Mary Ellen Welsh
Steven Michael Wexler
Mary Alice White
Yvonne Annette Swindall Whiters
Helen Sandra Wiener
Gary Lee Wilson
Rita Levon Wilson
David Abraham Winston
Melinda Ann Wolf
Julie Ilene Wolfe
Susan Adele Woll
Joan Ellen Yaffe
Marsha Lu Yancy
Alexander Gooding Yard
Karen Paula Yellen
Nancy Susan Yurman

cum laude

Robert Bruce Allen
James Douglas Ausfahl
Catherine Baker
Bob J Bleicher
Christina Spencer Boone
Douglas Edward Borg
Mary Deloris Brantley
Michael John Cunningham
Thomas Michael Donohue
William Christopher Downey
Robert A Fisher
Leonard Jay Fishman
Susan Ellen Frankel
Robert Earl Gardner
Andrea Lynn Glassner
Julie Glenn
Robert Warren Goldmann
Scott Bennett Goldstein
Clyde Dahner Greaves
Charles John Hakemack
William Lloyd Hansen
Brent Wendell Hathhorn
Eric Charles Hensic
Daniel Vincent Jones
Steven Henry Kaplan
Michael Kenneth Kaufman
Kenneth Alan Levine
Lloyd Bruce Levy
Thomas Allen Lorance
Laurie Ann Luxner
Daniel Seth Margolies
Mark Jay Meister
Robert Fumio Murashige
Debra Anne Nazar
John Timothy Oldham
Bruce Allen Oppenheim
Caren Beth Peaceman
Mark Richard August Pfaff
Roy Howard Phillips
Stewart H Reich
Julie Ellen Salter
Diane H Schaar
Karl Joseph Schmitter
Mary Jean Schrage
David Alan Shapiro
Joan Ellen Shapiro
Richard Grove Sharkey
Susan Kay Sherman
Harvey Norman Silverman
Richard Bruce Spector
Frances Fountain Stokes
Nancy Ellen Weiss
Janet Doerr Wilson
Gail Ellen Yarnell

magna cum laude

Patrick David Connolly
Lee David Cranberg
Rebecca Romano D'Harlingue
Craig Eugene Ellis
Diane Travis Feldman
Harry Alan Frankel
Gwendolyn Anne Fyfe
William Timothy Garvey
Stephen David Husband
Michael Robert Isikoff
Alexander Karagiannis
Evan Don Kossoff
Glenn Morton Kramer
Terry Himes Lattanzi
Jeffrey Edward Lazarus
Larry Scott Levinson
Sheryl Jean Lincoln
Michael Arthur Lindner
John Louis Magnani
Kathleen Elizabeth Mahan
Keith Patrick Masterson
Warren Stanley Neidich
Philippa Susan Patrick
Julie Elizabeth Prins
Gerald Carl Rottenberg
Michael Robert Rubin
James Joseph Sherman
Jethroe Joseph Smith
Susan Deborah Snell
William Levin Steinberg
Richard Erik Swanson
David Hillel Terman
Mark Stephen Tinsley
Pamela Anne Ware
Vanessa Jean Weaver
James Barry Weinstein
Dennis Edmond Wieczorek

summa cum laude

Michael Edwin Brown
James Emory Childs
John Edward Chubb
James Arthur Cohen
Frederick Joseph Eccher, Jr.
Joseph Joel Elterman
David Bruce Emmes
Pamela Frances Gallin
Edwin Warren Gould
Stephen Ira Halper
Charles Stephen Kriegh
Kwong-Fai Kwong
Daniel Raymond Lattanzi
Joseph Paul Lawrence
Charles Michael Miller
Suzanne Marie Mizera
Patrick Lynn Molt
Nancee Ellen Moster
Frances Irene Nathanson
Julian Louis Puretz
David Norman Reznick
Kenneth Lawrence Rock
Debra Sue Rubenstein
Marc Hudson Schieber
Nancy Riva Shatzman
James Alan Simon
Jane Margaret Sneider
Paul Harold Theerman
Peggy Marie Tobolowsky
Elaine Frances Walker
Gary Alan Willer

December 22, 1973

Jane Barry Acri
Michael Richard Allweiss
Bruce Elliot Berr
Eric Saul Berzon
Charlotte Frances Boman
Mitchell Alan Bring
Susan Ruth Brochin
Barrett Christopher Burdick
Michael Alan Burgin
Edward Randy Chelist
Christopher Clark
Daniel Howard Clark
Susan Lee Colby
Richard Kendall Cook
Claudia Elizabeth Covalt
David Mark Cowan
Dorian May Davis
Daniel Jude Diplacido
Richard Lee Dullum
David Leslie Dunlap, Jr.
Iveta Dzelzitis
Lynn Eisenberg
David Ernest Fischer
Marilyn Frank
Cathy Ellen Freedman
Roger Jay Friedman
Ruth Friedman
Sally Anita Frielingsdorf
Stephen Glick Galston
Jacquelene Gannet
Sherry Eileen Glazer
Heidi Glow
Carol Ann Goldman
Karen Sue Jacobs Goodman
Daniel David Goran
Ellen Gardner Hartman

Richard Thomas Heafey
Karen Bryan Henoch
Douglas Allen Hergert
Carole Ann Hochman
Dwight Beebe Homer
Jane Beth Horowitz
Thomas Anthony Ioppolo
Clyde Hideo Ishii, Jr.
Sharon Yvonne Cradic Janis
Lee Michael Katims
Adina Yafa Kling
Richard Phillips Koch
Annette Maxine Kohn
Barbara Sue Krekeler
Catherine Jeanne Kunza
Norman David Kurz
Mary Hicks Langley
Lisa Lederer
Martha Ruth Lessman
Carol Ann Levine
Robert Mark Levine
Jenny Levis
Russell Eugene Lewis
Eilene Lichtenberg
William Arnold Lieberman
Michelle Elyse Lifton
Isabel Lois Lipton
Meera Mehta
Marc Arnold Melamed
Candice Rae Meyers
Steven Jeffery Morris
Cathy Lyn Netter
Clem Valentine Isioma Okolie
Laurie Fran Patlin
Michael Howard Phillips
Toby Gayle Radasky
Linda Susan Raybin
Marc Howard Render
William Andrew Renie
Ronald Morton Rettner
Jerilyn Rogin
Gail Ruth Rogovin
Michael Jay Roselman
Dorien Ross
William Thomas Roswit
Karen Robin Rothstein
Cathy Lee Sachs
Richard Craig Sadove
Ellen Claire Samuels
Gary Leff Schaps
Joyce H Schlesinger
Janet Lee Fram Self
David Hillel Seligman
Susan Ellen Shapiro
Lee Charles Shaw, Jr.
Maurice Louis Shevin
Lynn Sachiko Shimamoto
Sarah Jane Singer
Michael Sherrod Siskind
Donald Alan Skor
David Henry Small
Andrea Nora Sobie
Mary Helen Spooner
Mary Ann Steinhart
Aimee Marie Taube
Marianne Gillman Thomas
Nicholas Gregory Vahlkamp
James Francis Vezeau
Lelia Ana-Maria Voiculescu
Alan Max Volpe
Matthew Victor Warschauer
Claudia Ann Wilson
Whitney Baker Wolf
William Thomas Young
Marianne Zimmerman

cum laude

Solomon Jay Cherrick
Jean Greenblatt
Lynne Pepi Kriegsfeld
Jane Carol Laubheim
Marie Alice Lindner
Michael Forman Rubin
Steven Allen Saltz

magna cum laude

Beth Lee Altman
Laurie Jean Farnham
Ruth Ellen Mayers
Peggy Rose Michelson
Cathryn Resnick
Kathy Ann Shelton

summa cum laude

Richard A Hainbach
Dale Jordan Jaffe
Richard Maynard Katz

Jeffrey Jay Baron
Randy Lee Birer
Cynthia Mitchell Black
David Charles Campbell
Robert Lawrence Caplan
Susan Lynn Chapman
Cecelia Ann Downs Clauss
Edward David Cohen
Marcia Cowles Cori
Gary Steven Covitt
Daniel Lee Crimmins
David Niel Damick
Samuel Daniel Dednam
Piper Lee Durrell
Robert Steven Esworthy
Ralph Edward Everett
Bernice Franklin Filcoff
Steven Edward Finer
Ann Catherine Finney
Alfred James Fisher, Jr.
Frank Joseph Flood
James Sue-Loong Fong
Elise Charlotte Johansen Franco
David Scott Frenkel
Peggy Sue Gerber
Harold Scott Gold
Marcy Phyllis Goldsmith
Laurence Jay Goodman
Sally Jo Gordon
Carol Ann Griffin
Eric Kenneth Gross
Deborah Haecker
Michael Stephen Hahn
Albert Mark Hammerman
William M Harris
William Alexander Jadkowski
William Lawrence Jones
Steven Craig Kohl
Maralin Donna Krawll
Jerry Michael Kugler
Katherine Kuhne
Ellen Jane Kutten
Steven Richard Landaal
Carol Olga Lang
Joyce Ting Leung
Sheila Mae Lieber
Susan Beth Light
Deborah Elizabeth Lyon
Edward Morris Melvin
Patricia Ann Mundy
Merridy Hale Naugle
Thomas Mandell Newmark
Andreas Alexander Nowara
Jonathan Marc Pincus
Marsha Hoppes Pratt
Joseph Andrew Riedel, Jr.
Max Albert Rigendinger
Louis George Rivera, Jr.
Donald Allen Rubinstein
Ruth Cheryl Saunders
Lizbeth Schlesinger
James Zachary Schwartz
Carol Anita Givhans Shaw
Stanley Ava Skinner
Donald Frederick Sloane
Catherine Dahlem Smith
David Reed Stein
Robert Allen Stien
Wade Forest Swartz
Emily Hart Todd
Jay Howard Tureen
Alice R Udenfriend
Elias Panos Vlanton, Jr.
Judith Claire Voos
Gunther Weimann
Myles Benson Weiner
Christopher Schniewind Weller
Christopher Minot White
Eugenia Louise Wiegand
John Joseph Wiese
Betty Gail Yoches

cum laude

Marc Stephen Palay

magna cum laude

June Lillian Sanford

THE SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Candidates Presented by
JAMES MORGAN MCKELVEY, Ph.D., Dean

BACHELOR OF SCIENCE IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

May 19, 1974

Gilad Bashani
Thomas Leo Bugnitz
Gerry Lee Callahan
James Allan Greenfield
Nancy Patrice Hamilton
James Edward Hronek
Lowell Robert Huff
Karen Sue Kakos
Larry Neal McCord
Joyce Helen Montwieler
David Eugene Patterson
Michael George Pitonak
Michael Leonard Powell
David Joseph Rossetti
Emil David Scheifler
Kim Robert Stevens
Daniel James Sucher
Patricia Andrea Walton
Reinhold Alfred Zeidler, Jr.

December 22, 1973

Monte Allan Cely
Christine Dickson Coaker
Richard Vincent Dietrich
Geaken Mok Loo
Laura Estela Silguero

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

May 19, 1974

Bernard Conrad Bosse
Gregory Gerard Crnkovich
Kurt Alan Feichtinger
Ollie Christopher Fisher
Samuel Ward Graefe
Robert Alan Hardwick
James Kenneth Harlan
Kwong-Fai Kwong
Mark Eugene Landiss
Robert Darlington Shelton
Louis Alberto Viamontes
John Robert Wright

December 22, 1973

George John Apanel
Mark Jay Levin
James Franklin Rogers

August 17, 1973

Michael Edward Getty
David Robert Meyer

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

May 19, 1974

Gilad Bashani
Robert Phillip Buechler
Joseph Ray Davidson
Joseph Aloysius Dunn, Jr.
Joseph Lee Hutchins, Jr.
Nizar Abdul Majied Jamjoom
Paul Alexander Miller
Bruce Edward Rittmann
Ralph Bernard Schroedel, Jr.
Thomas Henry Stegmann

December 22, 1973

Joshua Chia-Hsing Su

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

May 19, 1974

Richard Anthony Becker
Edward Jerome Donegan, Jr.
James Allan Greenfield
Brent Alexander Hardesty, Jr.
Linda Candace Hess
Mohamed Samir Ismail
Mona Ezzeldin Ismail
Gerald Robinson Keller
Gregory Charles Ladden
Stewart Edward McAdams
Leon Montague McCormick
John Joseph Minnick
Daniel Keith Nichols
John Ernest Peckinpaugh, Jr.
Lee Richard Pedowicz
Mark Brian Portnoy
Michael Leonard Powell
Jeffrey Charles Rahmberg
Timothy Dale Scheiter
John Butler Schweitzer
Kim Robert Stevens
Daniel James Sucher
Chi-Sung Zee-Cheng

December 22, 1973

Richard Allen Forsberg
Craig Alan Norberg

August 17, 1973

Ronald Mills
Joseph Andrew Riedel, Jr.

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

May 19, 1974

Deborah Lynn Mabes

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

May 19, 1974

Paul Frederick Black
John Michael Bubb
Michael Philip Dark
Dale Edward Doerr
Keith Jerome Holliday
Roger Frederick Kiesling
Gerard Joseph Maynard, Jr.
Mark Brian Portnoy
David Michael Prokopchuk
Douglas Walter Vogt

December 22, 1973

Robert Francis Boland, Jr.
Michael Jack Finley
José Gerald French
Francis Joseph Shea, Jr.

August 17, 1973

Alan Edward Sloka

BACHELOR OF SCIENCE IN PHYSICS

May 19, 1974

David William Larson
Timothy Dale Scheiter
Celia Elizabeth Yeack

August 17, 1973

Mark Stephen Conradi

BACHELOR OF SCIENCE

May 19, 1974

John Alan Boerner
Pamela Frances Gallin
Bruce David Goldenberg
John Joseph Madras
Robert William Meyer
Ralph Herman Niemann
Russell Davis Potter

December 22, 1973

James Urey Korein

THE HENRY EDWIN SEVER INSTITUTE OF TECHNOLOGY

Candidates Presented by
JAMES MORGAN MCKELVEY, Ph.D., Director

MASTER OF SCIENCE

May 19, 1974

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Amy Teresa Chiang, A.B. cum laude, Washington University
Denise Marie Corcoran, B.A., Canisius College
Gary Martin Gilbert, B.S., The University of Michigan
Kenneth Stuart Goldman, B.A., Southern Illinois University
Keith Albert Huckshold, B.S.E.E., Washington University; M.S., ibid.
Steven Alan Jones, B.A., Knox College
Khalil Mohammed Niazy, B.S., Central Missouri State College
John Philip Rankin, B.S. (hons.), University of Illinois

IN BIOMEDICAL ENGINEERING

Ferydoon Bekhrad, A.B., Saint Louis University

IN CHEMICAL ENGINEERING

David Vincent Bacehowski, B.S.Ch.E., Tri-State College
James Austin Felts, B.S.Ch.E., Northwestern University
Michael Floyd Huebner, B.S.Ch.E., University of Washington
Mark Jay Levin, B.S.Ch.E., Washington University
Janet Marie Stevens, B.S.Ch.E. (hons.), Northeastern University
Gottipati Tyagamohan, B.Engr., The Birla Institute of Technology and Science; M.Tech., Indian Institute of Technology

IN CIVIL ENGINEERING

Haluk Çeçen, B.Sc., Middle East Technical University
Amitava Ganguly, B.Tech. (hons.), Indian Institute of Technology; M.Tech., ibid.
Bruce Edward Rittmann

IN CONTROL SYSTEMS

Debashis Banerjee, B.Tech., Indian Institute of Technology, Madras; M.S., Rose Polytechnic Institute
John Ray Broussard, B.S.E.E., The University of Southwestern Louisiana
Peter Yiu-Sum Cheng, B.Sc., Queen's University
Wing Cheuk Leung, B.S.E.E. (hons.), Ohio University; M.S., ibid.
Mike John O'Brien, B.S.E.E., Carnegie-Mellon University
Vernon Luter Trevathan, Jr., B.S., Mississippi State University; M.S.E.E., Purdue University
Ivan Hon-Kit Wong, B.S.E.E., Washington State University

IN ELECTRICAL ENGINEERING

William Frederick Betts, B.S., Syracuse University
Thomas Paul Collins, B.S.E.E., Washington University
Donald R Coscia, B.Engr., Pratt Institute
Dilip Kumar Deka, B.Tech. (hons.), Indian Institute of Technology, Kharagpur
David Bruce Marts, B.S.E.E., Washington University
Joe Buatt McCuller, B.S.E.E. (with high distinction), University of Southwestern Louisiana
Craig Oliver Risch, B.S.E.E., Washington University
Lawrence Stephen Sandler, B.S., Cornell University
Feroze Jal Sidhwa, B.Engr., University of Karachi

IN MECHANICAL ENGINEERING

Raymond Edward Suhre, B.Sc., Indiana Technical College

December 22, 1973

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Nadine Ann Bicket Abbott, B.S.Appl.Math. and Comp.Sci., Washington University
Ola-olu Adeniyi Daini, B.A., Ohio Wesleyan University
Harold Yen-Ho Law, B.S.M.E., The University of Texas; M.S.E., The University of Michigan; M.A.Bible, Covenant Theological Seminary
Joanne Markham, B.A., Centre College of Kentucky
Robert Kenneth Miller, Jr., B.S.M.E., Drexel Institute of Technology
Carl Allan Niehaus, B.S.Appl.Math. and Comp.Sci., Washington University
Donald Richard Wessling, B.S.M.E, Washington University

IN CHEMICAL ENGINEERING

Katharine Ku Goldenhersh, B.S. with distinction, Cornell University
Jay Theodore Hargreaves, B.Ch.E. cum laude, Cleveland State University
Ramanathan Vairavan, B. Tech., University of Madras

IN CIVIL ENGINEERING

Ali Hariri, M.Engr., Tehran Polytechnic
Mylo Arthur Pearce, B.S.C.E., Washington University
Ernst Herman Petzold III, B.S.C.E., Washington University

IN CONTROL SYSTEMS

Ariyanayakipuram Kanthimathina Subramanian, B.E., University of Madras; M.Tech., Indian Institute of Technology

IN ELECTRICAL ENGINEERING

Howard Michael Berlin, B.A., University of Delaware; B.E.E., ibid.
Robert Paul Bogott, B.S.E.E., The University of Nebraska
Gary Harold Brandenburger, B.S.E.E., Washington University
Stephen Robert Flach, B.S.E.E., Washington University
Earl J Flynn, B.S., Southern Illinois University
Robert Sheldon Green, B.S. with distinction, Cornell University
Robert Sudduth Hertert, B.S., University of California
Kemal Yilmaz Kocak, B.S.E., The University of Michigan
Robert Dale Logue, B.A., Butler University; B.S.E.E., Purdue University
Boonsong Lujananon, B.S.E.E., West Virginia Institute of Technology
Frederick Charles Moses, B.S.Engr.Sci., Washington University
Richard Gordon Rosenblum, B.S., Rochester Institute of Technology
Louis Paul Rubinfield, B.S., Rutgers—The State University
Thomas William Stagl, B.E.E., University of Dayton
Pei-Te Peter Tao, B.Sc., Chinese Naval Academy; B.E., Chung Cheng Institute of Technology

IN ENVIRONMENTAL AND SANITARY ENGINEERING

Paul Brandt Butler, B.S.Ch.E., Washington University
Charles Alan Carter, B.S.C.E., Washington University
Leo Anthony Ebel, Jr., B.S.C.E., Washington University
Robert Lee Harness, B.S.M.E., University of Notre Dame
Cornelius Joseph Jost, Jr., B.S., Saint Louis University
Henry John Moglia, B.S.I.E., University of Florida
Albert Edwin Peterson, B.S.E.E., Iowa State University; B.S.Ch.E., Washngton University; M.S.Ch.E., ibid.; M.E.A., ibid.; M.B.A., ibid.
Shen An Wang, B.S.E., National Cheng Kung University

IN MECHANICAL ENGINEERING

Alvin Charles Daniell, B.Sc. (hons.), University of the West Indies
Paul Eugene Eaton, B.S.Phys., University of Missouri
Manoj Narayanan, B.S.M.E., Washington University
David Aaron Zigelman, B.A., New York University

IN TECHNOLOGY AND HUMAN AFFAIRS

Michael John Spreitzer, B.A. cum laude, Knox College; M.S., Rensselaer Polytechnic Institute; M.S., The University of Wisconsin

DOCTOR OF SCIENCE

May 19, 1974

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Philip Morris Fishman, B.S. cum laude, Brooklyn College; M.S., New York University
Title of Thesis: Statistical Inference for Space-Time Point Processes

Shirley Janet Smith, B.S., University of Illinois; M.S., ibid.; M.S., Washington University
Title of Thesis: A Numerical Algorithm for the Inversion of a Truncated Laplace Transform with Applications to Biomedical Problems

IN CHEMICAL ENGINEERING

Ronald John Ehmsen, B.S., New York University; M.S.Aero.Engr., Purdue University
Title of Thesis: Augmented Transport in Centrifugally Stabilized Liquid-Liquid Flow Systems: Applications to Artificial Lung Design

Bruce Anthony Whipple, B.S.C.E. (with highest distinction), Purdue University; M.S., University of Colorado
Title of Thesis: Velocity Distributions in Die Swell

IN CIVIL ENGINEERING

Altay Cataloglu, B.Sc., Middle East Technical University; M.Sc., ibid.
Title of Thesis: The Finite Element Stress Analysis of the Human Aortic Valve Toward the Development of a Prosthetic Trileaflet Aortic Valve

Jawed Husain Paliwala, B.E., University of Karachi; M.E., Asian Institute of Technology
Title of Thesis: Plate Stability Analysis by the Constraint Method

Zia Razzaq, B.Engr. (hons.), University of Peshawar; M.Appl.Sci., University of Windsor
Title of Thesis: Theoretical and Experimental Study of Biaxially Loaded Thin-Walled Beams of Open-Section with and without Torsion

IN CONTROL SYSTEMS

Keh-Ping Dunn, B.S., National Chiao Tung University; M.S., Washington University
Title of Thesis: Measure Transformation, Estimation, Detection and Stochastic Control

Medhat Mostafa El-Geneidy, B.Sc., Alexandria University Faculty of Engineering; M.S., Washington University
Title of Thesis: Stabilization of Linear Continuous Systems: An Algebraic Approach

IN ELECTRICAL ENGINEERING

George James Blaine III, B.S.E.E., Washington University; M.S.E.E., ibid.
Title of Thesis: High Speed Digital Communications—A Design Study Applied to the Hospital Environment

IN MATERIALS SCIENCE

Richard Orr Maschmeyer, A.B. cum laude, Harvard College; M.S., The University of Chicago
Title of Thesis: Rheology of Concentrated Suspensions of Fibers

James Emmett Schwabe, B.S.Met.E., Washington University; M.S., ibid.
Title of Thesis: Internal Friction of Maraging Steel in the Kilohertz Region During Aging

IN MECHANICAL ENGINEERING

Kenneth Lawrence Jerina, B.S., University of Illinois M.S., Washington University
Title of Thesis: The Effective Moduli of Three Dimensionally Reinforced Fibrous Materials

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Mars John Gralia II, B.S. (hons.), Rose Polytechnic Institute; M.S., ibid.; M.S., ibid.; M.S., Washington University
Title of Thesis: Optimization of Repetitive Control Structures

Gary Raymond Reeves, A.B., Washington University; M.S., ibid.
Title of Thesis: Nonconvex All-Quadratic Programming

IN CHEMICAL ENGINEERING

Joseph John Chaback, Jr., B.S.Ch.E. (hons.), Lehigh University; M.S., Washington University
Title of Thesis: Statistical Thermodynamics of Liquids and Liquid Mixtures; Prediction of the Configurational Helmholtz Free Energy

Sheau Van Kao, B.S.Engr., National Taiwan University; M.S., Washington University
Title of Thesis: Effects of Solid Particle Surface on the Rheology of Suspensions

Darwin Albert Novak, Jr., B.Ch.E., Cornell University; M.S., Washington University
Title of Thesis: Thermodynamics of Alcohol-Water Solutions

IN CIVIL ENGINEERING

Mohammad Iqbal, B.Sc., The West Pakistan University of Engineering and Technology; M.Sc., Middle East Technical University
Title of Thesis: Post-Crushing Behavior of Reinforced Concrete

Richard Darrel Lowrey, B.S.C.E., Washington University; M.S., ibid.
Title of Thesis: Biomechanical Analysis of Stiff Finger Joints

IN CONTROL SYSTEMS

Ibrahim Abd El-Salam Awad, B.Sc. with distinction, Alexandria University M.Sc., ibid.; M.S., Washington University
Title of Thesis: Control and Estimation Problems with Control Variation and Measurement Costs

Kuduvally Nanjunda Swamy, B.Engr., University of Mysore; M.Engr., Indian Institute of Science; M.S., The Pennsylvania State University
Title of Thesis: Optimal Control of Single-Input Discrete Bilinear Systems

IN ELECTRICAL ENGINEERING

Shang-chun Chen, B.S.Engr., National Taiwan University; M.S., Washington University
Title of Thesis: Computer Aided Learning of the Writing of Chinese Characters

Santanu Das, B.Tele-Communication, Jadavpur University; M.Elect. and Tele-Communication, ibid.; M.S., Washington University
Title of Thesis: Fault-Tolerant Digital Systems Using Fail-Safe Logic

Sung-cheng Huang, B.S.Engr., National Taiwan University; M.S., Washington University
Title of Thesis: Stochastic Analysis of Transit Time Distributions of Intravascular Tracers

Warren MacArthur Littlefield, B.S.E.E., Massachusetts Institute of Technology; M.S., Stanford University
Title of Thesis: Investigation of the Linear Range of the Peripheral Auditory System

IN MECHANICAL ENGINEERING

William Edward Noonan, B.S.Aero.Engr., Parks College of Aeronautical Technology; M.S. Research, Saint Louis University
Title of Thesis: Experimental Identification of Dynamic Characteristics

THE SCHOOL OF ARCHITECTURE

Candidates Presented by
CONSTANTINE EVANGELOS MICHAELIDES, Diploma of Architecture, M.Arch., Dean

MASTER OF ARCHITECTURE

May 19, 1974

William Louis Belloma, B.A.Arch., The Ohio University
Paul William Caine, A.B., Brandeis University
Raymond Cherubini Celli, A.B., Washington University
Ian Jeffrey Cohn, A.B., Washington University
Ashokkumar Dhirubhai Desai, B.Arch., Maharaja Sayajirao University of Baroda
James Ralph Gysler, A.B., Washington University
Thomas Steven Harvath, A.B., Washington University
Emil Heller Henning III, A.B., Washington University
Dana Sinclair Kephart, B.S.Arch.Sci., Washington University
Stephen Lee Knubley, A.B., Washington University
John Rutledge Lawhon, B.Arch., Auburn University
Ta Ying Lee, B.E., Chung Yuan Christian College of Science and Engineering
Jeffrey Howard Los, A.B., Washington University
Chai-hsu Lu, B.Sc., Tunghai University
Gary Christopher Nelling, A.B., Washington University
Joe Michael Nunley, B.Arch., Texas Technological College
William Robinson Odell, B.Envir.Des.Arch., North Carolina State University at Raleigh
Robert Allen Ogdahl, B.A., University of Minnesota; B.Arch., ibid.
Lilbert Roy Ontai, B.A., University of Hawaii
Tim Alan Risley, A.B. cum laude, Dartmouth College
Loui Mahmoud Salman, B.Sc., University of Baghdad
Mano Sophark, B.Arch., North Carolina State University; B.Arch., Chulalongkorn University
James Carlos Villegas, B.S.M.E., University of Missouri School of Mines and Metallurgy; M.S., ibid.
David Warner Whiteman, B.A., Greenville College
Roger Clark Yaw, A.B., Washington University

December 22, 1973

Dennis Myles Cope, A.B., Washington University
Hamzah Muhammad Darandari, A.B., Washington University
Ronald Bruce Eichner, A.B., Washington University
Keith Gregory Fitzgerald, A.B., Washington University
Ping-Ping Hsu, B.Sc., Tunghai University
Junius Royal Judson II, A.B., Washington University
Lei-Hoo Mak, B.S.E., Taiwan Cheng Kung University
Steven Lawrence Schuckman, A.B., Washington University
Chung-Ping Wang, B.Sc., Tunghai University

MASTER OF ARCHITECTURE AND URBAN DESIGN

May 19, 1974

Joseph Costanza Amanzio, Jr., B.Arch., University of Florida
Eugene Leon Bodycott, B.Arch., Miami University
Douglas Charles Burns, B.Arch., Kent State University
William Raymond Campbell, B.Arch., Ohio University
Robert Norman Kronewitter, B.Arch., Miami University; M.A., University of Notre Dame
Hasmukh Khodidas Patel, Dipl.Arch., The School of Architecture Ahmedabad
Jagdip Anantrai Raval, B.Arch., The Maharaja Sayajirao University of Baroda
Shyamsunder Keshavram Shastri, Dipl.Arch., The School of Architecture Ahmedabad
Bunchong Sontitim, B.Arch., Silpakorn University
George Pantelis Ververis, Jr., B.Arch., The Cooper Union School of Art and Architecture

December 22, 1973

Fereshteh Bekhrad, Dipl.Arch., University of Tehran; M.A.Arch.Engr., ibid.
Antonio Casado Perez, Arquitecto, University of Madrid
Gregory John Oaksen, B.Arch. (hons.), University of California, Berkeley
David Lynn Sanders, B.Arch., California State Polytechnic College
Rodney Bucke Smyth, B.Arch., Carnegie Mellon University

August 17, 1973

James Frazier Barker, B. Arch., Clemson University
Ronald Leonard Essley, B. Arch., Arizona State University
Richard Charles Maxwell III, B. Arch., Tulane University
Jack Harris Pyburn, B. Arch., Agricultural and Mechanical College of Texas

THE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

Candidates Presented by
KARL ALLEN HILL, M.C.S., LL.D., Dean

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

May 19, 1974

Joseph Henry Apter
Gary David Barbeau
Robert John Berney
Cynthia Susan Blanck
George William Joseph Daignault
Peter Raymond Duffy
Thomas Shearer Duncan III
James Sargent Gault
Paul Joseph Jolly
Michael Allen Markenson
Brendan Lawrence Mongey, Jr.
Frederick Anheuser Nagel
James Vincent O'Donnell
James Philip Oliver
Richard Paul Oppliger
Giovanna Pope
Alan Jeffrey Ross
Thomas Richard Sahrmann
Mary Jo Sawicki
Joseph Nicholas Scaglione
Gregg Arthur Scarato
Thomas Vernon Schaffer
Daniel Solomon Segal
Karen Darlene Squires
Wayne Douglas Thomas
Joyce Renee Ward
Katherine Hinde Washburne
John Stephen Wehrle
James Harold Weible
Lawrence Robin Zerman
Nicholas William Zuk

December 22, 1973

Harry Edward Gaines III
Robert Barrett Rubens

August 17, 1973

Isadore Barton, Jr.
William Jay Bender
Thomas Andrew Garvey
Eric Charles Harris
Harold Ray Schmidt

THE GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

Candidates Presented by
KARL ALLEN HILL, M.C.S., LL.D., Dean

MASTER OF BUSINESS ADMINISTRATION

May 19, 1974

Edward William Ambo, Jr., B.S.B.A., Washington University
Steven Allen Anderson, B.A., Trinity College
Randel Owen Baehr, B.S. (hons.), Principia College
Howard Gene Birnberg, B.S.Arch., The Ohio State University
Paul Frederick Black
Trustin Brown Boyd III, B.A., University of Pennsylvania
Jack Louis Brozman, B.S.B.A., Washington University
Thomas Leo Bugnitz
Carla Sue Carstens

Charles Gregory Case, B.S., Morgan State College
Raymond Cherubini Celli, A.B., Washington University
Clara Kit-Yee Fung Chan, B.A., University of Hong Kong
Harry Coleman Chapman, Jr., B.S., Cornell University
Thomas Murray Costello, B.A., Williams College
George William Joseph Daignault
Angel Rey deSevilla-Rivera, B.B.A., University of Puerto Rico
George Childress deZevallos, B.E., Vanderbilt University
Terry Richard Duggan, B.S.B.A., Washington University
Walter L Eckardt, Jr., B.E. magna cum laude, Vanderbilt University; B.E., ibid.; M.S., Washington University; D.S., ibid.
William Lynton Edwards III, A.B., Colgate University
Benjamin Eisner, A.B., Washington University
Robert Henry Fichter, B.M.E., University of Dayton
Jan Paul France, A.B., Ripon College
Jeanie Margaret Frazee, B.S., Iowa State University of Science and Technology
Albert Donald Gammage, B.S., Purdue University
Timothy Richard Gavin, B.A., College of St. Thomas
Richard Royall Gay, B.S., Purdue University
Edward Frank Gramlich, B.S.C.E., Washington University
Gail Ann Greenberg, B.S.Ed., The University of Tennessee
Mark Vincent Grelle, B.M.E., General Motors Institute
James Christian Harwood, B.A., Hanover College
Lyle James Higgins, B.S.I.E., Iowa State College
John Stanley Hollerorth, B.S.I.M., Georgia Institute of Technology
Carol Miranda Hunt, B.S., Virginia State College
Edward Bartholomew Keaney, A.B., Saint Louis University
Thomas Sheridan Kenny III, B.S., University of Notre Dame
Terry Lee Klocke, A.B., Augustana College
Edward George Kostal, B.S. cum laude, Carroll College
John Douglas Krueger, B.S.M.E., University of Missouri at Rolla
David William Larson
Romelio Leigh, B.S.Agr., The Ohio State University
Richard Alan Lerman, B.A., Ohio Wesleyan University
Harold Alan Lorenz, B.S.Comm., Saint Louis University
Stuart William MacCorquodale, B.S., University of Colorado
Michael Allen Markenson
Stewart Edward McAdams
Michael Peter McDonough, B.S.F.S., Georgetown University
James William McGee, B.Ch.E., Auburn University
Leland Randolph Miller, A.B., University of Missouri
Deborah Louise Moran, A.B., The Western College
William Henry Neu
Steven Novik, B.S.B.A., University of Missouri
James Vincent O'Donnell
James Ralph Paynter, B.S.M.E., University of Notre Dame
Jeffrey Charles Rahmberg
William Crawford Risberg, B.A., DePauw University
Ernest Francis Rossi, A.B., Saint Louis University
Norman Leigh Sandfield, B.A., Vanderbilt University
Ronald Alan Satnick
Joseph Nicholas Scaglione
William Murray Schott, B.S., University of Illinois
Mark Charles Schulman, B.B.A., University of Cincinnati
John Nelson Schwab, B.A., The College of the Holy Cross
Kenneth Stuart Schwartz, B.S.B.A., Washington University
Richard Gary Shapiro, B.S., Syracuse University
Robert Carlile Smith, A.B., Earlham College
Oliver Starr III, B.S.B.A., Washington University
Carolyn Sue Taylor, A.B., Earlham College

James William Taylor, A.B., Earlham College
Terry Lee Tessier, B.S., Carroll College
George Guiney Warren, B.A., The College of the Holy Cross
James Harold Weible
David Lee Wicks, B.S.Ch.E., University of Kentucky
Peter Andrew Wieland, B.A., Denison University
Robert Edward Williams, A.B., Drury College
Charles Gregory Wittenbrink, B.S.Comm., Saint Louis University
Frederick Edward Zimmer, A.B., Augustana College

December 22, 1973

James O'Neill Barry, B.S.Comm., Saint Louis University
Robert Joseph Belter, B.A., Saint Mary of the Lake Seminary
Joseph John Brouk, Jr., B.I.E., General Motors Institute
William Franklin Cann, Jr., B.S.I.M. Purdue University
Robert Joseph Clynes, B.S.C.E., University of Missouri at Rolla
George Lee Judy, Jr., B.S.Ch.E., Princeton University
William Joseph Pommer, Jr., B.S.E.E., Washington University; M.E.A., ibid.
Francis Joseph Prior, B.S.Bus., University of Colorado; B.S.Ch.E., ibid.
Larry Henry Ray, B.S.B.A., University of Missouri
Richard Gail Sesler, B.A. cum laude, Ohio Wesleyan University
Arthur Robert Teffeau, B.S.I.E., The University of Tennessee

August 17, 1973

Stephen Preston Allen, B.S.M.E., Rose Polytechnic Institute
Michel Claude Bar, B.A., Amherst College
Harold Crumpton, B.S., Washington University
Frank Bradford Curtis, B.A., Westminster College
Warren Chong Der, B.S.Comm., Saint Louis University
Paul Floyd Kough, A.B., University of California, Berkeley; M.S., Stanford University
Ross Melvin Morgan, A.B., Washington University
Dean Rodney Olson, B.M.E., University of Minnesota
Stephen Bradford Scharon, A.B., Washington University
Carl Louis Schenck, B.A., Concordia Senior College
Charles Edwin Stevens, B.S., Southern Illinois University
Shuji Tsunemi, B.A.Econ., Waseda University
Jeffrey Deane Tubbs, B.A., Ohio Wesleyan University
Marilyn Merlotti Williams, B.S.B.A., University of Missouri at St. Louis

THE SCHOOL OF CONTINUING EDUCATION

Candidates Presented by
JOHN BERNARD ERVIN, Ed.D., Dean

BACHELOR OF SCIENCE

May 19, 1974

Jesse Wayne Ballard
Eugene Devine Barron, Jr.
Linda Gruchaez Barron
John Philip Becker
Gerd Beetz
Raymond Dwight Benner
Bette Helen Blue
Robert Terry Bluestein
Prince Eugene Bosley, B.S.
Paul Andrew Breece
Richard Lynn Brotherton
Carol Ann Brouse, A.B. cum laude
Louis Charles Brown
John Patrick Chumley
James Clayton Church
Ray Eugene Clinton
Cornelius Eugene Coughlin
Martha Ann Crump
Thomas Henry Curry
Donald Lee Dahlem
Gerald Lee Decker
Walter William Decker
Gerald Laurance Dietz
Nelson Kenneth Dougherty
Dallas Lindell Duncan
Rocky Eibert, B.S.Ag.
Edward Lloyd Est
Carl Eugene Fadler
Beverly Deloris Fields
Virginia Darling Forrest
Helen Marie Fotenos
Robert Anthony Frederiksen
Gloria Mae Friedman
Harold Charles Goering
Nadine Sue Goldstein
Mary Alice Graves
Alan James Greenley
Russell Albert Hagan
Dennis Thad Hamilton
Lillian Helen Hans, B.S.Ed.
Bruce Vernon Hardester
James Leslie Harris
Richard Allen Heiens
Joseph Edwin Hercules
Donald Kenneth Hizer
Raymond Lee Kerlagon
William John Klein
Madeleine Lappin Kleyman
Wayne Kenneth Lambert
Joseph Ellis Lange II
Loretta Frances Lemee
Richard Bayard Lewis
Fu-mei Loh, LL.B.
George Richard Macdonald
Daniel Joseph Marquitz
Richard Boyd Meanor
Thomas Lewis Mines
Robert Allen Morgan
Guillermo Eduardo Nasser
Barbara Ann Nelson
Michael Edward Newberry
Richard Charles Niedringhaus
Robert Bruce Paster
Allen Dee Patrick, B.S.
Joseph Curtis Peacock
Jerome Joseph Pieczynski
Radford Reuben Raines, Jr.
Harold George Rehg
Donald Herman Reitmeyer
James LaVander Reynolds
Thomas James Rizzardo
Malcolm Paul Rosen
Richard Warren Saffley
Michael Roy Elmer Saxton
William Lawrence Schatzkamer
William Eugene Scheffer
Charles Michael Schlueter
James Herbert Schwartz
Robert Lee Seiler
Edward Joseph Shanahan
Kenneth Sinclair
William John Sippel
Craig Sidney Smith
Delois Smith, B.S.
Thomas Rodgers Sonderegger
Eugene Francis Stecher
David Joseph Steger
Louis Michael Stoppelman
Eugene Lee Streb
Richard Gordon Taylor
Grenocco Templeton
Linda Ann Timofeev, B.A.
Clifford Livingston Titus, Jr.
Jerrelyn Davis Tripp
Thomas Joseph Wagner
Nellie Charlotta Watkins
Elroy Henry Weeke
Ralph Westercamp
Edward Gary Williams
Gloria Jean Woerheide
Robert Francis Wood
Ronald Brents Wooten

December 22, 1973

Ellen Sue Alton
David Joseph Andre
Gary Roger Barbarash
Donald Edward Barr
Letha Bernice Begeman
Leo Bezek
Karl Lee Bickel
Robert Bernard Blaesing
Clarence William Borage
Don Richmond Briscoe
Lindell Eugene Brock
Stephen Raymond Buren
George Hansford Combs
Gerald George Corzine
Phillip Larry Davis
George Chris Demetrulias
Earl James Devonshire
Raymond Charles Dougherty
Nelson Courtney Eaton, Jr.
Stuart Lawrence Farrell
Gilbert Vern Field
William John Foristal
Sam Giamanco, Jr.
Jerry Davie Harrington
Lawrence Homer Henderson
William Harold Hofmann
Elsie Elizabeth Isgrig
Louise Verdell Jackson
James Joseph Johnson
Wallace Johnson, Jr.
Robert Maurice Kennedy
Betty Korhonen
Carol Lois Kromnacker
Benjamin George Kunz, B.S.
William Grant Lawyer
LeRoy Radford McCarter
Ernest Lee McFeders
Eddie Earl McGraw
George Aloysius Meyer
Wayne Tennyson Meyer
Betty Stifle Mitchell
John Allen Moore
Bernard Thomas Nachtmann
Michael Arthur Neal, A.B.
Frederick Robert Olwig
Kah-Kim Ong
Robert Dean Palek
Patrick Bryan Parker
Roderick Jay Patefield
Russell McKay Patton
Daniel Lee Payne
Joseph Anthony Pelch, Jr.
Douglas Rupert Pelikan, B.S., M.S.
Richard Alexander Pidgeon
Ruby Geraldine Pringle
John Prochko, Jr.
Katherine Southward Robbins
Patrick James Ryan
James Frank Schwab
Michael William Sei
Patricia Ann Sortor
Mary Nadine Steffens
Robert Louis Stiern
Wayne Christopher Valentine
Jane Grace Widbin

August 17, 1973

Eleanore Yvonne Almore
Elizabeth Prescott Bremer, A.B.
William Warren Parker Burns, Jr.
Jack Dennis Combs
Robert Ralph Cranmer
Carol Gast Dierker
Richard Joseph Fogelbach
Isabelle Rae Fremerman
Theodore Emil Gorski
Betty Jane Greenwood
Ernst Frank Hill
Karel Susan James
John Joseph Kilker
Larry Erwin Lalumondier
Guy Eugene Lemcoe
Willard Herman Leutzinger, Jr.
Josephine Meek Lockhart
Frank William Miles
James Elwood Rushing
Thomas Joseph Sennewald
Enyenema Inim Udo
Oklar Frances Whitney
Allan Lane Yackey

BACHELOR OF SCIENCE IN SPEECH AND HEARING

May 19, 1974

Karen Sue Kusmer
Lauren Lee Yonker

BACHELOR OF TECHNOLOGY

May 19, 1974

Donald Darwin Beynon, Jr.
Joseph Henry Cole
Thomas George Foley, B.S.
William Francis Horvath
James Allen Johnson
Steven Michael Klump
Michael Bruce McDonald, B.S.
John Paul Reid
Thomas Hampton Richardson
Wayne Roland Schaetzel
Daniel Richard Stock
James Clair Tegethoff
Steve Whitney, Jr.
Richard Earl Whitten

December 22, 1973

Marlene Maschhoff McDermott
Wade Noxon, B.S.
Frank Alfred Robinson

August 17, 1973

Lawrence John Roy, B.S.

THE SCHOOL OF FINE ARTS

Candidates Presented by
LUCIAN KRUKOWSKI, B.F.A., M.S., Dean

BACHELOR OF FINE ARTS

May 19, 1974

Raizell Frances Alperin
Nancy Lynne Ericka Beckman
Lawrence Charles Basil Berko
Virginia Lynn Bicket
Barbara Gail Blam
David Griffith Brooks
Mary Ellen Bruns
Crista Elaine Carr
Sally Mae Davidson
Christine Anne Drees
Diane Dunn
Anne Frances Edgar
Ralph Paul Epstein
Craig Harris Fisher
Kathleen Louise Flint
Warren Joseph Glickert, Jr.
Carol Sue Goldberg
Terry Lynn Goldberg
George Jeffrey Hereford, B.S.
Carey Camille Hero
Colleen Laura Heroux
Barbara Anne Herzfeld
Julia Harrison Hunstein
Curtis Edward Ische
Avila Judelson
Gary Karpinski
Vernon Rex Kekauoha
James Charles Kelly III
Todd Osborn Knecht
Jerome Allan Lainoff
Robert Kent Lambrechts
Michael Kevin Lambur
Nancy Lee Landorf
Leslie Marie Lenherr
Rebecca Claire Licata
Marjorie Risé Lizzack
Juanita Lynn McCall
June Ellen McCartney
Judith Ann McCreary, B.A.
Elise Suzanne Miller
Debra Wendy Mittenthal
Jessica Louise Molinaro
Charles Martin Nemon
Sheldon Richard Neymark
Marie-Louise Rouff Pastreich
Sandra Michele Payne
Angelia Leigh Pipes
Paula Sue Poling
Ginger Nancy Propper
Linda Jeanne Raden
Susan Carol Rath
Marilyn Rauschenbach
Ramsay Varian Roeder
Jeffrey Howard Schneider
Lucille Singer Schwartz
Martin Edward Seymour II
Amy Bonnett Shatz
Koon Ho Shea, B.A.
Cynthia Rae Shourd
Linda Marie Solovic
Jennifer Diane Spires
Janice Elaine Steinhauser
Barry Charek Tilson
Susan Lynne Togut
Linda Josephine Wagner
Raymond Lewis Wandling
Rose Marie Washington
Susan Kathleen Weaver
Amy Debra Windheim
Chandria Mae Woodard
Nancy Harriet Zarider
Mindy Helfstein Zimmerman

December 22, 1973

Patricia Lynne Barish
Paul Buscemi
Maynard Russell Johnson, Jr.

August 17, 1973

Richard Keith Blanner
Robert Gerard Everding
Joan Gast Hollars
Cheri Lynn Kellman

MASTER OF FINE ARTS

May 19, 1974

John Paul Baltrushunas, B.S.Ed., Massachusetts College of Art
John Patrick Barrett, B.F.A., The Maryland Institute College of Art
Daniel Louis Black, B.F.A., The Maryland Institute College of Art
John Richard Cleary, B.F.A., The Pennsylvania State University
Leila McConnell Daw, B.A., Wellesley College
Robert Edward Duncan, B.A., Rice University
Von Stephen Eisenhardt, B.F.A., Pratt Institute
Jeffrey George Fauser, B.A., University of Dallas
Mary Ann Golleher, A.B., University of Arkansas at Little Rock
Eau Claire
Robert March Harper, B.F.A., San Francisco Art Institute
Marjorie Sharpe Hayes, B.F.A., University of Denver
Nade Calmes Haley Marshall, B.F.A., Atlanta School of Art
Terry Sims McGehee, A.B., Queen's College
Jerold Stephen Pruce, B.F.A., Washington University
Nancy Newman Rice, B.F.A., Washington University
William Douglas Russell, B.F.A., Kansas State College of Pittsburg; M.A., ibid.
Nancy Frink Sherer, A.B., Ripon College
Donald Lee Taylor, B.F.A., Louisville School of Art
Thomas Neil Torrens, B.S., Indiana State University
Eleanor Hope Vance, B.F.A., Atlanta School of Art
Mary Frances Velasco, B.A., University of Dallas
Sally Marie Wehrman, B.F.A., Washington University
Michael Coalter Woods, B.F.A., Washington University

December 22, 1973

Michael Eugene Jantzen, B.S., Southern Illinois University
Dennis Robert Masback, B.F.A., Washington University

THE GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK

Candidates Presented by
RONALD ARTHUR FELDMAN, Ph.D., Acting Dean

MASTER OF SOCIAL WORK

May 19, 1974

Nancy Ann Amos, B.A. cum laude, Bowling Green State University
Susan Carol Bacalman, B.A., New York University
David Ralph Baldridge, B.A., Southern Illinois University
Cheryl Beil, B.A., The New School for Social Research
David Lee Boedy, B.A., Wartburg College
Douglas Charles Burns, B.Arch., Kent State University
Neppie Yolanda Burwell, B.S., North Carolina Agricultural and Technical State University
Eileen Ruth Carlson, B.A., Valparaiso University
Joseph Francis Carroll, B.A., Southern Illinois University
Deborah Olga Ann Carter, A.B., Washington University
Joy Camille Todd Claymon, B.A. (hons.), The University of Texas
Ronald Wayne Collins, B.S.Ed., Southeast Missouri State College
Laura Ellen Corcoran, B.S.Med.Sci., Saint Louis University
Christine Ann Czok, B.A. cum laude, Mount Mary College
Lawrence Benjamin Davis, A.B., Webster College
Daniel Paul Fako, B.S., Northeast Missouri State College
Christine Burkhardt Fenner, A.B., Washington University
Lawrence James Fletcher, A.B., Saint Louis University
Sandrea Friedman, B.A. cum laude, State University of New York at Buffalo
Henry Shiang-Lin Fu, B.S.Agr., National Taiwan University
Lynn Rickhoff Giardina, B.A., Maryville College
Kathleen Mary Golden, B.A.L.A., Marquette University
Gerald Edward Greenwood, B.A., Sacramento State College
Cheryl Lynn Gropper, B.A. (hons.), The University of Texas at Austin
Roger Carl Gutmann, B.A., Wartburg College
Anne Strozier Hammons, A.B., The University of Rochester; M.A., Boston University
John Douglas Harder, A.B., Wheaton College
Lois Mary Hayward, B.A., State College of Iowa
Sharon Stern Hollander, A.B., University of California, Berkeley
Peter George Hookey, B.Sc. (hons.), University of Bristol; Dipl.Soc.Adm., University of Southampton
Julie Ann Schmidt Hubbard, B.A., St. Olaf College
Mark Alan Hubbard, B.A., Beloit College
Ronald Franklin Hursh, B.A., Central Washington State College
Judith Dianne Jackson, A.B., Indiana University
Michael Lewis Jacobi, B.S. magna cum laude, Boston University
Barbara Jeanne Jacobs, B.S.W., The University of Kansas
Kathleen Diane Johnston, B.A., Mount Mary College
Harry S Jonas III, A.B., Washington University
Ruth Fran Kapelusz, A.B., Washington University
Dieter Ernest Kays, B.A., Concordia Senior College; M.Div., Concordia Seminary
Daniel Eugene Kilcullen, Jr., B.A., University of Missouri
Mary Catherine Kozy, B.A. (hons.), Elmhurst College
Harlan Raymond Krier, B.A., St. Paul Seminary; M.A.T., College of St. Thomas
James Verne Kyle, B.S., Urbana College
Lawrence Burton Leff, A.B., Saint Louis University
Harvey Alan Loomstein, A.B., Washington University

Thomasine Adelle Johnson Lyles, B.A., Ashland College
Maliande Imanga Maliande, Dipl.Soc.Wk., The University of Zambia
Suzanne Worden Masterton, B.A., Allegheny College
Richard Lanning McQuiston, B.S., Missouri Valley College
Howard Junior Miller, B.A., University of Missouri at St. Louis
John Francis O'Kane, B.A., Marian College
John Sidney Oppenheimer, A.B., Washington University
Steven James Phillips, B.A., Greenville College
Susan Leslie Phillips, A.B. summa cum laude, Washington University
Jean Frances Pressburg, B.A. (hons.), The University of Texas at Austin
Judith Ann Ross, B.A., Newcomb College of Tulane University
Phyllis Ann Rozansky, B.A., University of Dayton
Andrea Joy Sime, B.A., Augsburg College
Meribeth Wallio Smith, A.B., Earlham College
Carolyn Letricia Stansberry, A.B., Washington University
Michael Jay Stern, B.A., Parsons College
Eric Harris Stevens, B.Ch.E., Rensselaer Polytechnic Institute; M.S.Ch.E., Massachusetts Institute of Technology
Joy Sue Stevens, B.S., University of Houston
Jerold Maurice Stone, B.S.Ed., Southeast Missouri State College
Richard Dale Stopher, B.A., Southern Illinois University
Rebecca Elizabeth Stott, B.A., University of Kentucky
Bonnie Helene Vines, B.S. (hons.), University of Illinois
Delores Pauline Von Behren, B.S.Ed., University of Missouri
Elizabeth Dell Welborn, B.A., Briarcliff College
Meredith Gertrude Wollenberg, B.A., Elmhurst College
Francis Daniel Ziarko, B.A., The Ohio State University
Janice Elaine Zolman, B.S.Soc.Wel. summa cum laude, The Ohio State University

December 22, 1973

June Jeannette Williams Alexander, B.A., Southern Illinois University
Perry Alexander, B.A., Memphis State University
Carol Irene Alfreds, B.A., Brooklyn College
Kathleen Ann Aylward, B.A., Avila College
Kathy Jo Bankoff, B.A., University of Colorado
Rebecca Ann McClure Banks, A.B., University of Missouri
Jane Alice Barker, A.B., Indiana University
Candyce Sue Berger, A.B., Washington University
Nannie Sue Brown, B.S. summa cum laude, North Carolina Agricultural and Technical State University
Marian Amy Callaway, A.B., Randolph-Macon Woman's College
Marguerite Jamieson David, B.A., University of Cincinnati
James Kimm Dittrich, A.B., Colgate University
Mary Ann Botts Dunlap, B.A., Lincoln University
Marlene Sandra Eisen, B.A. cum laude, University of Missouri
Joanne Eve Montell Erblich, A.B., Washington University; M.A.Ed., ibid.
Deborah Swirsky Feinstein, B.A., The University of Rochester
Jo-Carol Friday, B.S., North Carolina Agricultural and Technical State University
Terri Lee Gilbert, B.A., Park College
Garry Allan Hammond, B.A. cum laude, University of Dubuque
Heidi Ann Hanson, A.B., Goucher College
John L Harl, Jr., B.A., University of Evansville
Barry Harnick, B.A., Wayne State University
Joan Karen Harris, B.S., Oakwood College; M.A.Ed., University of Kentucky
Maxine Barbara Harris, B.S., Washington University
Mary Grace Herek, B.A., The Municipal University of Omaha
Aubrey Herman, B.A., University of Missouri at St. Louis
Nancy Mae Isserman, B.A. (hons.), The University of Chicago

Susan Roslyn Keller, A.B., Washington University
Alice Clark Kelton, B.A., Dickinson College
Elana Miryam Kling, A.B., Washington University
John Clayton Krotcher, B.A., San Francisco State College
Dwight Lynn Lambert, B.A., University of Illinois
Nancy Ruth Lee, B.A., Valparaiso University
Ruth Roslyn Marion, A.B., Washington University
Marsha Sterns Marsh, A.B., Goucher College
David Sylvester McAlpin, B.S., North Carolina Agricultural and Technical State University
Ella Mae McNair, B.S. cum laude, North Carolina Agricultural and Technical State University
Wanda Whiteside Michels, B.A., Rice University
Freddie Allen Mitchell, Jr., B.A., Bethune-Cookman College
Richard Joseph Modde, B.A., University of Missouri at St. Louis
Irvin Moore, Jr., B.S. magna cum laude, North Carolina Agricultural and Technical State University
Donald Leon Nahnsen, B.A. (hons.), The University of Iowa
Margaret Carol Nast, A.B. magna cum laude, Boston University
Betsy Sachar Nelson, A.B. magna cum laude, Boston University
Carol Lyn Newberger, A.B., Goucher College
Barbara Simmons Orr, B.S., Kentucky State College
Nancy Lou Kalk Paul, B.A. (hons.), Elmhurst College
Mary Letha Hawkins Pruitt, A.B., Agricultural, Mechanical and Normal College
Joseph Roman Reiter, B.A., The University of Wisconsin
Carol Simmons Schepman, A.B., Washington University
Timothy Joseph Schmaltz, B.S.Ed., Northern State College
Baruch David Shulem, B.S.W., The Hebrew University of Jerusalem
Gerald Mark Slaton, B.A. (hons.), The University of Texas at Austin
Frederick Andrew Streeck, A.B., California State University, Humboldt
Austin Wilder Suits, B.A., Westminster College
Patricia Ann Taylor, B.S., Saint Louis University
Dorothy Baldridge Myers Tureaud, B.A., Lemoyne-Owen College
Charles Frederick Turner, B.A., Kent State University
Barbara Ann Wedehase, A.B., The University of Nebraska
Paul Kenneth Wehmeier, B.A., Valparaiso University
Marc Allen Weiner, A.B., Washington University; M.A.Ed., ibid.
Bette Jean Weisman, B.A. magna cum laude, State University of New York at Stony Brook
Janice Wood Wetzel, B.S., Washington University
Gwendolyn Ann White, B.A., The Fort Valley State College
Karen Marlene Wiss, A.B., The University of Michigan

August 17, 1973

Suresh Chandra Arya, M.S.W., Kashi Vidyapith
Bryan David Carter, A.B., Western Kentucky University; M.A., ibid.
Joyce Pritchett Glasgow, B.S.Ed., Southeast Missouri State College
Roy Edward Greenberg, A.B., Washington University
Sheila Rae Harburger, A.B., Washington University
Patricia Scharlene Murrell, B.A., Southern Illinois University at Edwardsville
Sheldon Podwol, B.A., Brooklyn College
Douglas Doyle Lee Williams, B.S., Agricultural, Mechanical and Normal College

DOCTOR OF SOCIAL WORK

May 19, 1974

Jerome Jay Frazier, A.B., Maryknoll College; M.S.W., Saint Louis University
Title of Thesis: Organizational Constraints and Social Work Decision Making

THE SCHOOL OF LAW

Candidates Presented by
EDWARD THADDEUS FOOTE, LL.B., Dean

DOCTOR OF LAW

May 19, 1974

David Hary Adamson III, B.S., Eastern Illinois University
Edward Steven Alschuler, B.A., The University of Wisconsin
John David Anderson, B.A., Franklin and Marshall College
Steven C Askinas, B.A., State University of New York at Buffalo
Daniel William Austin, B.A., Millikin University
Dan Edward Babarik, B.A., Purdue University
Gus Bloch Bauman, B.A., Clark University
Richard Scott Bender, A.B., Washington University
Mary Deborah Benoit, B.A., Louisiana State University
Cynthia Cimpl Bottini, B.S.B.A., University of South Dakota
Andrew Mitchell Brown, B.A., George Washington University
Douglas Frederick Browne, A.B., Oberlin College
Gene Carson Buzzard, B.A., Yale University
Peter Allen Cantwell, A.B., Washington University
Ann Louise Carr, B.A., The Principia College
Barbara Anne Chasnoff, A.B., Connecticut College
Paul Richard Cicero, A.B., University of Illinois
Richard Alan Cohen, A.B., Washington University
Richard Allan Cohn, B.S., Georgetown University
David Michael Cook, A.B., Washington University
Stephen Edward Crable, B.A., Miami University
Kenneth Ira Daniels, A.B., University of Rochester
Mark Stephen Davis, B.A., Tulane University
Charles Rees Dean, Jr., B.A., Denison University
Raymond Henry Dickhaner, B.A., Westminster College
Barry Douglas Dix, A.B., Washington University
Donald Bruce Dorwart, B.A., Vanderbilt University
Michael Calvin Dunston, B.A., Knox College
Stephen Paul Ehrlich, B.S.B.A., University of Denver
Stanley Jay Eichner, A.B., Boston University
Gary Harold Feder, A.B., Washington University
Robert Nicoll Feldmann, B.A., DePauw University
Nancy Catherine Ferguson, A.B., Washington University
Douglas Edroy Flom, B.A., St. Olaf College
Franklin Eugene Foster, A.B., Shimer College
Ellen Lavelle Fowler, B.A., Lake Forest College
Madalyn Jo Frazzini, B.A., University of California, Santa Barbara
Bertram Christopher Frey, B.A., Haverford College
Janet Lois Gaunt, A.B., Oberlin College
Alan Gerald Gerson, A.B., Washington University; M.A.T., Harvard University
Jerold Henry Goldenhersh, A.B., Washington University
Charles William Goodall, B.S., University of Illinois
Robert Joseph Goodwin, A.B., University of Missouri
Kenneth Hillel Graeber, B.A., Southwestern at Memphis
William Penn Grant, B.A., Cornell College
Richard David Gross, B.A., University of Rochester
James Edward Haley, B.A., Cornell College
John Edward Harris III, A.B., Washington University
Mary Stake Hawker, A.B., Ripon College; M.A., University of Chicago
Kenneth John Heinz, A.B., University of Illinois
Gregory Dennis Hoffmann, B.S., Purdue University

William Eckhardt Hofmann, B.A., Carleton College
Toby Haight Hollander, B.S., United States Naval Academy
Thad Hollie, Jr., B.A., Harvard University
Lynn David Howard, B.Mus., The University of Michigan
M.A., Columbia University
Andrew Thomas Hoyne, B.A., Knox College
James Melvin Hux, B.A., Northwestern University
Sheila Krawll Hyatt, B.A., Miami University
J David Jackson, B.A., St. Olaf College
James Stanford Jeffe, A.B., University of Missouri
Steven Bruce Johnson, B.S., Wisconsin State University at Eau Claire;
M.B.A., The University of Wisconsin
Stanley Kaplan, B.A., University of Rochester
Alex Stephen Karlin, A.B., Grinnell College
Theodore Peter Katsampes, B.A., University of Rochester
Terry Lynn Kaye, A.B., The University of Michigan
Paul Martin Kochis, B.A., College of the Holy Cross
Edwin Joseph Kohner, A.B., Washington University
Robert William Kott, B.A., State University of New York at Buffalo
Alice Lee Childress Kramer, B.A., Carleton College
Gerald Kretmar, A.B., Washington University
Robert Belden Kuhn III, B.A., Ohio State University
Paul Mark Laurenza, B.S., University of New Hampshire;
A.M., Brown University
Michael Howard Lax, B.A., George Washington University
Lawrence Burton Leff, A.B., Saint Louis University;
M.S.W., Washington University
Joel C Levin, B.A., University of Illinois
Elizabeth Renée Levine, B.A., Hunter College of the City University
of New York
Ralph Levy III, B.A., Louisiana State University
Wallace Tyson Lew, B.A., University of Washington
David Graham Lichtenstein, A.B., Washington University;
M.A., New York University
Jeffrey Lovit, A.B., MacMurray College
Patricia Mary McAdams, B.S.N., University of Pennsylvania
Richard Samuel McConnell, Jr., A.B., Princeton University
Roderick Ian Mackenzie, B.A., Macalester College
Charles Jackson Meler, Jr., B.S., Southern Illinois University
Stephen Frank Meyerkord, A.B., Drury College
David Schylur Miller, B.A., University of Denver
Kenneth Lee Miller, A.B., Washington University; A.M., ibid.
Stephen Charles Moore, B.A., Drake University
Brent Lee Motchan, B.S.E.E., Washington University
Arnold Isaac Munson, A.B., University of Illinois
Samuel Baldwin Murphy, Jr., A.B., Washington University
Stephen Chivvis Murphy, A.B., Duke University
Michael Kent Murray, B.S., Iowa State University
John Weston Parry, B.A., Lake Forest College
Lawrence Stuart Pepper, B.A., Wayne State University
Thomas Edwin Peterson, B.A., St. Olaf College
Lawrence Wendell Phelps, B.A., Wabash College
Michael Richard Plummer, A.B., Hobart College
Geoffrey Lynn Pratte, B.A., Kilroe Seminary of the Sacred Heart;
A.M., Saint Louis University
Norman William Pressman, A.B., Washington University
Stephen Gordon Pressman, B.A., University of Virginia
Scott Alan Raisher, A.B., Washington University
James Anthony Rapp, B.S., University of Illinois
Steven Rappaport, B.S.B.A., Northeastern University
Randall Keith Reese, B.S., Illinois State University

Edward Charles Richard, B.A., Tulane University
David Michael Riva, B.A., Knox College
Thomas Paul Roberts, A.B., Stanford University
William Alan Roberts, A.B., Oberlin College
Rocci Lee Romano, B.S.Bus., Eastern Illinois University
Raymond Kenneth Rose, B.A., Yale University
Carol Phyllis Rosenbaum, B.S., University of Illinois
William Edwin Roussin, B.A., University of Missouri at St. Louis; M.A., ibid.
Mark Steven Rubin, B.A., Syracuse University
Joan Topping Russell, A.B., Washington University; A.M., ibid.
Gary Schechter, A.B., Washington University
Marc Jeffrey Schnall, A.B., Washington University
Thomas Arnold Schroeder, B.A., Carleton College
Kenneth Stuart Schwartz, B.S.B.A., Washington University; M.B.A., ibid.
Russell Kenneth Scott, A.B., Earlham College
Jay Michael Shapiro, B.A., Brown University
Thea Anne Sherry, B.A., University of California, Riverside
William Alexander Simon III, A.B., Duke University
Lawrence Howard Singer, B.A., State University of New York at Buffalo
Stephen Geddes Sneeringer, B.A., Denison University
Donny Eugene Snow, B.A., University of the South
Daniel Norman Steven, B.A., University of Rochester
Charles Richard Stiller, A.B., Princeton University
Steven Ray Sunde, B.A., St. Olaf College
Donald Craig Swenson, B.A., St. Olaf College
Keyvan Tabari, A.B., Duke University; A.M., Columbia University; Ph.D., ibid.
Stephen Lindsay Thomas, B.A., Brown University
Jeffrey Scott Titrud, B.A., St. Olaf College
Dean Frank Vance, B.S.Ch.E., Iowa State University
Dorothy Jean Vaughn, B.A., Central State University
Jeffrey Harold Verbin, B.S., University of Illinois
John Gordon Vogel, Jr., A.B., Washington University
Robert Irwin Waldman, B.A., University of Pennsylvania
Marilyn Kay Wallach, A.B., Washington University
Richard Arden Weiner, A.B., University of Illinois
Roberta Lynne Weiner, A.B., University of Rhode Island
Charles Robert Wellington, B.A., Denison University
Joel Scott Winnik, B.A., The University of Wisconsin
Michael Kenneth Wolf, B.A., University of Pennsylvania
John Carroll Wooleyhan, B.A., College of William and Mary
Pamela Sue Wright, A.B., Illinois College
Bernard Wysocki, A.B., University of Illinois
Roger Clyde Zehntner, A.B., Washington University

December 22, 1973

Bertrand Edward Allen, B.S.B.A., Marquette University
Jimmy Joseph Cook, B.S.Ed., Northeast Missouri State University
Harry Losos Esserman, Jr., B.S., Yale University
Stephen Michael Esslinger, B.S.F.S., Georgetown University
William Edward Franke, B.A., The Principia College
Gerald Joseph Harvath, A.B., Saint Louis University
Douglas Laird Kelly, B.S. (Bus.), University of Colorado
Bruce Martin Peckerman, B.A., The University of Wisconsin
Jeremy David Rose, B.A., Oakland University
Lois Lommen Vander Waerdt, A.B., State University of South Dakota; A.M., ibid.

August 17, 1973

Bernard France Edwards, Jr., A.B.Ed., Harris Teachers College
Ryan Earl Jimenez, B.A., Ottawa University
Joseph Andrew Miller III, B.A., University of Virginia
Steven Price Ruble, B.A., Gustavus Adolphus College
Bruce Jay Silberstein, B.A., Miami University
Cynthia Smyrniotis, B.A., University of Missouri at St. Louis
Frank Edward Strzelec, B.S. in Pharmacy, St. Louis College of Pharmacy
Charles Ralph Willis, B.S., Cameron State College

MASTER OF LAWS

May 19, 1974

Walter Culbreth Andrews III, B.S.B.A., Samford University; J.D., Cumberland School of Law
Paul J Barton, B.A., Brigham Young University; J.D., University of Utah
David Charles Fine, B.A., The Pennsylvania State University; J.D., Georgetown University Law Center
John Frederick McNally, B.A., University of Virginia; J.D., University of Colorado
Frederick Michael Switzer III, B.A., University of Notre Dame; J.D., Washington University

December 22, 1973

Martin Epler Galt III, B.A., Washington and Lee University; J.D., Washington University
Wayne William Winter, B.S.B.A., Washington University; J.D., ibid.

MASTER OF COMPARATIVE LAW

December 22, 1973

Margaret Shih Shen, LL.B., Soochow University College of Law

THE SCHOOL OF DENTISTRY

Candidates Presented by
JOHN THOMAS BIRD, D.D.S., Dean

MASTER OF SCIENCE IN ORTHODONTICS

May 19, 1974

Nathaniel David Crow, B.S., University of Iowa; D.D.S., ibid.
Richard Bennett Devine, D.D.S., University of Missouri at Kansas City
Gary Blain Hope, D.D.S., Washington University
Dale Eldwyn McCune, B.A., The University of Kansas;
D.D.S., University of Missouri at Kansas City
Dennis James Michaelson, B.S., Utah State University;
D.D.S., Washington University
Thomas Gail White, D.D.S., University of Washington

DOCTOR OF DENTAL MEDICINE

May 19, 1974

Roger J Adams, B.S., Brigham Young University
Gerald Ray Berg, B.A., University of Utah
William Charles Burckhardt
Wayne Sheldon Chanler, B.A., C. W. Post College of Long Island University
Thomas Michael Chaves, B.A., California State University, Fullerton
Michael Edward Cleary, B.A., Saint Louis University
James Berrett Crandall, B.S., Brigham Young University
Kent Eston Davis, B.S., University of the Pacific
Theodore John Deibel
William Gordon DeWert
Richard Morgan Frederick, B.S., Southern Illinois University
William Davis Funderburk, B.A., University of Oklahoma
Wayne Scott Harrington, B.S., Oklahoma University
Kenneth Martin Hartenian, A.B., Washington University
Michael Paul Harwood, B.A., Washington State University
Jack Hazan, B.B.A., University of Iowa
Ronald Phillip Hempel, B.A., University of California, Berkeley
Darrell Glen Johnson, B.S., Weber State College
Kenneth Eugene Keeney, B.S., Illinois College
Duane J Kelson, B.S., Utah State University
Gary Arnold Lawson, B.S., Utah State University
Arthur Niles Litowitz, B.A., Cornell University
Ernest Graham Lott, B.S.Ed., University of Florida
Noel Quentin Martin II, B.I.E., Auburn University
Steven Jay Niethamer, B.A., University of California, Riverside
David Bruce Maughan Obray, B.S., Utah State University
Thomas Marvin Osmun, B.S., Brigham Young University
Stephen LaMar Owen
William Harold Peterson, B.S., University of Utah
Gregory Joe Powell, B.S., University of Illinois
Roger Kris Rempfer
Calvin Smith Richardson, B.A., University of California, Berkeley
Robert Dale Rounds, B.S., Brigham Young University
Marlin Katsunobu Sakata
David Eugene Sintek, B.A., University of California, Riverside
Scott Don Smith
Robert Russell Sorrentino, B.S., Ohio University

Lawrence Ray Tackett, B.S., University of California, Davis
Tung Chuen Tang
Charles Byron Thornton, B.A., Saint Louis University
Allen Howard Vean, A.B., Washington University
Peter Uri Wolff, B.A., Amherst College
Morris Phillip Zwick, B.S., University of Miami

cum laude

James Mumford Jolly, Jr., B.A., Central Missouri State College
Jacob William Jorishie, Jr., B.S., University of Tulsa

magna cum laude

Eugene George Herman, B.A., Westminster College

DOCTOR OF DENTAL SURGERY

May 19, 1974

Harold Lee Baumstein, B.A., University of California, Los Angeles
Ronald James Blackhurst
William Michael Boedefeld, B.S., Southeast Missouri State University
James Frederick Breit, B.A., Augustana College;
M.S., Kansas State University
Robert Harlan Horlick, A.B., Occidental College
Loren Wayne Metzler
John Irving Mills
Dennis Nishimine, B.A., Fresno State College
Robert Vincent Phillips, B.S., University of California, Davis

cum laude

Arthur Elliot Wollman, B.S.E.E., Columbia University

August 17, 1973

Harlan Kent Leinberger
Monika Elisabeth Volkhardt Strong, Doktor der Zahnheilkunde, Zahnärztliches Universitätsinstitut Carolinum, Frankfort/M, West Germany

THE SCHOOL OF MEDICINE

Candidates Presented by
MORRIS KENTON KING, M.D., Dean

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

May 19, 1974

Marjorie Joan Adler
Sarah Catherine Beer
Amy Beth Bernstein
Jean Candage
Elaine Roberta Cohen
Kathleen Helen Garrity, B.S.P.T.
Carol Dinah Glauberman
Janet Lesley Hakanson
Jennifer Jane Hill
Kathleen Ruth Horstmann
Roberta Lynn Jaffe
Terri Sue Jensen
Kathleen Kniepmann
Mary Anne McDonough, B.A.
Debra Kay McGrew
Jeffra Kathy Manchester
Mary Jane Mertens
Susan Carol Osterhus
Carol Anne Parham
Cheryl Diane Silvers

December 22, 1973

Michelle Manning Isserman

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

May 19, 1974

Julie Ann Cox
Teresa Marie Damkroger
Judith Clair Gass, B.A.
Mark Jerome Gayer
Beth Gloria Grayson
Caryn Grace Hasselbring
Mary Louise Hepler
Karen Lea Lapp, B.S.
Richard Donald Lauve
Claudia Ernsting Loethen
Alan Lee McBride
Julie Ann McQuillan
Arva Jean Mohr
Brenda Lu Pratt
Charlotte Ann Schneider
Ilene Joy Schwartz
Ethel Maureen Suggs
Charles William Thompson

August 17, 1973

Linda Ann Wilson Anderson
Peter Iwao Miyashiro

MASTER OF HEALTH ADMINISTRATION

May 19, 1974

Daniel Augustine Clark, B.A., University of Dayton
Danny Charles Coleman, B.S., Oklahoma State University; M.B.A., University of Denver
Gary Joe Cottongim, B.S., Oklahoma State University
Robert Vincent Deen, B.B.A., Texas Christian University
Michael Scott Deming, B.A., Albion College
Leonard Alfred Farr, B.S., Louisiana State University and A and M College
Alfred Donald Faulk, B.I.E., Georgia Institute of Technology
Joseph Stephen Feth, B.S., Duquesne University; M.B.A., Pacific Lutheran University
Gary Jay Greene, B.A., Ohio State University
Temima Debra Sara Gradman, A.B., Washington University
James Frederic Hanko, B.A., University of Minnesota

John David Hicks, B.A., Baylor University; M.S.W., University of Arkansas
Thomas Merle Hoeft, B.S., Carroll College
Robert Michael Hutchinson, B.A.B.A., Seattle University
James Peter Johnson, B.S., The University of Kansas
James Streett Kaigler, B.B.A., The University of Mississippi
Alvin Brock King, B.S., St. Louis College of Pharmacy
Samuel Barnes Knox, B.A., The University of Texas
Charles Leroy LeCluyse, B.S., Rockhurst College;
M.B.A., Washington University
Geoffrey Sek Yiu Lieu, B.A., St. Olaf College
Joseph John Neidenbach, B.S., College of Holy Cross
Steven Earl Nielsen, B.S., Brigham Young University
Brock Lambert Place, B.A., University of Utah
John Snowden Prout, B.S., Bowling Green State University
John Larry Read, B.S., Lamar State College of Technology
Lester James Roundtree, B.A., University of New Hampshire
David Edward Rowe, B.S., Union College
Michael Eugene Schrader, B.A., Michigan State University
John Martin Seegers, B.A., Southern Illinois University
Gary Wayne Smith, B.S., University of Southern Mississippi
Gordon Lloyd Smith, B.S.B.A., The University of Tulsa
Elton James Somers, B.S., Saint Louis University
James Dennis Tesar, B.S., Southern Illinois University
Thomas John Theis, B.S., Northern Illinois University
Thomas Matthew Tierney, B.B.A., Loyola University
Douglas Roy Trembath, B.S., Carroll College
John Albert Tucker, B.B.A., The University of Texas
Burton Woodrow Waller, Jr., B.S., The University of Tennessee
Robert Francis Wallace, B.A., Saint Leo College

December 22, 1973

James Fred Zahradka, B.S., The University of Wisconsin

DOCTOR OF MEDICINE

May 19, 1974

Wilfred Louis Anderson, B.A., Fisk University
Michael Warren Bain, B.S., United States Military Academy
James Peter Baker, B.S., Syracuse University
Alfred Oren Berg, B.A., Tabor College
Mark Leslie Berger, B.A., University of Rochester
Dennis Anna Bertram, A.B., Indiana University
Jon Arthur Blackman, B.S., Oregon State University
Jerold Edmund Boyers, B.A., Knox College
James Edward Bradof, B.A., Northwestern University
Bruce Charles Broudy, B.S., Michigan State University
Robert Tate Brouillette, Jr., A.B., Providence College
Max Henry Burgdorf, Jr., A.B., Washington University
Stephen Dale Burrows, B.S., University of Illinois
Joan Gathje Clark, B.A., University of Minnesota
Stephen Michael Clifford, B.A., University of North Dakota; B.S.Med., ibid.
Milton Tepper Cohen, B.A., University of California, Berkeley
Robert Martin Cohen, B.S., Brooklyn College; A.M., Princeton University; M.M.S., Rutgers Medical School; Ph.D., Princeton University
William Sanford Coleman, B.A., Central Methodist College
James Marshall Corry, A.B., Grinnell College
Sharon Sue Crandell, B.A., Rice University
Arthur Jackson Crumbley III, B.S., Davidson College

Ronald Keith DeGuerre, B.A., Washington University
Joel Michael Depper, A.B., Stanford University
Louise Ann Donohoe, A.B., Trinity College
Gregory Neil Entis, B.A., Williams College
Lewis Conrad Fischbein, B.A., University of Rochester
Scott Clonick Fleischman, B.S., University of Illinois
Kurt Smith Frantz, B.A., University of Oklahoma
Terry Allen Fuller, B.S., University of Notre Dame
Richard Alan Gangnes, B.A., University of California, Santa Barbara
Peter Glickman, A.B., University of California, Berkeley
Paul Golden, B.S., Yale University
John Carroll Gorman, B.A., The University of Kansas; M.M.S., Rutgers Medical School
Donald Richardson Graham, B.S., University of Notre Dame
Otherine Graham, B.S., University of Oklahoma
Mark Elliott Granoff, B.S., California Institute of Technology; M.S., University of California, San Diego; Ph.D., ibid.
Richard Steven Graul, A.B., Washington University
Andrew Kent Greenfield, B.A., Northwestern University
Pearl Evelyn Grimes, B.S., Jackson State College
Michael B Gutwein, A.B., Harvard College
Richard Alan Hattan, B.S.M.E., University of Colorado
Robert Earl Herold, B.A., Wabash College
Mark Lloyd Hoff, A.B., University of California, Berkeley
Lucy Helen Hu, B.S., University of Maryland
Richard Alan Jacobs, A.B., Oberlin College
Mark Howard Jaffe, B.A., Yale University
Baruch Ephraim Kahana, B.S., City College of New York
Ronald Frank Kahn, B.A., The University of Texas at Austin
Roslyn Ann Kaplan, B.A., Case Western Reserve University
Kenneth Roland Kaufman, A.B., Columbia University; A.M., Harvard College
David Charles Keller, B.A., Valparaiso University
Robert Bruce Kirkpatrick, B.S., Wisconsin State University at Eau Claire
Margaret Anne Kitchell, B.A., Reed College
Natalia Hyk Kozak, A.B., Washington University
Stefan Paul Kozak, A.B., Washington University
David Richard Lange, A.B., Dartmouth College
Richard Morris Larrey, B.A., The University of Texas
Mark Leshin, B.A., The University of Texas
Howard Grant Liang, B.A., Yale College
John Stanford Lockett, B.S., United States Air Force Academy
Jonathan Max Mann, A.B., Harvard College
Kim Ernest Marsh
Stephen Charles Meredith, A.B., Brandeis University
Margaret Woolf Meyer, B.A., Wellesley College
Nancy Jean Minshew
Stanley Mogelson, A.B., Washington University; B.M.S., Dartmouth Medical School
Rosemary Iolanda Moroni, B.S., University of Missouri
Wesley Warren Murfin, B.A., Washington and Lee University
Frederick Joseph Nachtwey, B.S., University of Notre Dame
Moon Hea Nahm, A.B., Washington University
Keith Hunter Nunnelee, B.S., The University of Wisconsin
David Shai Olander, A.B., Washington University; A.M., ibid.; Ph.D., ibid.
Adrian Martin Oleck, B.A., Northwestern University
Steven Paul Orkand, B.A., Reed College
Thomas Lee Osteen, B.A., The University of Kansas
Barry Ross Paull, A.B., University of California, Berkeley
Patricia Ann Penkoske, A.B., Lindenwood College
Edward Gene Peskin, B.A., The University of Wisconsin; M.M.S., Rutgers Medical School
Linda Gay Peterson, B.A., Brown University

McKim Culver Peterson, B.S., Yale University
Charles Roy Potter, B.S., Michigan State University
Harry Donald Price, B.S., West Virginia University; Ph.D., The Johns Hopkins University
Gregory Allen Rice, B.S., University of Washington
Paul Everett Root, B.A., University of California at San Diego
Jerry Lee Rosenblum, B.A., Emory University
Robert Vance Rouse, B.S., Northwestern University
Barry Landau Samson, B.A., The University of Wisconsin
Robert James Scheff, A.B., Dartmouth College
David Johann Schwartz, B.A., University of Denver
Fredrick Jack Schwartz
Gerald Stephen Shatz, B.A., Northwestern University
Paul Wayne Sheffner, B.A., Wabash College
Gerald Robert Silvoso, A.B., University of Missouri
William Norman Sitz, B.A., College of Idaho
William Lee Songer, B.A., Wabash College
William Clayton Stratton, B.S., University of Illinois
Lloyd Ross Taustine, B.A., Vanderbilt University
Leland Arthur Thomas, B.Sc., Colorado State University
Dale Nathan Thuline, B.A., Seattle Pacific College
Alan James Tiefenbrunn, A.B., Washington University
Sanford Martin Timen, B.A., University of Cincinnati
Dolores Reynolds Tucker, B.S., St. Mary's College
Bruce Van Scoyoc Weidner II, B.S., Davidson College
David Samuel Weil, B.S., Indiana University
Robert Alan Weiss, B.A., New York University
Ronald Alan Weller, B.A., Wabash College
Mark Howard Wener, B.A., University of Chicago
Keith Allen Wichterman, B.S., University of Illinois
Jeffrey William Willbrand, A.B., Harvard College
Julian Carroll Williams, B.A., Rice University; M.S., Massachusetts Institute of Technology; Ph.D., University of California, Berkeley
Michael Orval Williams, B.A., University of Missouri at St. Louis
Richard Lorin Wolbarsht, A.B., Harvard College
Thomas Wilson Woodrow, B.S., Louisiana Polytechnic Institute
David Logan Yarian, A.B., Washington University

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Candidates Presented by
RALPH ERNEST MORROW, Ph.D., Dean

MASTER OF ARTS

May 19, 1974

IN ANTHROPOLOGY

Larry Louis Burmeister, A.B., Friends University
Donna Jill Keren, B.A. magna cum laude, State University of New York at Stony Brook
Jennifer Gay Schirmer, B.A. (hons.), The University of Arizona

IN ART AND ARCHAEOLOGY

Ruth Fredman, B.A., New York University
Mary Margaret Stiritz, A.B., Washington University

IN ASIAN STUDIES

Robert Maitland Dawson, B.A., Wabash College
Richard Gardner Long, B.A. cum laude, University of Maryland
Stephen Carl Redd, A.B., Hamilton College

IN AUDIOLOGY

Karen Kay Glover, B.S.Spch. and Hrg., Central Institute for the Deaf

IN CHEMISTRY

James Raymond Braun, B.A., Knox College
Jin-jyi Chang, B.Sc., National Taiwan Normal University
Rong-Juh Hwang, B.Sc., National Taiwan Normal University; M.Sc., National Taiwan University
Kenneth Wayne Koch, A.B., Washington University
William James Matlach, B.S., United States Military Academy

IN COMPARATIVE LITERATURE

David Lee Lentz, A.B., Washington University
Kari Elise Lokke, A.B., Indiana University
Madeleine Ruth Tress, B.A., The City College of the City University of New York

IN EARTH SCIENCES

Scott Franklin Sibley, B.S., The Principia

IN ECONOMICS

Jean-Remi Marie Abrioux, Licencié ès Sciences Economiques, Université de Paris I
Thomas Paul Boehm, B.A. magna cum laude, The University of Wisconsin
George Roland Earl Cahill, B.S. (hons.), Southern Illinois University at Edwardsville
Warren Henry Gille, Jr., B.S., University of Missouri at Kansas City; M.A., ibid.
Keith Ray Ihlanfeldt, B.A. summa cum laude, Illinois Wesleyan University
Jean Ward Lancaster, B.S.Appl.Math., University of Missouri at Rolla
Jonathan Harold Mark, A.B. cum laude, Brandeis University
Stephen Joseph Taylor, B.A., University of Oxford
Philip David Winters, B.S., The Florida State University

IN ENGLISH

Linda Ellen Dackman, B.A. magna cum laude, Brooklyn College of The City University of New York
Kerry Paul Felski, B.A.L.A., Marquette University
Kathleen O'Connell Hamilton, A.B. magna cum laude, Maryvill College of the Sacred Heart
Joy Allison Marks, B.A. magna cum laude, Case Western Reserve University
Robert Bruce McGregor, B.A., McGill University
Carol Williams Niederlander, B.A., University of Missouri
Thomas Ewald Weinz, B.S.Ed., Concordia Teachers College
Ann Mary Whitehill, A.B., Washington University

IN FRENCH

Elizabeth Anne Gootee, A.B. magna cum laude, Fontbonne College

IN GERMANIC STUDIES AREA

Inger Skag

IN HISTORY

Philip Curtis Davis, B.A., Lindenwood College
Dennis Clark Dickerson, A.B., Lincoln University
Roy James Fitzgerald, B.A., The Prairie View Agricultural and Mechanical College of Texas
Eugene Francis Provenzo, Jr., B.A. (hons.), The University of Rochester
Ira Leonard Shapiro, B.A., The City College of the City University of New York; M.A.Hist., ibid.
Judith Dale Willsey, B.A., Skidmore College

IN LINGUISTICS

Jeanné Renou Chesanow, B.A., University of Massachusetts

IN MATHEMATICS

Rosalind Joyce Neuman, A.B., Washington University
Alexander Bruce Wilson, B.S.B.A., Washington University

IN MUSIC

Elizabeth Huber George, B.A., University of Maryland
James Carlisle Phillips III, B.A., Hamline University

IN NEUROBIOLOGY

Cathleen Earhart Ohlendorf, B.A., Southern Illinois University at Edwardsville

IN PATHOLOGY

Joseph Ching-Jeo Shyong, B.Sc.Engr., National Taiwan University; M.S.Research, Saint Louis University

IN PHILOSOPHY

William Charles Mixson, Jr., A.B., Washington University

IN PHYSICAL EDUCATION

Marcella Celine Rose, A.B.Ed. cum laude, Harris Teachers College

IN PHYSICS

Janet Brown, A.B. cum laude, Washington University
Arthur Daniel Gorman, B.S., University of Illinois
Donald Eugene Yuhas, B.A., Northwestern University
Marjorie Passini Yuhas, B.A., Northwestern University

IN PSYCHOLOGY

Alfreda Brown, B.A. cum laude, Philander Smith College

IN SOCIOLOGY

Melvin Lee Oliver, B.A. (hons.), William Penn College

IN SPANISH

Susan Jane Golden Cramer, A.B., Washington University

IN TECHNOLOGY AND HUMAN AFFAIRS

Neil Warren Goldstein, A.B., Washington University

IN URBAN AFFAIRS

Jan Etha Greenburg, A.B., Washington University
Bruce Franklin Hoffacker, B.S.B.A. cum laude, Boston University
Stephen John Saller, B.B.A., University of Notre Dame

December 22, 1973

IN ART AND ARCHAEOLOGY

Margot Orthwein Clark, B.S., Washington University
Florence Forger Liman, B.A., Wheaton College

IN CHEMISTRY

Claudette Camille Deatherage, A.B., Washington University

IN CLASSICS

Joseph Anthony Cuda, A.B., Hamilton College

IN EARTH SCIENCE

Thomas Eric Breese, B.S.Geol., University of Missouri at Rolla

IN ECONOMICS

Bruce Wayne Brinkmeier, B.S. (hons.), Illinois State University
Joseph Alexander McKenzie, B.A. cum laude, College of the Holy Cross
Roger Leo Pupp, B.A., (hons.), The University of Wisconsin
Ved Prakash Sharma, B.A. (hons.), Panjab University; M.A., ibid.
Norman Eric Weiss, A.B., Cornell University

IN EDUCATION

Naoki Tsukada, B.A., Kwansei Gakuin University; M.A., ibid.

IN ENGLISH

Judith Barbara Barack, A.B., Barnard College
Susan Halpin Bascom, A.B., Maryville College of the Sacred Heart; M.Ed., Loyola University
Louis Allen Latzer, B.A., Macalester College

IN HISTORY

Johanna Rosenthal Mendelson, B.A., Queens College of the City University of New York; M.I.A., Columbia University in the City of New York
Sarah Shannon Olson, A.B., Washington University
Joyce Rittenhouse Parker, B.A. summa cum laude, Wittenberg University

IN JAPANESE

Bryant Joseph Dorsch, B.A., The University of Vermont

IN PHILOSOPHY

John Christian Conradi, A.B., Washington University
James Clyde Gaa, B.A. (hons.), Michigan State University
Bruce Worthing Hauptli, B.A., Lawrence University

IN PHYSICS

Gary Lee Gibian, B.S.Phys., Massachusetts Institute of Technology

IN PSYCHOLOGY

Linda Terry Swichar, B.A., University of Maryland

IN SOCIOLOGY

Roberta Elizabeth Arnold, B.A.L.A. summa cum laude, Marquette University
Francis Bernard Galligan, Jr., B.S., United States Military Academy
Philip Andrew O'Hare, A.B., University of Missouri

IN URBAN AFFAIRS

Charlene Carrie Ann Jones, A.B., Talladega College
Narmen Fennoy Temple, A.B., Millikin University

August 17, 1973

IN ART AND ARCHAEOLOGY

Gladys Marjorie Myles, A.B., Washington University
Kathleen Walsh Rubin, A.B., Washington University

IN ASIAN STUDIES

William George Ronai, B.A., Williams College

IN BIOLOGY

David Benjamin Aronow, B.S. magna cum laude, University of Massachusetts
Eileen Frances Clermont, A.B., Washington University
Edward Donald Kress, A.B., Columbia University in the City of New York
Michael Dweight Lack, B.S., Arkansas State University
Carolyn Yvonne Manuel, B.A., University of Arkansas
James Archer McCrum, B.S., Colorado State University
Victor Duzerah Phillips III, B.A., North Texas State University

IN CHEMISTRY

Christopher Caton Felix, B.Chem., University of Minnestota

IN COMPARATIVE LITERATURE

Marilyn Jeanne Miller, B.A. English (hons.), University of Montana

IN EARTH SCIENCES

Karl Martin Chauff, B.S., Nicholls State College
Thomas Joseph Depke, B.S.Geol.Engr., Saint Louis University

IN EDUCATION

Judith Ellen Kaplan, B.A., The University of Rochester
Patricia Lee Schatteman, A.B. cum laude, Saint Louis University

IN ENGLISH

Chita Marie Gillis, B.A. summa cum laude, Cornell University
Susan Valentine Hopper, A.B., Washington University
Marilyn Ruth Teitelbaum, A.B., Washington University
Catherine Sue Wichterman, A.B., University of Illinois
Mary Melaney Williamson, B.A., Denison University

IN FRENCH

Paul Joseph Corr, B.A. cum laude, State University of New York at Buffalo
Denise Marie Dawson, B.A., University of Colorago
Marlene Celeste Howell, A.B. Lindenwood College
Julia Fisher Yarbrough, A.B. summa cum laude, Washington University

IN GERMAN

Susan Saunders Stepleton, B.A. magna cum laude, Butler University

IN GERMANIC STUDIES AREA

Mary Anne Rapp, B.A. magna cum laude, Central Michigan University

IN HISTORY

Dirk Marks Bennett, B.A., Williams College
Elizabeth Rose Gildea, B.A., The Ohio State University
David Joel Haber, B.A., Queens College of the City University of New York; M.A., ibid.
Alan Frederick Perry, B.A., Victoria University of Wellington

IN MICROBIOLOGY

Carol Anne Pastushok, B.S., Antioch College

IN PHILOSOPHY

Raymond Smith Pfeiffer, B.A. cum laude, Kenyon College

IN PHYSICS

Gregory Lynn Christner, B.A. summa cum laude, Bradley University

IN PHYSIOLOGY AND BIOPHYSICS

Barry David Bernfeld, B. A. magna cum laude, Queens College of the City University of New York

IN POLITICAL SCIENCE

Caron Louise Dean, B.S., University of Oregon
Linda Lee King, A.B. magna cum laude, Syracuse University

IN PSYCHOLOGY

George Baker, Jr., A.B., University of Missouri at St. Louis
Linda Reineck Diefenthaler, B.A., The University of Wisconsin

IN SOCIOLOGY

Nedra Anderwert Carp, B.F.A., Washington University
Robert Charles Hauhart, B.S., Southern Illinois University at Carbondale

IN SPANISH

Claudia Schaefer, B.A. magna cum laude, William Smith College

IN TECHNOLOGY AND HUMAN AFFAIRS

Burke Edward Robinson, A.B., Stanford University

IN URBAN AFFAIRS

Richard Harvey Creason, B.A., Cardinal Glennon College

MASTER OF ARTS IN TEACHING

May 19, 1974

IN ART

Charles Paul Derleth, Jr., B.F.A., Washington University
Donald Green, B.F.A., Washington University

IN BIOLOGY

Barbara Mary Miles, B.Sc. (hons.), The University of Leeds
James Lewis Robbins, A.B., Washington University

IN ENGLISH

Martha Reynolds Ferris, B.A., Lake Forest College

IN MUSIC

Deborah Eileen Bell, B.Mus., The University of Calgary
Jack Orville Brown, A.B., Washington University
Katherine Keys Reed, A.B., Washington University

December 22, 1973

IN BIOLOGY

Ruth Virginia Riley, B.A., Denison University

IN SOCIAL STUDIES

Barbara Wiley Fuge, B.A., Beloit College
Susan Meyers Schultz, A.B., University of California, Berkeley

August 17, 1973

IN ENGLISH

Donna Marie Dennis, B.A. cum laude, Duke University

IN SOCIAL STUDIES

Onita Van Knight Fears, A.B., Washington University
Stephen LeRoy Neal, B.A., North Texas University

MASTER OF ARTS IN EDUCATION

May 19, 1974

IN EDUCATION

Nancy Lee Jensen Agneberg, B.A., St. Olaf College
Sandra Lee Anderson, A.B., Washington University
George Louis Apple, B.A., The Johns Hopkins University
Cheryl Beil, B.A., The New School for Social Research
Linda Nancy Brandt, A.B., Washington University
Rena Claude, B.A., Roosevelt University
John Richard Colburn, A.B., Washington University
Sara Eve Kanter Colburn, A.B., Washington University
Frances Ann Crawford, A.B., Fontbonne College
Winifred Golliday Deavens, B.S., Shaw University
Gregory William Edwards, A.B., Washington University
Barbara Jo Finn, A.B., Washington University
Sarah Priest Fonyó, B.A., Wellesley College
Barbara Sue Framer, A.B. cum laude, Washington University
Rebecca Ann Gasbarre, B.A., Webster College
Bessie Loye Goodspeed, A.B., Boston University
Dorothy Ozment Gorman, B.S., Washington University
Karen Leslie Gottesman, A.B. magna cum laude, Boston University
Essie Lindsey Harrison, B.S.Ed., University of Missouri
Susanne Margaret Harvath, A.B. cum laude, Saint Louis University
Vera Lee Hayes, B.S.Ed., Southern Illinois University
James Michael Herring, A.B., St. Mary's Seminary and University
Chester Hines, Jr., A.B.Ed., Harris Teachers College
Paul Clayton Horn, B.S.Ed., Southeast Missouri State University
John Edwin Horst, Jr., B.A., Central Methodist College
Ronald Franklin Hursh, B.A., Central Washington State College
Martha Lynne Jander, B.A., The University of Kansas
Barbara Lee Johnson, B.S.Ed., Valparaiso University
Harry S Jonas III, A.B., Washington University
Janet Robinson Katz, A.B., Washington University
Kathleen Ann Keusenkothen, B.S.Ed., University of Missouri at St. Louis
James Verne Kyle, B.S., Urbana College
Adolph M Lee, B.A., Lincoln University
Bessie Biggs Lester, B.A.A. and S., Detroit Institute of Technology
Constance Naomi Levy, A.B., Washington University
Gary Allen Lisch, A.B., Washington University

Harvey Alan Loomstein, A.B., Washington University
Gail Marshall, B.A., Marymount College
Lucille Brown Mitchell, B.S.N., Saint Louis University
Marilyn Leslie Moore, B.S., Lindenwood College
Kem Gerard Mosley, B.S.P.E., Kansas State University
Shirly Dubinsky Pervil, B.S., Boston University
Barbara Baumgardner Prideaux, B.A., San Francisco State College
Dorothy Lorraine Roper, B.S.Ed., University of Missouri at St. Louis
Peter Alan Rosenberg, A.B. Washington University
Emily Harris Rubinfield, B.A., Trenton State College
Linda Diane Schumacher, A.B., Washington University
Elizabeth Anne Schwartz, B.S.Ed., Texas Christian University
Douglas Wilbert Scott, A.B., Wheaton College
Susan Williams Sindel, B.S.Ed., The University of Kansas
Gloria Delores Smith, B.A., Howard University; M.A., ibid.
Suzanne Batush Sonduck, A.B., Washington University
Martin Philip Goldstein Sussman, B.A. cum laude, Yale College
Janet Reissen Sweda, A.B. (hons.), University of Illinois
Mary Elizabeth Wagner, B.S.N., Saint Louis University
Vivian Radden Wilkerson, B.S., Anderson College
Annie Lynch Williams, B.S., Tennessee Agricultural and Industrial State University

IN MUSIC EDUCATION

Carol Halleck Moppins, B.Mus., Fontbonne College

IN PHYSICAL EDUCATION

Thomas Charles DiMaria, B.S.Ed., Quincy College
David Frank Dunkman, A.B., Washington University
Donald Dudley Ingerson, A.B., The Monmouth College

December 22, 1973

IN EDUCATION

Clyde Ernest Buzzard II, B.A., The Tulane University of Louisiana
Sara Beth Eckardt, B.S.Ed. cum laude, University of Missouri at St. Louis
Pamela Therese Gottfried, A.B., Saint Louis University
Jane Elizabeth Schmitt, B.S.Ed., University of Missouri at St. Louis
Eric Jay Telmer, B.A.Psy., State University of New York at Buffalo

IN MUSIC EDUCATION

Patricia Ann Kahn, B.Mus., Fontbonne College

IN PHYSICAL EDUCATION

Patricia Anne Yaeger, B.S., George Peabody College for Teachers

August 17, 1973

IN EDUCATION

Sherry Rose Abelove, A.B., Washington University
Paul Edwin Brammeier, B.S.Ed., Concordia Teachers College; M.A.R., Concordia Seminary
Margaret Ann Humphreys Campbell, A.B., Washington University
Janet Benowitz Eigner, A.B.Ed., The University of Michigan
Beverly Ann Frank, A.B., Washington University
Judith Maureen Frankovich, B.A. cum laude, Notre Dame College
Catharine Louise Gutjahr, B.S.Ed., Northeast Missouri State Teachers College
Janet Anne Hollis, B.S.Ed., University of Missouri at St. Louis
Annette Marie Houston, A.B., University of Missouri
Jesse James Johnson, A.B.Ed., Harris Teachers College
Julia Crawford Jordan, A.B.Ed., Harris Teachers College

Robert Beamer Kottkamp, B.A., DePauw University
Deborah Lynn Levy, A.B. (hons.), University of Illinois at Chicago Circle
Robert Charles Lorenz, B.S., University of Illinois
Daniel Joseph Manzelli, A.B.Ed., Harris Teachers College
Patricia Anne Naeger, B.A., Purdue University
Melba Counts Pflueger, B.S.HomeEc., University of Missouri
Theodore Stuart Plavin, A.B., Washington University
Chaille Gail Bartley Roberson, A.B., Washington University
Raymond Leeroy Rule, A.B.Ed., Harris Teachers College
Mary Elizabeth Hemker Sadlo, B.S.Ed., St. Thomas Aquinas College
John Edward Schnare, A.B., Georgetown University
Barbara Schnurman, A.B., University of Missouri
Michael Silver, A.B., Washington University
Clark Dennis Simmons, B.S., Tennessee Agricultural and Industrial State University
Linda Ann Sunnen, B.A., DePauw University
Margaret Rosson Wall, B.S., Washington University

IN HEALTH EDUCATION

Dorothy Bartling McLellan, B.S.N., Saint Louis University
Ida Elizabeth Reinhardt, B.S.N., Saint Louis Univeristy

IN MUSIC EDUCATION

Frances Mary Irwin, B.S.P.S.Mus. magna cum laude, Duquesne University
Marilyn Terese Schneider, B.Mus., Fontbonne College
Shirlie Chambers Solomon, B.Mus.Ed., Central Missouri State College

IN PHYSICAL EDUCATION

Barbara Cox Bockhorst, B.S.Ed., University of Missouri
Dolores Wood Brislane, A.B.Ed., Harris Teachers College
David Monroe Ellis, B.S.Ed., Central Methodist College
Melva Maynard Jones, B.S.Ed., Langston University
Richard Harry Koettker, B.S.Ed., Southeast Missouri State College
Paul Samuel Krebs, B.S., Southwest Missouri State College
Francis John Martin, B.S., Saint Louis University
Georgeann Carol McCarthy, B.A., Fontbonne College
Kathleen Sue Pace, B.S.Ed., Southwest Missouri State College
Boris Gabriel Sylvia, Sr., B.S.Ed., Southwest Missouri State College

MASTER OF SCIENCE IN SPEECH AND HEARING

May 19, 1974

Corinne Joanne deBellefeuille, B.Sc., Dalhousie University
Shirley Allison Fowler, B.S.S.P.A., Clarion State College
John Louis Frye, B.S., The University of Wisconsin
Teresa Nannette Kiser, B.A., Centre College of Kentucky
Karen Sue Kramer, A.B., Washington University
Patricia Anne LaCoste, B.A., Auburn University
Anne Troy Lewandowski, B.S.Ed., The University of Kansas
Darla Middlebrook, B.A., The College of Wooster
Alyce Naomi Mukai, B.S., University of Hawaii
Dorothy Elaine Roese, B.S.Ed., Bowling Green State University
Louise Judith Salant, B.A. cum laude, State University of New York at Stony Brook
Nancy Lynn Schilling, B.S., College of Saint Teresa
Karen Ann Suty, B.A. (hons.), Michigan State University
Sylvia Neely Swanson, A.B., Washington University

MASTER OF MUSIC

May 19, 1974

Gary Thomas Crank, B.S.Ed., Northeast Missouri State Teachers College
Kathleen Ruth Palmer Flom, B.A. cum laude, St. Olaf College
Carol Peden Mayer, B.A. magna cum laude, Duke University

December 22, 1973

Janet Bertha Krupnik, B.Mus.Ed., Bradley University
Thomas Richard Pearce, B.Mus., Midwestern University

ADVANCED GRADUATE CERTIFICATE IN EDUCATION

May 19, 1974

IN EDUCATION

Joan Dicker Pearlman, A.B., Washington University; M.A.Ed., ibid.

December 22, 1973

IN EDUCATION

Clyde Ernest Buzzard II, B.A., The Tulane University of Louisiana
Jane Bray Huffstutler, A.B., University of Kentucky;
M.A.Ed., Washington University
Charles Henry King, B.S., Memphis State University; M.A., ibid.

August 17, 1973

IN EDUCATION

Margaret Ann Schulte, B.A. cum laude, Notre Dame College;
M.A., University of Notre Dame
Doris Marie Tipton, A.B.Ed., Harris Teachers College;
M.A.T., Webster College

DOCTOR OF EDUCATION

May 19, 1974

IN MUSIC EDUCATION

Hugh William Jacoby, A.B., Los Angeles State College;
M.A., Chico State College
Title of Thesis: Selected American Composers Affiliated with American Colleges and Universities: Biographical Sketches, Their Productivity, Professional Status, Performance of Works and Attitudes Toward University Patronage

DOCTOR OF PHILOSOPHY

May 19, 1974

IN ANATOMY

Richard Allen Hastings II, B.A., Cornell College
Title of Thesis: Preimplantation Development in the Rabbit Embryo: A Study of Uptake and Transport of Exogenous Protein and the Formation of Junctional Complexes

IN ANTHROPOLOGY

William Harrison Marquardt, B.A., The Florida State University; M.A., University of Kentucky
Title of Thesis: A Temporal Perspective on Late Prehistoric Societies in the Eastern Cibola Area: Factor Analytic Approaches to Short-term Chronological Investigation

Ronald Lee Stutzman, A.B., Indiana University; A.M., Washington University
Title of Thesis: Black Highlanders: Racism and Ethnic Stratification in the Ecuadorian Sierra

IN ART AND ARCHAEOLOGY

Mary Michele Hamel, B.A. cum laude, Michigan State University; A.M., Washington University
Title of Thesis: A French Artist: Leon Lhermitte (1844-1925)

IN BIOLOGICAL CHEMISTRY

Richard Alan Jacobs, A.B. cum laude, Oberlin College
Title of Thesis: Regulation of Mammalian Fatty Acid Biosynthesis

Yuan-Jih Tan Yue, B.Sc., National Taiwan University; M.S., Universitatis Yalensis
Title of Thesis: Phospholipid Monolayers at Oil-Water Interfaces

IN BIOLOGY

Philip Hungsun Jen, B.Sc., Tunghai University; A.M., Washington University
Title of Thesis: Coding of Directional Information by Single Neurons in the Superior Olivary Complex of Echolocating Bats

Walter Carr Kruckeberg, B.A., St. Olaf College; M.S., Saint Mary's College
Title of Thesis: Chicken Erythrocyte 5′-AMP deaminase: Changes in Kinetic Properties During Purification

IN CHEMISTRY

Neng-hsing Lu, B.Sc., Taiwan Provincial Cheng Kung University; M.S., Brown University
Title of Thesis: Nucleon-Gamma Competition Following (α,p) and (α,n) Reactions on ^{54}Fe

IN COMPARATIVE LITERATURE

Emma Mellard Kafalenos, A.B., Washington University; A.M., ibid.
Title of Thesis: Possibilities of Isochrony: A Study of Rhythm in Modern Poetry

IN ECONOMICS

Tom Stuart Witt, B.A., Oklahoma State University; A.M., Washington University
Title of Thesis: The Regional Racial Unemployment Rate Differential

IN EDUCATION

William Parry Gussner, A.B., Illinois College; M.A.Ed., Washington University
Title of Thesis: The Socialization of a School Administrator

Horace Mitchell, A.B., Washington University; M.A.Ed., ibid.
Title of Thesis: Psychological Openness and Sensitivity to the Black Experience as Predictors of the Effectiveness of White Counselors in Simulated Counseling Relationships with Black Clients

Martha Fiedler Spring, B.A., Mercyhurst College
Title of Thesis: The Development of an Observational Measure of Classroom Influence

Ronald G Wolfson, A.B., Washington University; A.M., ibid.
Title of Thesis: A Description and Analysis of an Innovative Living Experience in Israel—The Dream and the Reality

IN GERMAN

Elisabeth Uttenthal Price, B.A., University of Oxford; M.A., ibid.; A.M., Washington University
Title of Thesis: Don Juan: A Chronicle of His Literary Adventures in Germanic Territory

Christiane Schüler Seiler, A.B. magna cum laude, Syracuse University; A.M., Washington University
Title of Thesis: Wielands Charakterbehandlung: Eine Analyse

IN HISTORY

John Paul Grundman, A.B., Columbia University; A.M., Washington University
Title of Thesis: The Popolo at Perugia, 1139-1309

Robert Roy Hollander, A.B., University of California, Berkeley; M.A., ibid.; A.M., Washington University
Title of Thesis: The Theology and Social Philosophy of Anglican Christian Socialism: The Roots and Mission of the Church Socialist League (1906-1924)

IN MATHEMATICS

Ronald Fred Levy, A.B., Washington University; A.M., ibid.
Title of Thesis: Non-Blumberg Baire Spaces and Related Topics

Richard Lee Rubin, A.B. summa cum laude, Washington University; A.M., ibid.
Title of Thesis: Harmonic Analysis on the Group of Rigid Motions of the Euclidean Plane

IN MUSIC

Maria Johanna Kremer, B.Mus., Washington University; M.Mus., ibid.
Title of Thesis: The Organ in Symphonic Ensemble

Gary Lee Nelson, B.Mus. magna cum laude, Youngstown University; A.M., Washington University
Title of Thesis: Part I: Anton Webern's *Five Canons*, opus 16: A Test Case for Computer-Aided Analysis and Synthesis of Musical Style
Part II: Double Quartet, January 1973

IN NEUROBIOLOGY

Julia Ruth Currie, A.B., Radcliffe College
Title of Thesis: Some Observations on the Development of the Visual System in the Frog, *Rana pipiens*

IN PHARMACOLOGY

Michael Howard Gay, B.A., The University of Chicago
Title of Thesis: Effects of Phenobarbital on Electrocorticogram and Activity, on Regional CNS Energy Metabolism, and on Presynaptic Events in Cerebral Cortex and Brain Stem

IN PHILOSOPHY

Bruce Worthing Hauptli, B.A., Lawrence University; A.M., Washington University
Title of Thesis: From Myth to Metaphor: A Study of W. V. Quine's Epistemological Realism

IN PHYSICS

Ronald Charles Maehl, B.S.Phys., University of Missouri at Rolla; A.M., Washington University
Title of Thesis: The Composition of Cosmic Rays with $Z \geq 12$

Martin Edward Smithers, B.S., Southwestern at Memphis; A.M., Washington University
Title of Thesis: Quantum Theory of Coherent Spontaneous and Stimulated Emissions

IN POLITICAL SCIENCE

John Howard Bing, B. A., Yale University; Dipl. Educ., Makerere University College; M.A., Northwestern University
Title of Thesis: Tribe and Elections in Uganda

Roger Paul Nye, B.A., Williams College; A.M., Washington University
Title of Thesis: The Military in Turkish Politics, 1960-1973

IN PSYCHOLOGY

Francis Edward Gomer, Jr., A.B., Colgate University
Title of Thesis: Contrasting Behavioral Effects of Selective Septal or Hippocampal Lesions in the Rat

Patricia Claire Heidenheimer, B.A., The University of Sydney; Dipl. Educ., ibid.
Title of Thesis: Linguistic Processes in the Cognitive Development of Children from Five to Twelve Years

Joan Miles Oliver, B.A., Wellesley College; B.A.Psy., University of London
Title of Thesis: Some Determinants of Experimental Neurosis in Cats

Frank Lewis Spring, B.A., The University of Texas
Title of Thesis: Mediators of Change in Family Interaction Patterns: Video Modeling Versus Audio Modeling Versus Instructions

IN SOCIAL WORK

Martha Elizabeth Gentry, B.S.Ed., Indiana University; M.A., Teachers College, Columbia University; A.M., Indiana University
Title of Thesis: Initial Group Meetings: Member Expectations and Information Distribution Process

Nancy Ann Lafferty, B.A., Viterbo College; M.A., The Catholic University of America; M.S.W., Washington University
Title of Thesis: A Multidimensional Curriculum Innovation Model Developed in an Undergraduate Social Work Program

IN SOCIOLOGY

Nancy Nichols Jackson, A.B. magna cum laude, Brandeis University; A.M., Washington University
Title of Thesis: Meeting Silence: The Religious Uses of Group Silence

Satit Niyomyaht, B.Ed., Ministry of Education, Bangkok, Thailand; M.A.Ed., Institute of Education and Research, University of Panjab; M.A., The University of Kansas
Title of Thesis: Differential Fertility in Thailand

Luis Augusto Serrón Patow, B.S., University of Illinois; A.M., ibid.
Title of Thesis: Scarcity, Exploitation and Poverty in Mexico: An Essay on the Sociology of Knowledge

IN BIOLOGICAL CHEMISTRY

Charles Thomas Esmon, B.S., University of Illinois
Title of Thesis: Function of Factor V in Prothrombin Activation

IN BIOLOGY

Carol Ann Beatty Axtell, B.A., Southern Illinois University at Edwardsville; M.A., ibid.
Title of Thesis: Ecological Significance of Lactate Dehydrogenase Variants in the *Rana pipiens* Species Complex

Gail Beresford Schiffer, B.A. cum laude, Macalester College
Title of Thesis: The Role of Spacing Behavior in Population Regulation of the Confused Flour Beetle, *Tribolium Confusum*

Dianne Seale, B.S. (hons.), The University of Alabama
Title of Thesis: The Impact of Amphibian Larval Populations on an Aquatic Community

Frederick Herbert Utech, B.S. (hons.), The University of Wisconsin; M.S., ibid.
Title of Thesis: A Biosystematic Study of the Genus *Clintonia* Raf. (Liliaceae: Polygonatae)

IN BUSINESS ADMINISTRATION

James Ellsworth Martin, B.A.Adm., Antioch College; M.B.A., Washington University
Title of Thesis: Union-Management Attitudes and Relations in the Federal Government: An Organizational Behavior Study at the Local Union Level

Murphy Andrews Sewall, B.S.E., Princeton University; M.B.A., Washington University
Title of Thesis: Implications of Moments of Activity Probability Models on Completion Time Estimates for Directed, Acyclic Networks

IN CHEMISTRY

John Charles Budzinski, B.S., Washington University
Title of Thesis: Studies on Pinenes and 9-Substituted Pinanes. Part I: Studies on the Biosynthesis of β-Pinene. Part II: The Rearrangement of 9-Substituted Pinanes

Linda Cross Kurz, A.B. summa cum laude, Washington University; A.M., ibid.
Title of Thesis: The Alkaline Dissociation of Myosin

Steven Alan Mestemacher, A.B. cum laude, University of Missouri at St. Louis; A.M., Washington University
Title of Thesis: The $pK_a(\neq/=)$ Approach to the Characterization of some S_n2 Transition States

IN CLASSICS

Mary Lee Sivess McConaghy, A.B. cum laude, Bryn Mawr College
Title of Thesis: Sallust and the Literary Portrayal of Character

IN COMPARATIVE LITERATURE

Charles Clifford Flanigan, B.A., Concordia Senior College; B.D., Concordia Seminary
Title of Thesis: Liturgical Drama and Dramatic Liturgy: A Study of the *Quem Queritis* Easter Dialogue and its Cultic Context

IN ECONOMICS

Arthur Thomas Denzau, B.S., Arizona State University; A.M., Washington University
Title of Thesis: Majority Voting and General Economic Equilibrium: A Synthesis

Joseph Patrick Mulholland, B.S.Econ., Villanova University; A.M., Washington University
Title of Thesis: An Empirical Analysis of Takeover Activity: 1967-69

IN EDUCATION

Michael Olarewaju Alafe-Aluko, B.A. (hons.), University College of North Wales
Title of Thesis: The Historical Development of the Comprehensive High School Aiyetoro, Nigeria: A Case Study in Educational Development

IN ENGLISH

Mary Williams Burger, B.A., Agricultural, Mechanical and Normal College; M.A., Colorado State University
Title of Thesis: Black Autobiography: A Literature of Celebration

Richard Gary Law, A.B., The University of Nebraska; M.A., ibid.
Title of Thesis: The Mastering Vision: The Early Fiction of Robert Penn Warren

Roy Lee Weitzel, A.B., San Francisco State College; M.A., ibid.
Title of Thesis: Eloquence and Truth in Milton's Prose

IN FRENCH

John Sanford Dugan, B.A., Yale University; M.A., The Johns Hopkins University
Title of Thesis: Ronsard and the Valois: The Reign of Henri II (1547-1559)

Anne Castelain Perry, A.B., Randolph-Macon Woman's College; A.M., Duke University
Title of Thesis: George Sand: Feuilletoniste (1844-1848)

IN GERMAN

Gisela Haupt Kopp, B.S.Ed., Southwest Missouri State College; A.M., Washington University
Title of Thesis: The Concept of *Triuwe* in Konrad von Würzburg's *Engelhard* and *Partonopier and Meliur*

IN HISTORY

Colin Bradley Burke, A.B., San Francisco State College; M.A., ibid., A.M., Washington University
Title of Thesis: The Quiet Influence: The American Colleges and Their Students, (1800-1860)

David Michael Grossman, B.A., The City College of New York; M.A., The Johns Hopkins University; A.M., Washington University
Title of Thesis: Professors and Public Service, 1885-1925: A Chapter in the Professionalization of the Social Sciences

Arthur Harold Williamson, B.A., Carleton College; A.M., Washington University
Title of Thesis: Antichrist's Career in Scotland: The Imagery of Evil and the Search for a Scottish Past

IN MICROBIOLOGY AND MOLECULAR BIOLOGY

Kenneth John Cremer, B.A., University of California, San Diego
Title of Thesis: Chloramphenicol Effects on RNA Metabolism in *Escherichiacoli*

IN NEUROBIOLOGY

Nancy Carolyn Kendrick, B.S., Illinois State University
Title of Thesis: Synthetic Studies on Alamethicin

Shirley Ann Sahrmann, B.S.P.T., Washington University; A.M., ibid.
Title of Thesis: The Effects of Prolonged Electrical Cutaneous Stimulation on Polysynaptic and Monosynaptic Reflexes in the Hindlimbs of the Decerebrate Cat

IN PATHOLOGY

David Gordon Kaufman, B.A., Reed College; M.D., Washington University
Title of Thesis: Studies on the Synthesis of DNA "In Vitro" in Nuclei Isolated from Rat Liver

IN PHARMACOLOGY

Francisco Anibal Posadas del Rio, B.Biol.Sc., State Preparatory School "Venustiano Carranza"; M.D., The National Autonomous University of Mexico
Title of Thesis: Glutathione-Organic Nitrate Reductase in Mammalian Tissues: Purification and Characterization

IN PHILOSOPHY

Thomas William Attig, B.A., Northwestern University; A.M., Washington University
Title of Thesis: Cartesianism, Certainty and the Cogito in Husserl's *Cartesian Meditations*

Eric Summit Blanchard, A.B. cum laude, Washington University; A.M., ibid.
Title of Thesis: Describing Systematic Activities

John Francis Kavanaugh, Classical A.B. magna cum laude, Saint Louis University; A.M., ibid.; Ph.L., ibid.; M.Div., ibid.; A.M., ibid.
Title of Thesis: Whole and Part in Hegel, Marx, and Marcuse

Thomas William Simon, B.A., The St. Lawrence University; A.M., Washington University
Title of Thesis: Teleological Clocks-Cybernetic Clouds: A Philosophical Analysis

IN PHYSICS

Derrick Peter Grimmer, A.B. summa cum laude, Washington University; M.A., The University of Wisconsin
Title of Thesis: Nuclear Magnetic Resonance in He^3 Absorbed on Graphite Below 4.2K

IN POLITICAL SCIENCE

George Howard Poteat, B.A., California State College at Fullerton; M.A., ibid.
Title of Thesis: Strategic Intelligence and National Security: A Case Study of the Korean Crisis (June 25-November 24, 1950)

IN PSYCHOLOGY

David Albert Bremer, B.A., Trinity College
Title of Thesis: Attention during Reading in Hyperactive Boys: Reactions to Distracting Stimuli and to Rewards

William John Duane, B.A., Trinity College
Title of Thesis: The Comparative Effect of Brief Relaxation Procedures and a Verbal Operant-Feedback Technique in Relaxation Training

Sherman Athonia James, A.B., Talladega College
Title of Thesis: The Effects of the Race of the Experimenter and Race of Comparison Norm on Social Influence in Biracial Cooperative Problem Solving Dyads

Nancy Jackson Thomas, A.B., Mount Holyoke College
Title of Thesis: Body Attitude as a Function of Obesity, Neuroticism, and Sex

Julien Worland, B.A., McGill University
Title of Thesis: Effects of Reward and Punishment on Behavior Control in Hyperactive and Normal Boys

IN SOCIOLOGY

Francis Bernard Galligan, Jr., B.S., United States Military Academy
Title of Thesis: The Theme of Modernizing Military: A Sociological Reading of the Literature

IN ANTHROPOLOGY

Richard Merrill Schwartz, B.S., Iowa State University;
M.A., Northern Illinois University
Title of Thesis: The Structure of Christian-Muslim Relations in Contemporary Iran

Gustav Edward Thaiss, B.A., American University of Beirut, Lebanon;
A.M., Washington University
Title of Thesis: Religious Symbolism and Social Change: The Drama of Husain

IN BIOLOGICAL CHEMISTRY

Edward George Kendrick, B.A., University of Minnesota
Title of Thesis: Isolation, Partial Purification and Characterization of Sialolglycopeptides Cleaved by Trypsin from Frog Skeletal Muscle

Richard Martin Langer, B.S.L.S., Massachusetts Institute of Technology
Title of Thesis: Coenzyme Effects on Uridine Diphosphoglucose 4′ Epimerase

Barbara Ellen Noyes, B.S. summa cum laude, Beloit College
Title of Thesis: The Structure and Function of β-Hydroxyacyl CoA Dehydrogenase from Swine Heart Muscle

IN BIOLOGY

Margery Cohen Beinfeld, A.B., Washington University
Title of Thesis: Electron Spin Resonance Signal II: The Relation of the Signal to Photosynthetic Electron Transport

IN CHEMISTRY

Michael Dewey Loberg, B.S., Trinity College; A.M., Washington University
Title of Thesis: The Chemical Reactions of Energetic Iodine Atoms with Simple Hydrocarbons

James Allen Miles, B.A. summa cum laude, Bradley University;
A.M., Washington University
Title of Thesis: Approaches to the Synthesis and Properties of Thia-aromatics

IN ECONOMICS

David Lamont Landes, B.A., Antioch College; A.M., Washington University
Title of Thesis: Import Substitution and the Demand for Labor in Urban Chile, 1930-1970

IN EDUCATION

Janet Reed Collins, A.B., University of Cincinnati;
M.A.Ed., Washington University
Title of Thesis: Training for Cognitive and Affective Complexity among Seventh Grade, Inner-City, Black Students

Albert George Kalmar, B.A., Kansas State University; M.S., ibid.
Title of Thesis: The Transfer Effect of the Knowledge of English Syntax on the Acquisition of the Syntax of German

Daniel John Montgomery, A.B., Earlham College
Title of Thesis: The Effect of Cognitive Role Playing on Attitudes toward the Use of Power to Control Children's Behavior

IN ENGLISH

Gerald Joseph Schiffhorst, B.S., Saint Louis University; A.M., ibid.
Title of Thesis: Art and Design in *Pericles*: A Study in Shakespearean Experimentation

IN FRENCH

Minnette Helen Grunmann, A.B., Washington University; A.M., ibid.
Title of Thesis: Narrative Voices in *La Chanson de Guillaume, Galeran de Bretagne,* and *Guillaume de Dole*

Eleanor Paige Wisotzki, B.A., Hood College; M.A., Middlebury College
Title of Thesis: A Study and Preliminary Edition of *Amadas et Ydoine*

IN MOLECULAR BIOLOGY

Albert Boosman, B.S., State University of New York at Albany; M.S.T., University of North Dakota
Title of Thesis: The Subunit Structure of Skeletal Muscle AMP Deaminase from Rabbit and Chicken

Anne O'Neill Summers, B.S., University of Illinois; M.S., ibid.
Title of Thesis: Plasmid-Borne Mercury (II) Resistance in *Escherichia Coli*

IN MUSIC

Charles Alan Beeler, B.M., Illinois Wesleyan University; A.M., Washington University
Title of Thesis: Winter Music/Cartridge Music/Atlas Eclipticalis: A Study of Three Seminal Works by John Cage

Roland Carroll Jordan, Jr., B.Mus., University of Houston; A.M., University of Pennsylvania
Title of Thesis: Part I: Time's Space (Encounters) Part II: Schonberg's String Trio, Op 45: An Analytic Study

Vivian Poates Wood, B.Mus., University of Hartford; M.Mus., Washington University
Title of Thesis: Francis Poulenc's Songs for Voice and Piano

IN NEUROBIOLOGY

Linda Ann Osborn, B.S., Purdue University
Title of Thesis: The Sodium Pump of Garfish Olfactory Nerve: NaKATPase Activity, Post-Tetanic Hyperpolarization, and Metabolic Interaction

IN PHARMACOLOGY

Charles David Ross, B.S.Pharm., The University of Texas; M.S. Pharm., ibid.
Title of Thesis: Part I: Choline Acetyltransferase and Cholinesterase in Cerebellum and Retina. Part II: An Enzymatic Assay for Picomolar Quantities of Acetylcholine

IN PHILOSOPHY

William Edward Campbell, B.A., Kenyon College; A.M., Washington University
Title of Thesis: Wittgenstein's Picture Theory of Meaning

IN PHYSICS

Nai-cheng Chao, Dipl., Taiwan Provincial Paipei Institute of Technology; M.S., Kansas State University
Title of Thesis: Exotic Phases of Neutron-Star Matter

Kai-Yuan Chung, B.Sc., National Taiwan University; M.S., University of Illinois
Title of Thesis: Theory of Distribution Functions

David Harry Hall, B.S.Phys., Carnegie Institute of Technology; M.S.Phys., ibid.
Title of Thesis: Functional Equations for $g(r)$ in Helium^4

Howard Phillips Hoyt, Jr., B.A., Albion College
Title of Thesis: Thermoluminescence Studies of the Irradiation History of Lunar Rocks

Ying-Tsong Loh, B.S.E., Taiwan Cheng Kung University;
M.S.E.E., Institute of Electronics, National Chiao Tung University;
M.S., University of Waterloo
Title of Thesis: Some Surface Effects on Metals

Charles Wesley Myles, B.S.Phys., University of Missouri at Rolla;
A.M., Washington University
Title of Thesis: Two Theoretical Aspects of the Study of Magnetic Systems

IN POLITICAL SCIENCE

John Robert Gist, B.S., Loyola University; A.M., Washington University
Title of Thesis: Uncontrollable Federal Spending and the
Theory of Budgetary Incrementalism

IN PSYCHOLOGY

Marlene Hoffman Becking, A.B. cum laude, Hope College
Title of Thesis: Effects of Verbal Labeling and Pretraining on Discrimination of Colors with Preschool Deaf and Hearing Children

Judith Elaine Bischoff, B.A. cum laude, Macalester College
Title of Thesis: *para*-Chlorophenylalanine and the Blood-Brain Barrier

Larry David Doll, B.A., University of Oklahoma
Title of Thesis: A Multidimensional Study of Job Satisfaction and Performance

Ibrahim Issa Ibrahim, B.Sc., Faculty of Agriculture, Ain Shams University;
M.Sc., Faculty of Agriculture, Cairo University;
A.M., Washington University
Title of Thesis: Immunophysiological and Behavioral Parameters in Rats as Related to Age and Environment

Jonathan Waldo Keck, B.A., Westminster College;
M.A., University of Missouri at Kansas City
Title of Thesis: The Role of Vicarious Processes in the Instrumental Learning Paradigm

Jean Belieff Mannino, B.A. cum laude, Knox College
Title of Thesis: The Relationship of Three Maternal-Social Conditions to Boys' Level of Abstract Concept Formation

Ronald Gene Schenberg, A.B., Washington University
Title of Thesis: The Relation of Time Perspective and Self-Actualization to Ego Development

IN SOCIAL WORK

John Dreon Rimmer, B.A., The College of Wooster;
M.S.W., Washington University
Title of Thesis: The Association Between Selected Social, Academic, and Genetic Variables and College Student Psychiatric Illness

IN SOCIOLOGY

Robert Lee Maril, A.B., Grinnell College; M.A., Indiana University
Title of Thesis: Listener Supported Radio—A Case Study

George Ross Vickers, A.M., Washington University
Title of Thesis: The Formation of the New Left: Radical Consciousness and Social Process

William Patrick Watson, B.A., Oakland University;
A.M., Washington University
Title of Thesis: Devils, Distinctions and Disciplines: A Study of Patriarchalism and the Development of Class Experience in Europe

PRIZES, AWARDS AND HONORS

ETHAN A. H. SHEPLEY AWARD

In recognition of leadership, scholarship and service to the Campus Community, Andrea Lynn Glassner, Clyde Dahner Greaves, James Kenneth Harlan, Gregory Lamont Mixon, Jay Marshall Newman, Mary Jo Sawicki

THE COLLEGE OF ARTS AND SCIENCES AND THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Academy of American Poets Prize in English: First Prize, Judith Rose Rechter, Second Prize, Candice Haddad Campbell, Honorable Mention, Margaret Movshin Criscuola

Antoinette Frances Dames Award for Productive Scholarship: In Music, Kristina Lanphear Follrath
In Political Science, Peggy Ann Heilig, Esther Susan Starrels, Peggy Marie Tobolowsky
In Speech and Hearing, John Louis Frye

F. Ward Denys Prize in English, Alan Mark Shapiro, Honorable Mention, Joyce Maria Warner

W. E. B. DuBois Award, Gregory Lamont Mixon

Dramatics Club Prize, James Evan Callanan, James August Reid

J. Walter Goldstein Prize in History, Joseph Paul Lawrence

Roger Conant Hatch Prize in English, Caroline Rose Roberts, Honorable Mention, Erica Hope Levy Klein, Steven Jay Phillips

Arnold J. Lien Prize in Political Science, Peggy Marie Tobolowsky, John Edward Chubb

Francois Dominique Toussaint L'Overture Service Award, Cynthia Marie Brown

Norma Lowry Memorial Fund Prize, Richard Gordon Swartz, Honorable Mention, Charles Ossian Hartman

Ross A. Middlemiss Prize in Mathematics, David Bruce Emmes, David Hillel Terman

John C. Sowden Memorial Prize in Chemistry, Paul Harold Theerman

The Black Scholar Honor List, Nellie Anderson, John Wesley Nichols III, Brenda Elaine Patton, Vanessa Jean Weaver, Yvonne Annette Swindall Whiters

The Patrice Lumumba Award, Nellie Anderson, Willie Frank Lester, Delores Ellen Ransom Lewis, Vanessa Jean Weaver

Marian Smith Spector Prize in Biology, Patrick Lynn Molt, Gary Alan Willer

Shirley McDonald Wallace Prize in History, Jeremy Leonard Gutman

Carter G. Woodson Memorial Prize, C Beatrice Hill

THE SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Antoinette Frances Dames Award for Productive Scholarship, Annette Lee Dudek, Kenneth Paul Gibbs, Harry Gustave Woehrle III, Chao-Ping Wu

Joe B. Butler Memorial Award of the Missouri Society of Professional Engineers, Carl Roger Schwartz

Missouri Society of Professional Engineers Wives Scholarship, Michael Robert Blaha

Dean's Award for Unusually Exceptional Academic Achievement, James Allan Greenfield

National Science Foundation Fellowship, James Allan Greenfield, James Kenneth Harlan

Applied Mathematics and Computer Science Departmental Award, Michael Leonard Powell

Association for Computing Machinery Award, David Joseph Rossetti

Ade H. Winheim American Chemical Society Award, James Kenneth Harlan

St. Louis Section, American Institute of Chemical Engineers,

Outstanding Senior Chemical Engineering Achievement Award, John Robert Wright

St. Louis Section, American Institute of Chemical Engineers, Senior Scholastic Achievement Award, Kurt Alan Feichtinger

American Institute of Chemical Engineers Award, Philip John Schmitt

American Society of Civil Engineers Award, Thomas Henry Stegmann

Civil Engineering Departmental Awards, Joseph Ray Davidson, Joseph Lee Hutchins, Jr., Bruce Edward Rittmann

Ernest L. Ohle Award in Earth Sciences, Deborah Lynn Mabes

Joseph Razek Prizes, Mary Elizabeth McKeown, Charles Wilmot Miller

St. Louis Electrical Board of Trade Award, Daniel James Sucher

Institute of Electrical and Electronics Engineering Student Paper Award, Gerald Robinson Keller

School of Engineering and Applied Science Design Contest:
Lowerclassmen, First Place, Bernard Lewis Hayes, Walter Clark Milliken
Second Place, Jordan Arthur Hirsch, Douglas Henry Sundmacher
Third Place, Annette Lee Dudek, Dorothy Gwin Roy

Upperclassmen, First Place, Carolyn Sue Smelter, Edwin Allan Snyder, Celia Elizabeth Yeack
Second Place, Charles Wilmot Miller, David Michael Prokopchuk
Third Place, John Joseph Madras, Robert Eck Scott

Final Honors

John Alan Boerner
Kurt Alan Feichtinger
James Allan Greenfield
James Kenneth Harlan
Joyce Helen Montwieler
Michael Leonard Powell
David Michael Prokopchuk
John Butler Schweitzer
Daniel James Sucher
Celia Elizabeth Yeack

THE SCHOOL OF ARCHITECTURE

Association of Women in Architecture and Allied Arts, Randy Olga Abramson, Margaret Eileen Ferguson, Alice Weil Franklin, Susan Pearl Freeman, Elise Rebecca Friedman, Janet Gail Hurwitz, Joan Alice Kirchheimer, Lynn Betty Meyers, Cathy Jane Neuman, Hannah Rae Roth, Margaret Joan Sedlis, June Patrice Uhlman, Mary Ellen Welsh, Claudia Ann Wilson

Alpha Rho Chi Medal, Hannah Rae Roth

American Institute of Architects Medal and Certificate, John Rutledge Lawhon

American Institute of Architects Certificate, Walter Leroy Eckenhoff

Frederick Widmann Prize in Architecture, Gregory Sebastian Palermo, Richard James Springwater

Women's Architectural League of the St. Louis Chapter, American Institute of Architects, Richard Douglas Kalish

THE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION AND THE GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

Alexander Grant Award, Michael Allen Markenson

Bache and Company Scholarship, Carla Sue Carstens

Boatmen's National Bank Scholarship, Gail Ann Greenberg, James William Taylor, Terry Lee Tessier

Edward Chase Garvey Memorial Scholarship, Thomas Murray Costello, George William Joseph Daignault

Max A. Hayutin Honorary Award, David William Larson

William S. Krebs Accounting Award, Fred Paul Curry, James Joseph Echt, Samuel Goldstein, Mark Richard Harris, Frederick Charles Lewis, Alan Ernst Meyer, Thomas Arthur McCue, Timothy Edward Schultz, Clifford Reginald Shannon

Isidor Loeb Prize, Mary Jo Sawicki

Mercantile Trust Company Scholarship, James Christian Harwood, Carolyn Sue Taylor, William Jay Marshall

National Food Brokers Scholarship, Charles Gregory Case

Volkswagen Mid-America Scholarship, Albert Donald Gammage

Wall Street Journal Award, David William Larson, John Stephen Wehrle

Final Honors

Randel Owen Baehr
Trustin Brown Boyd III
George William Joseph Daignault
John Stanley Hollerath
George Childress deZevallos
John Stanley Hollerorth
Paul Joseph Jolly
David William Larson
Stuart William MacCorquodale
Michael Allen Markenson
James Ralph Paynter
Alan Jeffrey Ross
Ronald Alan Satnick
Carl Louis Schenck
William Murray Schott

THE SCHOOL OF CONTINUING EDUCATION

Final Honors

Clarence William Borage
Richard Lynn Brotherton
Carol Ann Brouse
Ray Eugene Clinton
Walter William Decker
Carol Gast Dierker
Nelson Kenneth Dougherty
Rocky Eibert
Stuart Lawrence Farrell
William John Foristal
Helen Marie Fotenos
Russell Albert Hagan
Dennis Thad Hamilton
Ernst Frank Hill
William Francis Horvath
John Joseph Kilker
William John Klein
Betty Korhonen
Josephine Meek Lockhart
Frank William Miles
Harold George Rehg
Lawrence John Roy
William Lawrence Schatzkamer
Kenneth Sinclair
Allen Lane Yackey

American Society of Women Accountants Award, Patricia Ann Whelan

THE SCHOOL OF FINE ARTS

Ruth Barry Memorial Prize in Metalsmithing, Gifford Beare Noland
Caroline Risque Prize in Sculpture, Janice Elaine Steinhauser
Paul Robeson Award, Johnnie C Gordon

Final Honors

Nancy Lynne Ericka Beckman
Sally Mae Davidson
Ralph Paul Epstein
Colleen Laura Heroux
Julia Harrison Hunstein
Jerome Allan Lainoff
Michael Kevin Lambur
Sandra Michele Payne
Paula Sue Poling
Linda Jeanne Raden
Barry Charek Tilson

THE SCHOOL OF LAW

Alumni Association Prize, Douglas Laird Kelly
Amandus Brackman Moot Court Prizes:
Daniel William Austin, John Edward Harris III, Michael Howard Lax
Wendell Carnahan Prize, Randall Keith Reese
Dan Carter—Earl Tedrow Award, Richard Samuel McConnell
Hattie G. Ebert Prize, Dorothy Jean Vaughn
Mary Collier Hitchcock Prize, Douglas Laird Kelly

Order of the Coif:

Richard Scott Bender
Richard Alan Cohen
Charles Rees Dean
Harry Losos Esserman, Jr.
Ellen Lavelle Fowler
Janet Lois Gaunt
J David Jackson
Alex Stephen Karlin
Douglas Laird Kelly
Lawrence Wendell Phelps
Geoffrey Lynn Pratte
Randall Keith Reese
Joan Topping Russell
Dean Frank Vance
Carol Crandall Van Sambeek
Jeffrey Harold Verbin
Michael Kenneth Wolf

THE SCHOOL OF DENTISTRY

Dental Alumni Award, Arthur Elliot Wollman
Anna Bredall Award: First Prize, Jacob William Jorishie, Jr.
Second Prize, Steven Jay Niethamer
American Academy of Anesthesiology, Kenneth Martin Hartenian
American Academy of Dental Radiology, Marlin Katsunobu Sakata
American Academy of General Dentistry Award, Jack Hazan
American Academy of Gold Foil Operators Award, Robert Harlan Horlick
American Academy of Oral Medicine Award, Kenneth Martin Hartenian
American Academy of Oral Pathology Award, James Mumford Jolly, Jr.
American Academy of Periodontology Award, Kent Eston Davis
American Association of Endodontists Award, Gregory Joe Powell
American Association of Orthodontists Award, James Mumford Jolly, Jr.
American Society of Dentistry for Children, Theodore John Deibel
Edward R. Hart Award, James Mumford Jolly, Jr.
Lactona Award, Eugene George Herman
International College of Dentists Award, Duane J Kelson
J. D. White Award, Jacob William Jorishie, Jr., Duane J Kelson

Mosby Book Awards
Oral Surgery, Calvin Smith Richardson
Orthodontics, Charles Byron Thornton
Pathology, Roger J Adams
Pedodontics, Charles Byron Thornton
Prosthodontics, Arthur Elliot Wollman

Alpha Omega Award, Arthur Elliot Wollman

Delta Sigma Delta Award, Arthur Elliot Wollman

Xi Psi Phi Scholarship Award, James Mumford Jolly, Jr.

Omicron Kappa Upsilon, Kenneth Martin Hartenian, Eugene George Herman, James Mumford Jolly, Jr., Jacob William Jorishie, Jr., David Bruce Maughan Obray, Charles Byron Thornton, Arthur Elliot Wollman

THE SCHOOL OF MEDICINE

Medical Fund Society Prize in Medicine, Stanley Mogelson

Medical Fund Society Prize in Surgery, Arthur Jackson Crumbley III

Dr. Samson F. Wennerman Prizes in Surgery:
Patricia Ann Penkoske, Keith Allen Wichterman, Jeffrey William Willbrand

Sidney I. Schwab Prize in Neurology, Mark Leslie Berger

Sidney I. Schwab Prize in Psychiatry, William Sanford Coleman

Sandoz Award in Psychiatry, Louise Ann Donohoe

George F. Gill Prize in Pediatrics, William Clayton Stratton

St. Louis Pediatric Society Prize, Max Henry Burgdorf

Upjohn Achievement Award, Julian Carroll Williams

Mosby Scholarship Awards
Peter Glickman, Richard Alan Jacobs, Howard Grant Liang, Jonathan Max Mann, David Shai Olander

Lang Medical Publications Book Awards, Pearl Evelyn Grimes, Mark Howard Wener

Alexander Berg Prize, Stephen Dale Burrows

Missouri State Medical Association Award, Margaret Woolf Meyer

The Hugh M. Wilson Award in Radiology, Barry Ross Paull

The Samuel D. Soule Award in Obstetrics and Gynecology, David Samuel Weil

American Medical Women's Association Citation, Margaret Woolf Meyer

Jacques J. Bronfenbrenner Award, Stephen Dale Burrows

The Joseph J. Gitt and Charlotte E. Gitt Prize, Alan James Tiefenbrunn, David Logan Yarian

The Richard S. Brookings Medical School Award, Moon Hea Nahm

The Robert Carter Medical School Award, William Sanford Coleman

St. Louis Internist's Club Book Award, Roslyn Ann Kaplan

The Louis and Dorothy Kovitz Senior Award Prize in Surgery, William Sanford Coleman

The Alfred Goldman Book Prize in Diseases of the Chest, Lewis Conrad Fischbein

Alpha Omega Alpha Book Prize, William Sanford Coleman

Alpha Omega Alpha Initiates
William Sanford Coleman, Arthur Jackson Crumbley III, Ronald Keith DeGuerre, Lewis Conrad Fischbein, Paul Golden, Michael B Gutwein, Richard Alan Jacobs, Mark Howard Jaffe, Stefan Paul Kozak, Mark Leshin, Howard Grant Liang, Jonathan Max Mann, Margaret Woolf Meyer, David Shai Olander, Patricia Ann Penkoske, Fredrick Jack Schwartz, Mark Howard Wener, Keith Allen Wichterman, Jeffrey William Willbrand, David Logan Yarian

HONORARY DEGREES

DOCTOR OF FINE ARTS

ELLA FITZGERALD, singer and entertainer. Ella Fitzgerald has been the First Lady of Song since the 1930's when she made her first hit record, "A-tisket, A-tasket." She has been praised by critics, fellow musicians, and the general public for her mastery of pace, phraseology, and melody. Ms Fitzgerald has made over one hundred albums and has won four Grammy Awards (the National Association of Recording Artists' equivalent of Hollywood's Oscar) for her "Song Books." Long associated with Norman Granz and his Jazz at the Philharmonic Tours, Ms Fitzgerald is equally at home whether singing at the Baalbeck Festival in Lebanon or in New York's Carnegie Hall. Born in Newport News, Virginia, on April 25, 1918, she grew up in Yonkers and began singing professionally in her early teens with the Chick Webb band. She is the winner of innumerable accolades, including the "Golden Needle Award"—highest honor ever paid an American artist by the East Berlin Government.

JOSÈ DE RIVERA, sculptor. His work is in many major American museums including the Museum of Modern Art and the Whitney Museum of American Art, The St. Louis Art Museum, and the Tate Gallery in London. In 1972 major retrospectives of Mr. de Rivera's sculptures were held at the Whitney Museum and the La Jolla Museum of Contemporary Art. His first exhibited sculptures in the 1930's were machine-age stylizations made from sheets of steel. In the mid-1940's he began to produce the linear arabesque forms for which he is best known, and in the 1950's and 1960's his works of gleaming, polished metals were exhibited at the Brussels World's Fair and the New York World's Fair, and his sculpture "Infinity" was installed in the mall of the Smithsonian Institution's National Museum of History and Technology. He has taught at Brooklyn College, Yale University, and North Carolina State College.

DOCTOR OF HUMANITIES

MACLER CLEOPHUS SHEPARD, community leader and businessman. Since 1966, Mr. Shepard has been president of Jeff-Vander-Lou, Incorporated, of St. Louis, one of the finest examples of private, self-help programs among inner-city communities. Under Mr. Shepard's leadership, Jeff-Vander-Lou's achievements include: rehabilitation of 130 abandoned housing units, which have been sold to poor people; successful negotiations to help bring a major manufacturing company to the inner city; and development of an important private medical care facility in the city. A former committeeman of St. Louis's nineteenth ward, Mr. Shepard's many public service activities include the North Side Team Ministry, Greater St. Louis Committee for Freedom of Residence, Junior Achievement, United Fund, Planned Industrial Expansion Authority, St. Louis Symphony and the Minority Ministries Council of the Mennonite Church.

DOCTOR OF LAWS

JAMES WESLEY MCAFEE, judge, industrial executive, and civic leader. Chairman of the Executive Committee of the Board of Directors of Union Electric Company, he has been recognized as one of the leaders of the nation's electric power industry since his election as president of Union Electric in 1941. While president of Union Electric, he was also named president of Electric Energy, Incorporated, formed by five power companies to provide electricity for a major atomic energy project. Before entering the utility field, he was a member of the law firms of Holland, Rutledge and Lashly and of Igoe, Carroll, Keefe, and McAfee, and served as special tax counsel for the City of St. Louis and as judge of the Circuit Court. A long-time member of the Executive Council of the Boy Scouts of America, he also served as chairman of the first St. Louis War Chest and has been active in many other civic and community organizations.

CHARLES EDWARD WYZANSKI, JR., judge and educator. Mr. Wyzanski is the Senior United States District Judge of the district of Massachusetts. Judge Wyzanski graduated from both Harvard College and the Harvard Law School *magna cum laude*, and was admitted to the Massachusetts bar in 1931. He held clerkships with the distinguished Judge Augustus N. Hand and Judge Learned Hand. Appointed Solicitor of Labor for Secretary Frances Perkins by President Franklin Delano Roosevelt, Judge Wyzanski argued cases before the United States Supreme Court at the invitation of Solicitor General Stanley Reed. He was appointed United States District Judge for Massachusetts in 1941. In addition to his judicial duties, Judge Wyzanski has served on international committees and commissions, and has frequently been invited to be a visiting faculty member at various universities. He is currently serving as Herman Phleger Professor at Stanford University Law School.

DOCTOR OF SCIENCE

ANTHONY JOHN CALIO, scientist and administrator. Director of Science and Applications of the National Aeronautics and Space Administration's Lyndon B. Johnson Space Center, Houston, Texas, Mr. Calio's responsibilities include planning and directing NASA's lunar and planetary research. Under his direction are studies of lunar materials by 1000 scientists at 160 institutions in this country and abroad. Mr. Calio's ability as a science administrator has been a key factor in the success of the vast Apollo scientific program. He also is responsible for space physics research and development of earth observation at the Johnson Space Center. Associated with NASA for the past ten years, Mr. Calio has received the agency's Distinguished Service Medal and Exceptional Scientific Achievement Medal. Born in Philadelphia in 1929, he graduated from the University of Pennsylvania and did graduate studies in physics at the Carnegie Institute of Technology.

CHARLES WEST CHURCHMAN, educator and expert on management science. Professor of Business Administration, University of California, Berkeley, he was a founder of the University's Center for Research in Management Science. He formerly headed the philosophy department at the University of Pennsylvania and directed the Operations Research Program at Case Institute of Technology, where he initiated the first Master's-Ph.D. degree programs in operations research and was co-author of the first text in this field, *Introduction to Operations Research* (1957). He led in the organization of the Philosophy of Science Association in 1947, and has served on its governing board ever since. Two of his books, *Challenge to Reason* and *The Systems Approach*, received the Best Book in Management Award and the McKinsey Book Award, respectively. His current research interests include earth resource management, educational policy, and urban management.

STEPHEN WILLIAM KUFFLER, educator and scientist. Dr. Kuffler's original research on the function of nerve cells has opened several new areas of investigation. His discoveries have brought him many awards, including election to the National Academy of Sciences, one of the highest honors accorded a scientist in the United States. He also is a Foreign Member of the Royal Danish Academy of Science and Letters and the Austrian Academy of Sciences. He is John Franklin Enders University Professor at Harvard University, where he served as chairman of the Department of Neurobiology and has been a faculty member for fifteen years. He taught at The Johns Hopkins School of Medicine for twelve years. Previously he was a member of the Kanematsu Institute, Sydney, Australia, and was a Fellow of the Australian National Research Council. He received his M.D. degree from the University of Vienna.

CHARLES HENRY SOMMER, corporate executive and civic leader. Mr. Sommer is chairman of the board of Monsanto Company and a member of its corporate administrative and executive committees. He joined the company forty years ago, and assumed posts of increasing responsibility as his firm and the American chemical industry became major forces in the technological world. Mr.

Sommer became a Monsanto vice president in 1954; executive vice president, a member of the board of directors, and a member of the executive committee in 1959; and president of Monsanto in 1960, a post he held for eight years until he assumed his present position. As the head of a company which turns out a prodigious number of compounds, Mr. Sommer is a distinguished corporate executive whose responsibilities are worldwide. A graduate of the University of Arizona with a B.S. degree in chemistry, Mr. Sommer is a member emeritus of Civic Progress, Inc. of St. Louis.

DEWITT STETTEN, JR., governmental official, scientist, educator. As Deputy Director for Science, National Institutes of Health, Dr. Stetten is one of the top administrators in this nation's medical research efforts. Associated with the NIH for twelve years, he also has served as Associate Director in Charge of Research and Chief of the Section on Intermediary Metabolism, National Institute of Arthritis and Metabolic Diseases. For ten years he was on the faculty of Columbia University, where he received his M.D. and Ph.D. degrees. He formerly served as Dean of the Rutgers Medical School and as Director of the Rutgers Medical Center. His research has been in the field of biochemistry, and he has published extensively on various metabolic problems. His numerous honors include the United States Department of Health, Education and Welfare's Superior Service Honor Award and the Banting Medal of the American Diabetes Association.

Emeritus List

Each year some members of the Washington University full-time faculty reach the rank of emeritus. Their ability and service, in the classroom and out, has enriched the University and the lives of their students and colleagues. In appreciation of what they have done, we record here the names of those who attain emeritus rank at the end of the academic year 1973-74.

WILLIAM EDWARD ALLEN, JR.
Associate Professor of Clinical Radiology
At Washington University since 1971

AXEL NORMAN ARNESON
Professor of Clinical Obstetrics and Gynecology and
Associate Professor of Clinical Radiology
At Washington University since 1930

JEAN MARY ASHMAN
Professor of Law
At Washington University since 1954

DANIEL BISNO
Assistant Professor of Clinical Ophthalmology
At Washington University since 1945

EDWARD WYATT CANNADY
Instructor in Clinical Medicine
At Washington University since 1934

ARTHUR BAILEY CLEAVES
Professor of Earth Sciences
At Washington University since 1946

JULIUS ELSON
Instructor in Clinical Medicine
At Washington University since 1944

HYMAN MORRIS FELDMAN
Associate Professor of Mathematics
At Washington University since 1949

CARL GAYLER HARFORD
Professor of Medicine
At Washington University since 1935

STANLEY LEONARD HARRISON
Associate Professor of Clinical Pediatrics
At Washington University since 1934

KURT HEINRICH HOHENEMSER
Professor of Aerospace Engineering
At Washington University since 1956

FREDERICK AUGUST JACOBS
Assistant Professor of Clinical Pediatrics
At Washington University since 1932

JOSEPH CABELL JAUDON
Professor of Clinical Pediatrics
At Washington University since 1936

MARIANNE KUTTNER
Assistant Professor of Clinical Pediatrics
At Washington University since 1936

WILLIAM HENRY MEINBERG
Assistant Professor of Clinical Ophthalmology
At Washington University since 1935

GUSTAV KURT MESMER
Distinguished Service Professor of Applied Mechanics
At Washington University since 1950

WILHELM ORNSTEIN
Professor of Applied Mathematics
At Washington University since 1955

BUFORD LINDSEY PICKENS
Professor of Architecture
At Washington University since 1953

THEODORE EUGENE SANDERS
Associate Professor of Clinical Ophthalmology
At Washington University since 1936

RUTH SILBERBERG
Professor of Pathology
At Washington University since 1945

BARRETT LEARNED TAUSSIG
Assistant Professor of Clinical Medicine
At Washington University since 1934

ROBERT WALLENBORN
Professor of Music
At Washington University since 1963

GEORGE CHUAN WEE
Instructor in Clinical Surgery
At Washington University since 1961