THE
ONE HUNDRED AND SIXTH COMMENCEMENT

WASHINGTON UNIVERSITY

SIX-THIRTY O'CLOCK, SUNDAY EVENING
JUNE THE FOURTH, NINETEEN HUNDRED SIXTY-SEVEN
ST. LOUIS, MISSOURI
**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.

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**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:

<table>
<thead>
<tr>
<th>Color</th>
<th>Faculty/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Arts, Letters, Humanities</td>
</tr>
<tr>
<td>Orange</td>
<td>Engineering</td>
</tr>
<tr>
<td>Lilac</td>
<td>Dentistry</td>
</tr>
<tr>
<td>Drab</td>
<td>Business</td>
</tr>
<tr>
<td>Dark Blue</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Brown</td>
<td>Fine Arts, Architecture,</td>
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<td></td>
<td>Interior Design</td>
</tr>
<tr>
<td>Golden Yellow</td>
<td>Science</td>
</tr>
<tr>
<td>Purple</td>
<td>Law</td>
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<tr>
<td>Green</td>
<td>Medicine</td>
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<tr>
<td>Pink</td>
<td>Music</td>
</tr>
<tr>
<td>Citron</td>
<td>Social Work</td>
</tr>
<tr>
<td>Light Blue</td>
<td>Education</td>
</tr>
</tbody>
</table>

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.
Order of Exercises

Academic Procession

Ceremonial Music ................................................................. Purcell
Voluntary in D major .............................................................. Boyce
Rigaudon ................................................................................ Campra

Howard Kelsey, University Organist

The National Anthem

Invocation

THE VERY REVEREND WILLIAM HENRY MEAD
Dean, Christ Church Cathedral

Announcements

CHARLES ALLEN THOMAS
Chairman of the Board of Trustees

Address

THE HONORABLE SOL MYRON LINOWITZ
United States Ambassador to the Organization of American States

Conferring of Degrees
Presentation of Commissions

THOMAS HOPKINSON ELIOT
Chancellor of the University

The Alma Mater

Benediction

THE VERY REVEREND WILLIAM HENRY MEAD

Recessional

Marche ...................................................................................... Tombelle

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

The Following Candidates Will Be Presented By

BURTON MAYNARD, Ph.D., Dean

BACHELOR OF ARTS

Candidates—June 4, 1967

Andrew Bruce Albert
Gary Wayne Albin
Karen Beth Albin
Sara Ragni Applegate
Gary Howard Arlen
Jerome Milton Aronberg
Joseph Raymond Atkin
Howard Augustus
Toby Ellen Bachrach
Daniel Vernon Baer
Charles Ronald Baird
Sarah Ellen Baker
Susanne Elizabeth Balotti
Lawrence Norman Barron
Bruce Barter
Thomas Benton Bash
Lee Robert Bates
Judith Ann Bauer
Jerome Milton Aronberg
Jon Seth Blechman
Paul Thomas Bles
James Gerald Bloch
Jack Ludwig Block
Fred Abraham Bloom
Jay Edward Bloom
Marshall Elliott Bloom
Steven Felix Bloomfield
Barbara Ann Bohne
John Frederick Bottchen, Jr.
Victoria Ann Boyd
Barbara Jean Brandenburg
Frances Jane Brauier
Frederick Walter Brickenkamp
Carol Ann Brin
Karen Marie Brockmole
Howard Joel Brown
Richard Michael Brown
Susan Catherine Burge
Lei Lane Burrus
Michael Joseph Busenhart
Joel Tamm Cahn
Susan Betty Charnas
Donny Louise Chorn
Donald Stewart Cohen
Harris Harvey Cohen
Richard Alan Cooper
John Craib Cox, Jr.
Michele Therese Cruvant
Erica Dakin
Doris Ann Damond
Harolyn Daniel
Philip Benjamin Devries, Jr.
Paul Joseph Dolan
Michael Lee Dougherty
Robert William Duffy
Elizabeth Ann Early
Charles Donaldson Ellis
Alice Jo Emel
Kerry Lee English
Valerie Carroll Ewing
Gary Dale Featherston
John Michael Feeshan
Linda Gail Feiman
Kathleen Sue Feldman
Andres Jan Finck
Janet Elaine Foster
Jiannina Marie Fox
Michael Bruce Fox
David Crawford Frame
Elizabeth Frank
Sylvia Shapiro Frankel
Patricia Ann Freiberg
Judy Kay Friedman
Cris Frombolut
Michael Blair Fry
Bonnie Sue Garner
Jane Ellen Gold
Karen Frances Goldberg
Terri Sue Goldberg
Irving Jacob Golub
Jacob B Goranoff III
Kathleen O'Hara Gorden
George Bernhard Gotttemoeller
Janice Sue Gouse
Harvey Michael Goz
Michael Stephen Green
Philip Dennis Greenberg
Robert Mark Greenspan
Joyce Margaret Gudiswitz
Rochele Handler
Joan Brenner Harris
Ann Croft Harrison
Michael Wade Harrod
Sandra Ann Harvey
Karen Sue Havenor
Robert Simpson Hays
Robert Eastman Herrnreich
Jean Sue Heyer
Peter Walter Heymann
Frederick Wallace Hill
Kent Walter Hirschfelder
Bonnie Lee Holland
Nancy Horwitz
Christopher Walton Howard
Mary Annis Hueghy
Elizabeth Ann Iwano
Michael Robert Jacoby
Renata Theresa Jaeger
Sherman Frederick Jaffe
Jerome Aristotle Janopoulo
Laila Gulamhussein Jiwani
Clifton Francis Jordan, Jr.
Revathi Kandarpa
Mundu Been Kazamale
Harriett Hester Katz
Jerald Kay
John Turner Keen
Joseph Wade Kennedy
Nancy Jane Kettelkamp
Carolyn Jeanne Kiem
Henry Merton Killmar, Jr.
David Harrison King
Natalie Frances Klausman
Richard Lewis Klein
Kathianne Knaup
Karen Barbara Koshakov
Robert Michael Kowit
Joan Lee Kremmer
Cecilia Lacks
Robert Alan Laibovitz
Richard Joseph Laitmam
George Lawrence Lamborn
Kay Landau
Louise Jo Lane
Frank Bernard Landsberg, Jr.
Myra Ann Lappin
Kay Thompson Lee
Alicia Debra Leff
Stuart Michael Leiderman
Karen Jean Lenz
Michael S Lerner
Leslee Fischer Levey
Ute Schweitzer Levi
Allen Sanford Levin
Michael Levitt
Marsha Ellen Lieberman
Marc Philip Lipps
Stanley Lewis Lipschultz
Rodney Alan Lorenz
Sylvia Jacqueline Lubinski
Michael Curtis Lund
Brian Robert MacDonald
Joyce Anne Mages
Annette Marie Mallett
Robert Dennis Marifeld
James Lee Markert
Allen Lee Markowitz
Sherry Reva Matlof
Peter Mills Mayer
James Raymond Mayhew
Donald B Mazer
Katherine Connor McArthur
James Stanley McKay, Jr.
Jane Flora McKinstry
James David McMillan
Carol Ann Mendelson
David George Miller
Geoffrey Monge
Eleanor Diane Montgomery
John David Morris
Anne Cherie Moos
Paul Allen Mueller
John Bonner Murphy
Russell Edward Murphy, Jr.
Gladys Marjorie Myles
Sharon Anne Neal
Randa Rae Nessmith
Alan Joseph Nuta
Victoria Leslie Olan
Richard Allan Ong
Ilene Sooma Ordover
Charles Bennett Ortner
Douglas Ray Ottenpils
Nedra Lou Pothier
Allen James Patton
Howard Steven Paul
Virginia Ellen Peak
Robert Crocket Peterman II
Charles Ogden Petkovich
Douglas Jackson Pew
Lee Ann Phelps
Henry Morton Polmer
Andrew Simon Pomerantz
Antonia Maria Powell
Keith Richardson Powell
William Henry Quillin
Terrill Jo Rabor
Bruce Henry Rabinovitz
Kenneth Ray Ramach
William Orville Ratliff
Virginia Reda Reed
Gary Raymond Reeves
Judith Carol Reinhardt
Teresa Rich
Holly Richards
Susan Jean Rix
Suzanne Jeanne Rogier
Ellen Rosenthal
Nathan Henry Rosenthal
Donna Lynn Rothenberg
Robert Samuel Rothschild
Sally Ann Roy
Clinton Allen Rucker
Herbert Ellis Rudner
Barbara Elaine Russek  
Dale Barbara Sachnoff  
Alexander Sajovich  
Charles Sarasohn  
Josely Carvalho de Oliveira Saxe  
Marilyn Ruth Schaffner  
Susan Schildkraut  
Linda Carol Schilling  
Beverly June Schneider  
Claire Norma Schneider  
Robert Jay Schnitzer  
Sandra Walters Schoening  
Nancy Schott  
Bevery Jeanne Schultz  
Helaine Frances Schwartz  
Howard Elgin Schwartz  
Peggy Joan Schwartz  
James Charles Schwartzman  
Stephen Phillip Seder  
Jay Edward Selman  
Joan Leslie Shadur  
Noel Irene Shaw  
Wally Martin Shearbun  
Judith Ann Shefel  
Don Robert Sherman  
Donna Louise Short  

Todd Richard Siegel  
Alicia Maria Siegfried  
Carol King Simmons  
Adele Lois Simon  
Freda Karen Sirota  
Kenneth Lee Sisco  
Phyllis Claire Smith  
Anne Gayle Sokol  
Robert Edgar Sonneborn  
Gregory W Spiegel  
Warren Arnold Steiner  
Jeffrey Chad Steingraber  
Janice Clair Stephens  
Joan Lith Stern  
Jane Alice Steuber  
Albert Strobel  
Kathleen Ann Suessdorf  
Maurice Lonsway Sullivan  
Laurel S Swiryn  
Klára Endőke Szabados  
Judith Linda Tatel  
Mary Candace McCarroll Tedrick  
Frederic Teitelbaum  
Jenny Teleser  
Aurora Maria Trapani  
Kay Hirschtritt Tuch  
James Allen Turner  

Eric Summit Blanchard  
Morris Clyde Brown  
Virginia Leslie Glover  
Karen Diehl Greening  
Phillip Alan Hertzman  

Michael John Hudson  
Donald Jay Korn  
Barry Irwin Ludwig  
Robert William Miller  
Christina Mordhorst  
William Carroll Niblack  

Steve Michael Barkin  
James Norman Bierman  
Susanne Brodskey  
Dennis Richard Brophy  

Richard Norman Chapman  
Charles Gordon Jones  
Robert Charles Malone  
Bruce Harold Roswick  

Katherine Russell Brown  
James Miller Graham  

Ted Norvel Luethans  

Awarded—January 23, 1967  

Julie Augusta Adamson  
Linda Kay Angold  
Frances Baldwin  
Robert Francis Baylis  
Anna Katherine Behrensmeyer  
Grace Elizabeth Benedicttus  
Paula Jean Brunsman  
Damaris Forrest Campbell  
Christopher Hilton Cooke  
Lloyd Martin Eby  
Jeanne Bernice Geisel  
Lora Jane Goldberg  

Marcia Ann Grossman  
Laddie Homer Hamilton II  
Elizabeth Carroll Hensley  
David Robert Hess  
Marjorie Eddy Johnson  
Leslie Elliott Klovile  
Flora Kay Krochman  
Stephen Bryan Landé  
Marsha Lynne Love  
Ernest Sane Malenga  
Henry Michael Ordower  
Susan Schmidt Peterson  
Lawrence James Rojko  

Gary Herbert Vallat  
Carol Mae von Bastian  
Lester Stephen Vossmeier  
Douglas Paul Wagner  
David Alan Walls  
Nancy Jean Wambach  
Sanford Ivan Wax  
Carol Sue Weisdorf  
Andrew Neal Westermeyer  
Jean Lee Wheeling  
Paul Richard Wheeling  
Benjamin Joseph White  
Bruce Jay Whitehill  
Paul Grant Williams III  
Mary Anne Wilson  
Susan Lee Wilson  
Carolyn Jean Winberg  
Susan Kay Wisely  
Stanley Bernard Woll  
Winslow Hung Chung Wong  
Priscilla Maye Wright  
Bruce Weston Wynn  
Juliana Y Yuan  
Jay Leon Zelenka  
Evelyn Hildegard Zepp  
Tedi Carol Zweig  

Bruce Clarence Pikas  
Ronald Lee Rouse  
Stephen Todd Rudman  
George Michael Stulac  
Joan Topping  

Louise Anne Salmon  
Judith Jean Schwartz  
Daniel Leonard Spiegel  
Gary Hilton Stern  

Susan Louise Rodgers  
Michael Stephen Sherry  

Cynthia Marie Ross  
Diana Lee Ruelon  
Edward Michael Sacks  
Ellen Frances Schaengold  
Robert Sidney Segelbaum  
Myra Feldman Stein  
Elaine Marilyn Stockfish  
Susan Rodgers Taylor  
Thomas Mark Tonnesen  
Katherine Amanda Van Welsem  
Judith Moll Weltepp  
Elise Louise Winterer  

Karl Wendell Jackson  

Ted Norvel Luethans  

6
BACHELOR OF SCIENCE IN EDUCATION

Awarded—January 23, 1967

Donald Gordon McIntosh
THE SCHOOL OF ENGINEERING AND APPLIED SCIENCE

The Following Candidates Will Be Presented By
JAMES MORGAN MCKELVEY, PH.D., Dean

BACHELOR OF SCIENCE IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Candidates—June 4, 1967
Marcia Lynn Garfield
Dennis Patrick Kennett
Harold LaVerne Mack, Jr.
Paul Duan Osborne
Stewart Arnold Schuster
Robert Joseph Sheraga
Awarded—January 28, 1967
Marcia Kay Holway

BACHELOR OF SCIENCE IN APPLIED MECHANICS

Candidate—June 4, 1967
Edward Frank Shroyer
Awarded—September 2, 1966
Robert Alfred Johnson

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Candidates—June 4, 1967
Ronald Blume
David Winston Caldwell
William Anthony DePierre
Edwin Louis Eggerding
Dale Russell Labitzke
Awarded—January 23, 1967
Asir Canyas
Joseph Leonard Dehmer
Edward Kenneth Jeans III
Recai Onder
Metin Leblebici

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Candidates—June 4, 1967
Jacques Darvish
Michael Dean Hubbard
Russell Hays Matson III
Paul Joseph McKee, Jr.
Gene Lawrence Novak
John Leonard Stein
Ronald Norman Zimmer
Awarded—January 23, 1967
Charles Vincent Lorentz
William Kerwin Pierson

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Candidates—June 4, 1967
Gordon Otto Begeman
Kenneth Roby Bell
Merle Chandler Bone, Jr.
John Albert Brockmeyer, Jr.
John Gano Bryan
George Arthur Carlson
William Louis Fleschner
Donald Anthony Frederick
Gary Charles Gerhardt
Ernest Eugene Kempe
Leonard Robert Missler
Paul Eugene Nelson
Michael Steven Nothdurft
Robert Gene Pontious
Kenneth Francis Rath
John Pomeroy Ruhoff
Emmanouel Michael Stamatakis
Eugene Emerson Weddell
James Lloyd Wilson
David Carl Withbrodt
Paul Charles Withbrodt
Awarded—January 23, 1967
Herbert Eugene Anderson, Jr.
Attila Arat
Alwin Thomas Brinkman
Arthur Buesch III
Sentekin Can
Robert Wallace David, Jr.
Jack Goldberg
William Edward William Krick
Randall Lynn Nador
Robert Wayne Vondra
Yalcin Yerlikaya
Awarded—September 2, 1966
David Alan Brown
Robert Ellis Goldwasser
Gerald Clifton Johns
Paul Lewis Thompson II
BACHELOR OF SCIENCE IN ENGINEERING SCIENCE

Candidate—June 4, 1967
Martin William O'Brien

Awarded—January 29, 1967
Donald Almo Gaubatz

Awarded—September 2, 1966
Tsuyoshi Goka

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Candidate—June 4, 1967
John Martin Schaefer

Awarded—January 29, 1967
Lawrence Ralph Mayer

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Candidates—June 4, 1967
Richard Mathew Dawson
James Michael Dunstan
Paul Anthony Faust

Awarded—January 29, 1967
Soner Akgun
Seyhan Canova

Awarded—September 2, 1966
Alvin Bruce Kublin

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Awarded—September 2, 1966
Dwight Charles Deck

BACHELOR OF SCIENCE IN PHYSICS

Candidates—June 4, 1967
Philip Lee Huddleston
Gordon Masahiro Koizumi

BACHELOR OF SCIENCE IN SYSTEMS AND AUTOMATIC CONTROL

Awarded—January 29, 1967
Michael Edward Polites
THE HENRY EDWIN SEVER INSTITUTE OF TECHNOLOGY

The Following Candidates Will Be Presented By
JAMES MORGAN MCKELVEY, PH.D., Director

MASTER OF SCIENCE

Candidates—June 4, 1967

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE
Robert Irwin Berns, B.S.Engr.Sci., Washington University
Peggy Marie Dughe, A.B., Drury College
William Arthur Flannery, B.S., Iowa State College
William Papin Heinbecker, B.B.A., University of Notre Dame;
B.S.Engr.Sci., Washington University
John David Hinchen, B.S., Saint Peter's College
Philip Michael Klasskin, A.B., Washington University
George Franklin Marble, B.S.Ch.E., Kansas State University
Laetitia Harrer Snow, B.S.Math., The University of North Carolina

IN APPLIED MECHANICS
George Lazar Palcheff, B.S.M.E., Washington University; M.E.A., ibid.

IN CHEMICAL ENGINEERING
Melvin Ray Bagley, B.S.Ch.E., Washington University
Paul Albert Ludwig, B.S.Ch.E., Purdue University
Philip Roger Parker, B.S.Ch.E., The University of Kansas
Donald Joseph Stookey, B.S.Ch.E., Washington University

IN CIVIL ENGINEERING
Richard Carlton Armstrong, B.S., Mississippi State College
Aykut Karaca, B.S.C.E., Washington University
James Blair Williams, B.S.Arch.Engr. Washington University

IN ELECTRICAL ENGINEERING
James Lee Abernathy, B.S.E.E., The University of Missouri School of Mines and Metallurgy
Willis Ray Burgener, E.E., University of Cincinnati
Thaddeus Flaig Flood, B.S.E.E., The University of Missouri School of Mines and Metallurgy
William Henry Gabris, B.S.E.E., Washington University
Harry Richard Grodskey, B.S.E.E., Washington University
Leonard Hubert Gruender, B.S.E.E., Washington University
Marvin Lee Hawk, B.S., Oklahoma State University
David Lee Lacombe, B.S.Engr.Sci., Washington University
Paul Fredric Petrikovitsch, B.S.E.E., Washington University
Walter Paul Schauman, B.S.E.E., Washington University
William Roy Sprague, B.S.E.E., The University of Kansas
Dennis John Tyberend, B.S.E.E., Washington University
Robert Kenneth Underwood, B.S.E.E., Washington University
Robert Allen Wasylenko, B.S.E.E., Washington University
John Arthur Ziegler, B.S.E.E., Washington University

IN INDUSTRIAL ENGINEERING
Eugene Randall Kropp, Jr., B.S.I.E., Washington University

IN MATERIALS SCIENCE
Hosea Reid Vann, B.S.Phys., Georgia Institute of Technology

IN MECHANICAL ENGINEERING
Robert Joseph Arnzen, B.S.M.E., Washington University
Kew-Uck Chee, B.S.E., Seoul National University
Andrew Edward Lindberg, B.S.M.E., Washington University
Gary Edward Mitchell, B.S.A.E., Purdue University

IN METALLURGICAL ENGINEERING
Jude Herman Koenig, B.S., Rockhurst College

IN SYSTEMS AND AUTOMATIC CONTROL
Frank Addison Brown, Jr., B.S., Oklahoma State University of Agriculture and Applied Science
Joseph F Petersack, B.S.M.E., Newark College of Engineering
Robert William Thompson, B.S.E.E., Washington University
Awarded—January 23, 1967

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE
Arunachalam Alagappan, B.E., Annamalai University
Yueh-mei Liu, B.S., National Taiwan University
Philip David Robers, B.S. Engr. Sci., Washington University
William Dennis Wacker, B.S. Engr. Sci., Washington University
Mary Anita Weis, A.B., Washington University

IN APPLIED MECHANICS
Bruno Fajfar, B.S.Eng.Phys., University of Illinois
Paul William Heaton, Jr., B.S. Geophys. E., Saint Louis University

IN CHEMICAL ENGINEERING
Suren Gordhandas Dutia, B.S.Ch.E., Washington University
Arun Chandrakant Gupte, B.Ch.E., University of Bombay
Jacques Robert Joseph, Diplome de Ingenieur E.N.S.C.P., L'Ecole Nationale Superieure de Chimie (Université de Paris)
William George Kramper, B.S.Ch.E., Northwestern University
Roger Allen Schwind, B.S., The University of Rochester
David Leo Stein, B.S.Ch.E., Washington University

IN ELECTRICAL ENGINEERING
Roger Edward Charbonneau, B.E.E., University of Dayton
Robert Arthur Krone, B.S.E.E., Washington University
Ronald Arthur Williamson, B.S.E.E., Washington University

IN ENVIRONMENTAL AND SANITARY ENGINEERING
Ronald Anthony Venezia, B.S., Worcester Polytechnic Institute

IN INDUSTRIAL ENGINEERING
Eugene Ulysses Mariani, B.S.I.E., Saint Louis University

IN MECHANICAL ENGINEERING
William Henry Houtman, B.S.E., University of Michigan
Ting-Cheung Li, B.Sc., Chu Hai College
Sung Mai, B.S., Army Institute of Technology
William Francis Parker, B.S.M.E., University of Missouri at Rolla

IN SYSTEMS AND AUTOMATIC CONTROL
Ronald Kuo-Kung Chao, B.S.Agr.E., National Taiwan University; B.S.E.E., Ohio University
Edward Charles Jacques, Jr., B.S.E.E., Washington University
Kenneth Mark Kessler, B.S.E.E., Washington University
William Frederick Lange, Jr., B.S.E.E., Princeton University; B.S.Met., The Pennsylvania State University
Robert B Schainker, B.S. Engr. Sci., Washington University
MASTER OF ENGINEERING ADMINISTRATION

Candidates—June 4, 1967

Robert George Calkins, B.S., University of Illinois; M.S.M.E., Washington University
Edward Livingston Kelley, B.S.Ch.E., Northwestern University
Richard John Kovach, B.S.E.E., Washington University
John Michael McCarthy, B.Sc.E., University of Missouri School of Mines and Metallurgy
Jesse Everett McDannold, B.S.Ch.E., University of Missouri
William Francis McMahl, B.Sc.Ch.E., University of Missouri
Donald Eugene Minford, B.Sc.E.E., The University of Nebraska
Donald Byron Wechsler, B.S.I.E., The North Carolina State College of Agriculture and Engineering

Awarded—January 25, 1967

William Clark Engman, A.B., Washington University; B.S.Ch.E., ibid.
Thomas Howard Lafferre, B.S.M.E., University of Missouri
David John Morrissey, B.S.I.E., Washington University
Joseph Arthur Mulloney, Jr., B.S. Food Tech., Massachusetts Institute of Technology
Dennis Lee Olander, B.Ch.E., University of Minnesota

DOCTOR OF SCIENCE

Candidates—June 4, 1967

IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Daniel Edward Cullen, B.S., Stanford University; M.S., University of Illinois
Title of Thesis: Solving Nonlinear Inequalities By Relaxation With Applications To Nonlinear Programming
Raymond Karl Mueller, B.S.Engr.Sci., Washington University; M.S., ibid.
Title of Thesis: The Indefinite Quadratic Programming Problem
Valluru Bhavanarayana Rao, B.Sc.(Hons.), Andhra University; M.Sc., ibid.; M.S., University of Illinois
Title of Thesis: Some Approaches to Integer Programming

IN APPLIED MECHANICS AND STRUCTURES

Alfred Korn, B.S.C.E., Purdue University; M.S., University of Illinois
Title of Thesis: The Elastic-Plastic Behavior of Multi-Story, Unbraced, Planar Frames

IN CHEMICAL ENGINEERING

Wayne Joseph Drda, B.S.Ch.E., Washington University
Title of Thesis: On The Shape and Velocity of Single Air Bubbles Rising in Small Diameter Tubes in Stagnant and Flowing Liquids
Eddie Charles Gay, B.S.Ch.E., Washington University
Title of Thesis: Flow Properties of Liquid Sodium Suspensions with High Solid Concentration

IN ELECTRICAL ENGINEERING

Louis Nicholas Medgyesi-Mitschang, B.S.E.E., Washington University; M.S., ibid.
Title of Thesis: Estimation Of Signals In Noise With Almost Periodic Arrival Times
Ralph Stephen Mueller, B.S.E.E., Washington University; M.S., ibid.
Title of Thesis: Theory and Applications of Coaxial Ferrite Devices

IN MECHANICAL ENGINEERING

Richard Leo Bussmann, B.S.M.E., Washington University
Title of Thesis: Acoustic Shear Waves for Fluid Inside a Cylinder
Lin Lee, B.S.Engr., National Taiwan University; M.S.M.E., Michigan College of Mining and Technology
Title of Thesis: Approximate Solutions For Laminar Convective Heat Transfer
Tom Lewis Gallagher, B.A., North Texas State College; M.S., ibid.  
Title of Thesis: Optimization of Radioactive Dose Rate Distributions for External Beam Sources

Gopal Hosabu Gaonkar, B.E.(Civil), Karnatak University; M.E.(Civil), University of Bombay  
Title of Thesis: Plane Stress Fields Due to Isolated and Multirows of Inclusions in an Elastic Continuum

Clark Emmett Lemley, Jr., B.S.Phys., University of Texas; M.A., ibid.  
Title of Thesis: The Effect of In Plane Edge Restraint on the Vibration and Flutter of Slightly Curved Panels

John Frederick Tomich, B.S.Ch.E., Washington University  
Title of Thesis: Heat and Momentum Transfer from Compressible Turbulent Jets of Hot Air Impinging Normally on a Surface

Irwin Andrew Wiehe, Ch.E., University of Cincinnati; M.S., Virginia Polytechnic Institute  
Title of Thesis: Thermodynamics of Alcohol-Inert Solvent Solutions

John Harry Mullen, B.S.E.E., Washington University; M.S., ibid.  
Title of Thesis: Measurement of Plasma Parameters Using a Radial Waveguide

John Albert Newell, B.S.E.E., Washington University; M.S.E.E., University of Washington  
Title of Thesis: Machine Recognition of Geometric Patterns

George Russell Brower, B.S.C.E., University of Missouri; M.S., ibid.  
Title of Thesis: Ozonation Reactions of Selected Pesticides for Water Pollution Abatement

Reginald Hung Fo Young, B.S., University of Hawaii; M.S.C.E., ibid.  
Title of Thesis: Determination of the Biochemical Behavior of Organic Removal in Natural Waters

Syed Zakaul Hasan, B.S.M.E., Aligarh University; M.M.E., University of Louisville  
Title of Thesis: Relationship Between the Initiation of Built-Up Edge and Tool Forces Using the Lathe

William John Murphy, B.S.E.E., Saint Louis University; M.S., ibid.  
Title of Thesis: Optimal Adaptive Control of Linear Discrete Systems
THE SCHOOL OF ARCHITECTURE

The Following Candidates Will Be Presented By
JOSEPH RUSSELL PASSONNEAU, B.Arch., M.S.C.E., Dean

BACHELOR OF SCIENCE IN ARCHITECTURAL SCIENCES

Candidates—June 4, 1967

Robert Paul Arp
Karen Lorraine Kemper
Jan Kent Peterson

William Francis Asong
Daniel Lawrence Lemberg
Lee Ward Seymour

John Michael Cohen
Richard Alan Leon
William James Simon

Jan Seth Degenshein
Burton K Lichtman
Joel Robert Spigel

Irving Mauer Funk
William Louis Luecking
Floyd Kenneth Stein

Barry Richard Habib
Richard Jeffrey Maize
Michael Norman Tulper

Chester Henry Hemme
Larry Edward Marks
David Phillip Walsh

William Bernard Hovland
Louis Alphonse McMahon, Jr.
Joseph Galosy Walsh, Jr.

Leonard Salem Jacoff
Ralph Joseph Nagel
Paul Richard Wheeling

Awarded—January 28, 1967

Paul Frederick Ingvoldstad

Awarded—September 2, 1966

Patrick Thomas Higgins, B.A.
Robert Esson Reichardt

BACHELOR OF ARCHITECTURE

Awarded—September 2, 1966

Craig Gordon Eppes, B.S.Arch.S.
Theoharis Panagiotopoulos
Andrew B Shanfeld, B.S.Arch.S.

Gary Smith Glenn, B.S.Arch.S.
Donald Porter Wilson, B.S.Arch.S.

MASTER OF ARCHITECTURE

Candidates—June 4, 1967

Robert Lloyd Boland, B.S.Arch.Sci., Washington University
Joseph Arthur Diviney, B.S.Arch.Sci., Washington University

Michael James Pause, B.S.Arch.Sci., Washington University
Robert Eugene Reeves, B.S.Arch.Sci., Washington University

David Nichols Scoular, A.B., Washington University

MASTER OF ARCHITECTURE AND URBAN DESIGN

Candidates—June 4, 1967

Ting-Fu Peng, B.Sc., Taiwan Provincial Cheng Kung University; B.Arch., Washington University
Bhajan Lal Rakhra, Nat'l. Dipl.Arch., School of Planning and Architecture

Awarded—January 28, 1967

Kent Irwin Drew, B.S. Landscape Des., Kansas State University; M. Regional Planning, ibid.
Harold John Katzin, B.Arch., McGill University

Awarded—September 2, 1966

Richard Shreve Altman, B.Arch., Rensselaer Polytechnic Institute
THE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

The Following Candidates Will Be Presented By
ROSS MYRON TRUMP, PH.D., Dean

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Candidates—June 4, 1967

Gordon Lee Ankney
William Alan Bay
Stephen Paul Bernstein
Kenneth Herbert Bohimann
Bruce V Carp
Leon Farer
Charles August Fischer
Harold Lee Flowers, Jr.
Warren Ray Friddy
Arthur Marc Galen
Alvin Morris Geismar
Barry Alan Gersick
Terry Joan Gidlow
William Richard Hauk

Ronald Neil Heftman
Allen William Hellwege
Stephen Theodore Kalasz
Leon Jay Kaplan
Sheldon Marc Landau
Erik Tad Lauer
David Jerrold Leigh
Arnold Jay Levin
Dennis Warren Lutz
Edward Thomas McCarthy
John Robert Mueller
Dean Robert Phillips
Christian Roy Quinlan
Otway Watkins Rash IV
Jay Warren Roston

Awarded—January 28, 1967

Charles Gemmell Arthur III
Robert Michael Balk
Mary Margaret Buzzanell
Elizabeth Reinhart Denby

Karen Fine
Gail Shirley Grosman
David John Hallahan
Robert William Kaps
Thomas Enoch Mitchell

Awarded—September 2, 1966

James David Eckhoff
Howard Bruce Hian
Charlene Kell
Ronald Fredric Klein
William Douglas Krisman

Jay Elliott Loeb
Merrill Lee Moss
Charles Michael Niemann
Louis Allen Noel
Bruce Alan Oehler

William James Ramming
Arthur Ned Riggin
Phil Allen Sher
Antonia Sin
Robert Lawrence Wilson

THE GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

The Following Candidates Will Be Presented By
ROSS MYRON TRUMP, PH.D., Dean

MASTER OF BUSINESS ADMINISTRATION

Candidates—June 4, 1967

Michael J Adler, B.S.B.A., Washington University
Kenneth Robert Allen, B.S., Purdue University
Rufus King Barton III, B.S.Com., Washington & Lee University
Leslie Block, A.B., Washington University
Frederick Herbert Born, B.A., Trinity College
William Frederick Ralph Briscoe, Jr., B.S.Engr. Sci., Purdue University
Bradford Lockwood Brooks, B.S.E.E., Washington University
Maurice Eugene Brubaker, B.S.E.E., University of Missouri School of Mines and Metallurgy
David Mark Cooper, B.S.I.E., Washington University
Chandler Durbrow Curlee, B.A., Northwestern University
Edward Philippe deZevallos, Jr., B.A., Vanderbilt University
John Paul Dubinsky, A.B. cum laude, Washington University
George Francis Fagné, A.B., Rockhurst College
James Henry Frank, B.E.E., University of Minnesota
Thomas Patrick Friel, B.S., Saint Louis University
Joseph Anthony Gasparich, B.S., Southern Illinois University
Patrick Joseph Griffith, B.S.Com., Saint Louis University
Douglas Michael Griffith, B.S.Math., Stanford University
William Walker Hausman, A.B., Washington University
Robert Eastman Herrnreich
Ralph David Johnson, Jr., A.B., Washington University
Edward Alan Kaplan, B.S.B.A., Indiana University
Arthur Edward Kronenberg, Jr., B.A., Kenyon College
Robert Edward Lee Lamkin III, B.A., Westminster College
Edward Raymond Lanser, B.S., Washington University
Lewis Ashe Levey, B.S., The University of Wisconsin
Norman Louis Mark, B.B.A., Spencerian College
Harold Louis Marquardt, B.A., DePauw University
Paul Flint McAtee, Jr., B.S.B.A., University of Missouri
Ronald John McCord, B.S.B.A., Southeast Missouri State College
Duncan Ivers Meier III, B.E.E., Cornell University
John Bruce Milligan, Jr., B.S., Marquette University
Robert Charles Miramonti, B.S., Saint Louis University
Carl Don Niece, B.S.B.A., Kent State University
Charles King Olson, A.B., Colgate University
Michael George O'Neil, B.A., Lawrence University
Arnold Ray Parker, Jr., B.S., Indiana University
John Bruce Milligan, Jr., B.A., The University of Kansas
Robert William Price, Jr., B.A., Westminster College
Donald Raymond Reeves, B.S.B.A., Washington University
Andrew Edwin Rueh, Jr., B.A., The University of Kansas
Glenn Heman Shell, B.A., Brown University
Mark Warren Snowberger, B.S., Southern Illinois University
Sentayehu Teferra, B.Com., Haile Sellassie I University
Katherine Lynn Tyson, B.S.B.A., Washington University
David Lee Upshaw, B.B.A., University of Texas
James Henry Wakelin III, B.A., Ohio Wesleyan University
Fred Herman Wenzel, B.S.B.A., Northwestern University
Roger Lance Weston, B.S., MacMurray College
Kent Roger Wilton, B.A., DePauw University

Awarded—January 23, 1967

Edward Russell Bauer, B.S.B.A., Washington University
Kay Henle Christensen, B.S., Utah State University of Agriculture
Ronald Georges Creed, B.S.I.M., Georgia Institute of Technology
Jan Trowbridge Dykman, B.A., DePauw University
Robert William Edmunds, B.A., DePauw University
Blair Edward Gensamer, B.B.A., Westminster College
Ralph Theron Hermon, B.S.E.E., Kansas State Agricultural College
Dallas Williams Jones, B.S., Brigham Young University
Thomas William Kostecki, B.S., Southern Illinois University
Richard Allen Kragler, B.S.Ed., Eastern Illinois University
James Henry Wakelin III, B.A., Ohio Wesleyan University
Edward Russell Bauer, B.S.B.A., Washington University
Kay Henle Christensen, B.S., Utah State University of Agriculture
Ronald Georges Creed, B.S.I.M., Georgia Institute of Technology
Jan Trowbridge Dykman, B.A., DePauw University
Robert William Edmunds, B.A., DePauw University
Blair Edward Gensamer, B.B.A., Westminster College
Ralph Theron Hermon, B.S.E.E., Kansas State Agricultural College
Dallas Williams Jones, B.S., Brigham Young University
Thomas William Kostecki, B.S., Southern Illinois University
Richard Allen Kragler, B.S.Ed., Eastern Illinois University
James Henry Wakelin III, B.A., Ohio Wesleyan University

Awarded—September 2, 1966

Arthur Walton Berry, A.B., The Monmouth College
Jimmie Heatley Close, A.B., Washington University
Bruce Horton Collony, B. Aero. E., Rensselaer Polytechnic Institute
James Moran Haines, B.A. Ind. Mgt., Purdue University
Walter Frederick Hoener, B.S.Ch.E., Washington University; M.E.A., ibid.
Stanley Arthur Levitt, B.S.C.E., Purdue University
Norman Louis Mark, B.B.A., Spencerian College
Charles Granville McLaughlin, B.S.C., Saint Louis University
Vincent Raymond Michael, B.S.B.A., Washington University
DOCTOR OF BUSINESS ADMINISTRATION

Candidates—June 4, 1967
David Ross Denzler, B.S.M.E., Lafayette College; M.B.A., Washington University
Title of Thesis: A Heuristic Production Lot Scheduling Model
Title of Thesis: An Investigation of the Revenue Recognition Expedients Employed in Practice and Their Justification
Lawrence Dean Vitt, B.S.M.E., Valparaiso University; M.B.A., Washington University
Title of Thesis: The Developing of Optimum Scheduling and Capital Investment Programs for a Seasonal Product Demand

Awarded—January 28, 1967
Title of Thesis: Production and Inventory Control of New Products From Initial Production to Establishment in the Market
Ja Song, B.A., Yonsei University; M.B.A., Washington University
Title of Thesis: An Analytical Study of the Expanding Scope of the Internal Auditing Division of a Large Food Manufacturing Company
Robert Leigh Virgil, Jr., B.A., Beloit College; M.B.A., Washington University
Title of Thesis: An Audience-Oriented Analysis of Selected Problems in Financial Accounting

Awarded—September 2, 1966
Emery Carl Turner, B.A., Central Missouri State College; M.B.A., Washington University
Title of Thesis: The Impact of the Labor-Management Reporting and Disclosure Act Upon Union Financial Administration
Richard Ralph Weeks, B.S., University of Illinois; M.B.A., Washington University
Title of Thesis: An Analytical Study of the Impact of the Marketing Concept of Management on Selling Organizations
The Following Candidates Will Be Presented By
UNIVERSITY COLLEGE
BACHELOR OF SCIENCE
Candidates—June 4, 1967

Don Arthur Alch
Virginia Anne Allen
Linda Rae Andersen
Anthony LeClaire Anderson
Raymond Gene Ashley
Charles Herbert Birchler
David Lee Blankenship
Joseph William Bles
Raymond Edward Botz
Paul Corwine Boyd
Robert William Bradshaw
Theodore Bronson, Jr.
Robert Charles Brouk
Edwin Milton Brune
David Ernest Brunk
William Quentin Bunting, Jr.
Robert Charles Buscher
M Lester Caldwell
Max Louis Candiotti
Richard James Chappuis
James Harrison Clark
Robert Allen Cohn, A.B., B.S., LL.B.
Walter Harry Curtis
Robert Lee David
Bernard Henry DeBolin
Armand Victor Dellande
Joseph James DePasquale
Ramón Manuel Díaz
Naomi Diskind
William Douglas Emmons
Netherlands Elie
Víctor Manuel Erosa
Michael John Evans
Eileen Andre Fanning
Dennis Alvin Frey
Ernest Frolichman
Sam Irwin Golman
W Earle Gooden
Alvin Edgar Grossman
Robert Alois Grothe
Audrey Jean Gutke
Lester George Hays
Walter Joseph Hicks
Charles Leonard Hildebrandt
Robert C Hillman
Caleb William Holyoke, Jr.
George Leslie Horton
Donald Ronald Huddleston
Lawrence Edward Hummel
Enid Alta Johnson
Robert Thomas Jorgensen
Glennon Matthew Jost, B.S.
Robert Clair Kenyon
Marilee Prada Kernis
Donald Harvey Kiem
Rita Ann Kilker
Don Francis King
Leo Francis Koch
Roy Arthur Langston
Charles Rolland Laramore
Trentis Risco Lawns
Jack Randolph Lewis
Robert Elmer Lueders
Charles Lee Luther
Leon Poiret Mace
Jacob Frederic Mangelsen
Charles W Marris
Thomas Charles Martin
Donald Richard Mascarenh
Joseph Louis Masek, Jr.
Robert E McElwee, Jr.
Robert Joseph McMullen
Lawrence Wesley Meecey
James Harvey Moore Meyer
Martha Anne Middleton
Ira Lawrence Mobbs
Barbara Gail Moore
Robert Joseph Mushbach
Jane Christine Murphy

magna cum laude

Marlene Kornblatt Hoffman

Awarded—January 23, 1967

James Henry Bauer
Lois Catherine Bennett
Kenneth Joseph Bono
Charles Albert Coggins
Albert Conway III
Leroy Oliver Dyer
Jerry Albert Frank
Jake Glassman
Roy Alan Herman
Robert Erwin Holdegraver
William Edward Hoven
John Francis Hynes, B.S.Ed., M.Ed.
Gloria Insel
Thomas Keith Johnston
Alan John Klein
John Howard Looney
George Branko Masse
Virginia Margaret Matta
Florence Leslie McQuater
James Herbert Measner
Robert Moccia
Hugh Hart Morrison, Jr.
Richard Alan Murray
Jerry Lee Myers
Joseph John Niehoff
John Eugene O'Rourke
Carl Stephens Otto

Awarded—September 2, 1966

John Michael Bauer
Anton Gerhard Becker
Susanne Elisabeth Bell
Gary Bierman
Gary Lee Bonnell
Nadine Wendele Carder
James Smith Coward
Murrell Thomas Cunningham
Thomas Edward Dobson
Robert Lee Dorsey
Michael Ronald Dowle
Michael Owen Dunphy
John Stephen Ebel
Barbara Scherbel Eckrich
Robert Anthony Emnett
Tillie G Friedenberg
Frank Clifton Grammer
Harold Andrew Gregory
Robert Dallas Hogan
Barbara Ann Hubka

Terrence Ernest Hughie
Louise E Kase
Sharron Moles Korenfeld
Alice Schuennhoff Kuehnert
Van Joseph Lalamondier
Gary Scott Lantis
Alfred Louis Marx
David Alan Maus
Donald John Menges
Marian Brater Montgomery, B.S.
Bachelor of Science in Education
Candidates—June 4, 1967
Harry Joseph Bahr, Jr.
Carol Sheets Bigham
Linda Margaret Crouch
Cynthia Kins Finkelstein
Nancy Lee Greenwald
Barbara Louise Hanovich
Edward Michael Averbuch
Marilyn Marge Coran
Joyce Elizabeth Barnes
Leatha Jane Blackwell
Jeanelle Ruth Bogue
Beverly Ewing Boyd
Virginia Ann Chapman
Bernice Elizabeth Childers
Irene Olga Faulkner
Christopher Louis Gianoulakis

Awarded—January 23, 1967
Ellen June Harter
Patrick Edward Hixson
Joyce Ann Leadford
Caryl S Sundland

Awarded—September 2, 1966
Michele Kash Goorman
Edgar Linn Grumke
Madge Elona Harris
Robert Doyle Holiday
Vernon Glenn Hughes
Marilyn Hazel Jenkins
Marrian Carter Marty
Elizabeth W Miller
Elsie Jean Mills
Eugene Lee Mills
Lena Mae O'Bannon
Helen Irene Payton
Emily Jane Tetter
Wanda Maudine Vaugh
Jedonna Wagner
Anita Lamb Werner

The School of Fine Arts

Candidates—June 4, 1967
Susan Shipley Balch
Dianne Estelle Beaudy
Donald Bernard Blasing
William Gene Bodenschutz
Judi Myri Boches
Abigail Dunn Chaitkin
Priscilla Chester
Suzanne Marie Church
Jennifer Ann Collins
Weasley Albert Custer, Jr.
Nita Deborah Daigre
Jayne Carol Diekmann
Nathan Jay Garland
Delores Ann Gigliotti
Janet Ann Hofmann
George Kalakaau Hara
Charles William Keppler

Patricia Ann Kwekkin
Karen Jane Litzinger
Frances Vivian Luce
Lynelle Lyon
Robert Francis Marti
Anne Elizabeth McCullough
Michael Ralph McKenzie
Stephanie Monoff
Marlynn Elizabeth Mueth
Barbara An Murphy
Elaine Reiko Nishi
Leslie Novick
Nicole Kathryn Nystrom
Arlene Ratha Olson
John Spencer Paul
Clare Louise Plagge
Carole Ann Pitzer
Laurence Alan Rosen
Bonnie Lynne Rubenstein
Ann-Marie Sandberg
Bruce Whitmore Scherman
Karen Ann Schneider
Sheila Jean Schufeldt
Vivian Minor Schulz
Rosalind Elaine Schwartzberg
Stephen Albert Shank
Holly-Dale Shapira
Kenneth Ashley Stout
Richard Michael Swier
Robert Lois Trocky
Marilyn Christine Ulh
Jacqueline Lee Vincent
Sandra Claire Walsh
Dana Dee Wendell
Betty Virginia Stevens

Awarded—January 23, 1967
Shirley Edythe Grodsky

Awarded—September 2, 1966
Genevieve Marie Hitzeman

Barbara Lorraine Loftis
Mary Fischer Turner

Master of Fine Arts
Candidates—June 4, 1967
Abigail Shippen Hadley, B.F.A., Rhode Island School of Design
Richard Allen Johnson, B.F.A., Minneapolis School of Art
Patricia Whitty Lanier, B.F.A., Tulane University
Marilyn Worthen Oesch, B.F.A., Washington University
Ronald Walter Pekar, B.F.A., Washington University
Jennifer Ann Coburn
Ernest Walter Smith, Dipl. F.A., National Art School
Lee Walls, B.F.A., Washington University
THE GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK

The Following Candidates Will Be Presented By
WAYNE VASEY, M.A., Dean

MASTER OF SOCIAL WORK

Candidates—June 4, 1967

David Wayne Amonette, B.A., David Lipscomb College
Patricia Ann Antle, A.B., University of South Dakota
Jane Stuart Barr, B.A., Southwestern College
Kenneth Lloyd Beals, B.S., Washington University
Donald Ray Rice, B.A., GraceLand College
Edith Bean Bogusky, A.B., Washington University
William Floyd Bradley, B.A., San Jose State College
Karen Elaine Brandon, A.B., Ohio University
Anne Margaret Bredeman, B.S., Saint Louis University
Patricia Jane Browder, B.S., magna cum laude, Mississippi Valley College
Jane Marie Cannady, B.A., Manhattanville College
George Elvin Cassell, B.S., Jamestown College
Betty Pei-Ngor Chen, B.A., Hong Kong University
Susan Bench Corrington, A.B., Washington University
Lynn Danforth, B.A., Whittier College
Kathryn Sue Dunham, B.S., magna cum laude, Indiana State University
Val Deane Faires, B.S., Washington University
Kathleen Ann Fillo, B.S., Saint Louis University
Jean Elizabeth Garst, B.A., Siena College
Donald Milton Gjesfeld, B.A., Augustsburg College
Melvin Ira Glick, B.A., Goshen College
Bonnie Amerman Goler, B.A., University of Oklahoma
LeRoy Earl Goddard, B.A., University of Missouri
Carol Lee Greer III, B.S., Arkansas State Teachers College
Barbara Ann Griffin, B.A., magna cum laude, Oklahoma Baptist University
Dennis Norman Griffin, B.S.Ed., Greenville College
Eunice Cole Griffin, B.A., Valparaiso University
Thomas Adam Grundy R., B.S., Southern State College
Myrna Pearl Haga, B.A., University of North Dakota
Karen Elaine Brandon, A.B., Ohio University
Anne Margaret Brown, B.S., magna cum laude, Missouri Valley College
Jane Marie Cannady, B.A., Manhattanville College
George Elvin Cassell, B.S., Jamestown College
Betty Pei-Ngor Chen, B.A., Hong Kong University
Susan Bench Corrington, A.B., Washington University
Lynn Danforth, B.A., Whittier College
Kathryn Sue Dunham, B.S., magna cum laude, Indiana State University
Val Deane Faires, B.S., Washington University
Kathleen Ann Fillo, B.S., Saint Louis University
Jean Elizabeth Garst, B.A., Siena College
Donald Milton Gjesfeld, B.A., Augustsburg College
Melvin Ira Glick, B.A., Goshen College
Bonnie Amerman Goler, B.A., University of Oklahoma
Robert Morrison Greene, A.B., University of Illinois
John Gage Greer III, B.S., Arkansas State Teachers College
Carolee Ann Griffin, B.A., magna cum laude, Oklahoma Baptist University
Dennis Norman Griffin, B.S.Ed., Greenville College
Eunice Cole Griffin, B.A., Valparaiso University
Thomas Adam Grundy R., B.S., Southern State College
Myrna Pearl Haga, B.A., University of North Dakota
Sharon Evelyn Hall, A.B., Wheaton College
Rhea Hisey, A.B., University of Alabama
John William Hoffmann, B.S., Loyola University
Linda Karen Holmes, B.S., Saint Louis University
Marjorie Seward Hubbell, B.S., Rural Pub. Welfare, University of Missouri
Mary Martha Jacques, B.S., Ed., University of Missouri
Dennis Harold Johnson, B.S.Sec.Ed., Wisconsin State University
Thomas Clarke Jones, A.B., William Jewell College
Donald Lewis Kovacs, B.A., Southern Illinois University
Dorothy Kay Kvarv, B.A., cum laude, Wartburg College
Marilyn Helen Lammert, B.A., Elmhurst College
Jacqueline Thomas Lederer, B.S., Fontbonne College
Virginia Sievers Lenobel, A.B., Washington University
Rima Sandbank Logan, B.S., Social Welfare, Ohio State University
Chas Malcolm McAlister, B.A., Southern Illinois University
Jeanne Marie Miller, B.A., University of Connecticut
Sandra Lee Miller, A.B., Washington University
Alan LaRoy Monkman, A.B., San Francisco State College
Martha Virginia Moore, B.S., magna cum laude, Mississippi State College for Women
Eugene Raymond Muffler, B.S.Ed., Southern Illinois University
Robert Deen Nowlin, B.A., cum laude, Oklahoma Baptist University
Dorothy Jane Ogie, A.B., Washington University
Karen Margaret Olson, B.A., cum laude, Concordia College
Felicia Lelia Petry, B.A., Manhattanville College
Jean Jaeger Pfeifer, B.A., Hamline University
Janet Sue Fortell, B.A., Southern Illinois University
William Snyder Ready, A.B., Indiana University
Ingrid Petersen Reuter, B.A., Bowling Green State University
John Deen Reicher, B.A., College of Wooster
Edwin Maurice Robinson, B.A., Agricultural, Mechanical and Normal College
Violet Rose Ruplinger, B.S., University of Wisconsin
Emily Hunter Ruppert, A.B., Lindenwood College
James Arthur Schlie, B.A., Concordia Senior College
Ann Margaret Seaman, B.A., MacMurray College
Conceal J. Smith, Jr., B.S., University of Missouri
Mary Fetters Smith, A.B., magna cum laude, Bradley University
Elsa Giselle Stabbert, B.S., Washington University
Darlene Gates Stevenson, B.A., Denver University
Phyllis Ray Stutzman, B.A., Goshen College
Karen Ann Titrud, B.A., Macalester College
Lawrence Hugh Trickey, B.S., Florida State University
Thaisa Venk, Diploma (Dentist), University of Munich, Germany
Peggy Jean Walker, B.A., Southern Illinois University
Lyle Lobel Warner, A.B., Smith College

20
Margaret Ann Wayne, A.B., Washington University
Linda Wheeler, B.A., Louisiana State University
Lloyd Wayne Whyte, B.S.Ed., Northeast Missouri State Teachers College
Janet Leslie Williams, B.A., Carroll College
Annie Bell Woodley, B.A. magna cum laude, Dillard University
Martha Leonor Zertuche, B.A., Valparaiso University
Richard Martin Zuengler, A.B., Ripon College

DOCTOR OF SOCIAL WORK

Candidates—June 4, 1967

Donald Everard Chambers, A.B., Stanford University; M.S.W., University of Nebraska
Title of Thesis: Willingness to Adopt "Hard-to-Place" Children

Richard Sterne, B.B.A., City College of New York; M.S.W., Washington University
Title of Thesis: The Initial Influence of Structural Variations in Casework-Field Instruction upon Students' Mastery of Classroom Knowledge
THE SCHOOL OF LAW

The Following Candidates Will Be Presented By
HIRAM HENRY LESAR, A.B., J.S.D., Dean

BACHELOR OF LAWS

Candidates—June 4, 1967
Michael Munroe Berger

DOCTOR OF LAW

Candidates—June 4, 1967
Michael Holtzman

Erwin Spencer Barbre

Stephen Wolf Arky, A.B.
John William Baker, A.B.
Thomas George Banjanin, A.B.
Richard Steven Beidner, B.S.B.A.
Donald Chester Bernstein, B.S.B.A.
Lawrence Brody, B.S.
Donald Loyd Bryant, Jr., B.A.
Thomas Mitchell Campbell, B.A.
Ellen Anne Chamberlain, B.A.
Robert Bruce Coffin, A.B.
Ronald Neal Compton, B.S.E.E.
Michael Bruce Cooney, B.S.
Stephen Phillip Dees, A.B.
Darrell Lee Deputy, Jr., A.B.
Karl David Drexheimer, B.A.
Jasper Norman Edmundson, A.B.
George Walter Finch, B.S.M.E., B.S.E.E.
Ronald Kuper Fisher, B.S.
George Leonard Fitzsimmons, B.S.
Robert James Freund, B.A.

Candidates—June 4, 1967
Michael Munroe Berger

DOCTOR OF LAW

Candidates—June 4, 1967
Michael Holtzman

Erwin Spencer Barbre

Martin Epler Galt III, B.A.
Thomas Lawrence Geiger, B.A.
James Mortimer Gordon, A.B.
Andrew Franc Greensfelder, B.A.
Frederick Oliver Griffin, Jr., A.B.
Michael Lowell Hanigan, B.A.
William Henry Hardy, Jr., B.A.
Irwin Harold Harris, B.S.B.A.
William Rodgers Heiss, B.S.
James William Herron, B.S.
David Robert Hess, A.B.
James Allison Hopper, B.S.
Mark Neal Hyatt, B.S.B.A.
William Radcliffe Kanes, A.B.
Leighton Lawrence Leighty, B.A.
Ronald Lee Luczk, B.S.Engr.Sci., M.S.
Ronald Ude Lurie, B.S.B.A.
Mary Claire McDonnell, B.A.
Hugh McPheeters, A.B.
John Louis Mellits, A.B.
Walter Allan Murray, Jr., B.A.

Awarded—January 23, 1967
David George Heeter, B.F.A.

Awarded—September 2, 1966
Arthur John Timins, A.B.

Morton Allen Pactor, A.B.
THE SCHOOL OF DENTISTRY

The Following Candidates Will Be Presented By
LEROY ROBB BOLING, PH.D., Dean

MASTER OF SCIENCE IN ORTHODONTICS

Candidates—June 4, 1967
Ralph Mayo Clements, Jr., B.S., D.M.D.
Edward Carlton Fox, A.B., D.D.S.
Charles Martin Hulsey III, D.D.S.
Carl Emil Moellinger, D.D.S., B.S.
Donald Robert Oliver, D.D.S.
William Leonard Schwartz, D.D.S.

DOCTOR OF DENTAL SURGERY

Candidates—June 4, 1967

Ralph Gilbert Adams
Kanji Richard Asami, B.A., B.S. Pharm.
Joseph Thomas Bradley, B.S.
Stephen Morley Burton, B.S. Ed.
Robert Duane Coachman
Walter Moore Davies, Jr.
Robert Eugene Ferguson, B.S.
Jimmie Lee Gann
Lewis Donald Guess, Jr., B.S.
John Anthony Haden, A.B.
Glenn John Hemanes
David Charles Hillson
Howard Eric Insel, A.B.
Yutaka Tom Kimura

James Edward Lamont
Aima Gordon Larsen, B.S.
Larry Shelby Lester, A.B.
Douglas Norman Logan
William Ray Massey
Paul Allen Melnik, B.S.
Richard Lorenz Miller, A.B.
Andrew George Mitchell
James Burney Munce
Van Ayres Nash
James Raymond Olsen, B.S. Zoology
Franklin Stanton Palmer, Jr., B.A.
Wayman Darryll Price
Joe Allan Provinces, B.A.

cum laude

Cary Allan Behle

James Edward Lamont
Aima Gordon Larsen, B.S.
Larry Shelby Lester, A.B.
Douglas Norman Logan
William Ray Massey
Paul Allen Melnik, B.S.
Richard Lorenz Miller, A.B.
Andrew George Mitchell
James Burney Munce
Van Ayres Nash
James Raymond Olsen, B.S. Zoology
Franklin Stanton Palmer, Jr., B.A.
Wayman Darryll Price
Joe Allan Provinces, B.A.

cum laude

Cedric Philippe Cedric Haddad

Michael Matlof
THE SCHOOL OF MEDICINE

The Following Candidates Will Be Presented By
MORRIS KENTON KING, M.D., Dean

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

Candidates—June 4, 1967

Kathleen Redding Allred
Mary Kathryn Burgess
Martha Holton Christian
Sidney Katherine Colton, B.A.
Helen Ann Elson
Jean Karen Folk
Jean Landau Hearst
Sandra Stooks Leinier
Linda Catherine Lukeke
Mary Lynn Meyer
Bonnie Lee Olsher
Mary Beth Petchaft
Gloria Sue Schwartz
Judith Ann Stumpf
Barbara Arlene Trumbull

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Candidates—June 4, 1967

Ray Allen Boone
Diane Candage
Cynthia Ann Cummings
Jeanne Elizabeth Fording
Marilyn Elaine Greer
Sandra Stooks Leimer
Linda Catherine Lukeke
Barry Ridley Howes

MASTER OF HOSPITAL ADMINISTRATION

Candidates—June 4, 1967

Charles Blencowe Daniel, A.B.
Samuel Joseph Eblen, B.S.
Julian Stanley Kolodziej, A.B.
James Walter McPheeters III, B.S.
Robert James Nelson, A.B.
Leonard Augustus Nickels, B.S.
James Joseph O'Connell, B.S.
Harvey Eugene Penwell, A.B.
Gary Robinson, A.B.
Robert Dunham Smith, A.B.
Jerry Copeland Taylor, B.S.
James Edward Tinnermon, B.B.A.
Floyd Dale Whitten, B.S.
Thomas Coleman Winston, A.B.
Paul Harold Wunderlich, A.B.

DOCTOR OF MEDICINE

Candidates—June 4, 1967

Michael Adams, B.A.
George Sawall Allen, B.A.
Douglas Wayne Alvord, B.A.
Robert Stanley Andersen
David Lawrence Anslinger, B.S.
John Errol Asher, A.B.
David Paul Bhend, A.B.
Ronald Charles Bilchik, B.S.
Grace Lucie Blair, B.A.
Milton Sanford Bleiweiss, A.B.
Johnny Bliznak, B.A.
John Charles Boetto, B.S.
Philipp Emanuel Bornstein, B.S.
Robert Thomas Bramson, A.B.
David Carl Brock, A.B.
Alan Lawrence Brodsky, B.S.
Peter W Broido, A.B.
John Brigham Buettner, B.A.
Allan Clair Campbell, B.S.
Robert John Clark, B.S.
Richard Barton Counts, A.B.
Sandra Jo Karm Counts, B.S.
John Raymond Crouch, Jr.
John Simonon Douglas, Jr., B.A.
Edward Allan Eikman, B.A.
John Raber Feagler, A.B., M.S.
Rand Terrell Frederiksen
Eric William Friedrich
Allan Joel Goldstein, A.B.
Donald Arthur Hazlett, A.B.
John Hered, B.A.
Larry Arthur Holle, B.A.
William Benjamin Horner, Jr., A.B.
Michael Bernard Jacobs, A.B.
Terry Hartwig Johler, B.A.
Murray Alan Johnstone, B.A.
Arnold Elliott Katz, A.B.
David Garrett Kemp, B.S.
Ira Joe Kodner, A.B.
Benjamin Ching Kee Kwan, B.S.
David Louis Kyger
Paul Henry Lange, B.A.
Frank Scott Letcher, B.A.
Ivan Louis London, B.A.
Henry Norton Mausie, A.B.
George Bernard McDonald, B.S.
Robert Beatty McLean, B.A.
Len Wayne Morris
William Herbert Oehlert, Jr.
Robert Dean Porter, B.A.
Gary Stuart Rachelefsky, A.B.
Lawrence Da Silva Ramalho, A.B.
Gary Alan Ratkin, B.A.
Max Edward Reddie, B.S.
Alan Joel Reich
Thomas Earl Riggs, B.S.
Randall Rosenthal, B.S.
Jay Allen Rothman, A.B.
James Alexander Seddon, Jr., A.B.
Richard Clarke Shaw, A.B.
Robert Dennis Shay
Paul Stephen Simons, B.A.
Richard Jay Slavin
Michael Joseph Specter
Edward Kent Stevenson, A.B.
Melvin Strauss, B.A.
Eric Decatur Stromberg, B.A.
Michael Roy Treister
Ronald H Ullman
Joella Fayte Utley, B.A.
Sharon Hogan Van Meter, A.B.
Stephen Woehler Van Meter, A.B.
Frank Vinicor, B.A.
Andreas Max Walehner, A.B.
Albert Frederick Wernuth, Jr., B.S.
Philip Ziporin, A.B.
The Following Candidates Will Be Presented By
MARSHA MARIE BROWN, M.A., Dean

BACHELOR OF SCIENCE IN NURSING

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<td>Etta Rae Brener</td>
<td>Margaret Ann Huber</td>
<td>Loramie Rentfro</td>
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<td>Sheila Shea Byrnes</td>
<td>Peggy Eileen Liles</td>
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<td>Sandra Colleen Browder</td>
<td>Irene Pearl Johnson</td>
<td>Miriam Ruth Timm</td>
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<td>Patricia Johnson Krippner</td>
<td>Dolly Mae Townsend</td>
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<td>Irene Mable Irvin</td>
<td>Connie Nicodemus Rainford</td>
<td>Addie Craig Wiggins</td>
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MASTER OF SCIENCE IN NURSING

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<th>Candidates—June 4, 1967</th>
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<tr>
<td>Sandra Marsek Blaesing, B.S.N., Washington University</td>
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<td>Mary Louise Brown, B.S.N., Saint Louis University</td>
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<td>Joyce Loehner Dierkes, B.S.N., Avila College</td>
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<td>Janice Cobb Fraher, B.S.N., Keuka College</td>
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<td>Lorraine Marie Gentner, B.S.N., Saint Louis University</td>
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<td>Beula Clemens Glick, B.S.N., Goshen College</td>
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<td>Irene Elizabeth Hanehart, B.S.N., University of Missouri</td>
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<td>Kathleen Marie Hare, B.S.N., College of Saint Mary</td>
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<td>Phyllis Marie Jacobs, B.S.N., University of Wisconsin</td>
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<td>Carol Pike Katz, B.S.N., Nazareth College of Rochester</td>
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<td>Loretta Janice Kelley, B.S.N., Fresno State College</td>
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<td>Mary DeLourdes Kolles, B.S.N., Marquette University</td>
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<td>Marilyn Jean Krajek, B.S.N., Duchesne College of the Sacred Heart</td>
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<td>Sigrid Ruth Lindemann, B.S.N., Washington University</td>
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<td>Virginia Mae Luetje, B.S.N., Washington University</td>
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<td>Mary Catherine Martin, B.S.N., Saint Louis University</td>
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<td>Adrienne Delores McKenna, B.S.N., Saint Louis University</td>
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<td>Ruth Louise Murray, B.S.N., Lindenwood College</td>
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<td>Elizabeth Unterreiner Parato, B.S.N., Saint Louis University</td>
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<td>Irene Magdalena Powers, B.S.N., Southern Illinois University</td>
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<td>Isabelle Frances Rasplika, B.S.N., University of Illinois</td>
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<td>Carolyn Margaret Reaves, B.S.N., Baylor University</td>
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<td>Ruth Law Reed, B.S.N., Medical College of Georgia</td>
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<td>Elizabeth Ann Schoeberle, B.S.N., Saint Louis University</td>
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<td>Clarice Tierney, B.S.N., Saint Louis University</td>
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<td>Lynne Vanek, A.B., DePaul University</td>
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<td>Jenni Louise Walt, B.S.N., Ohio State University</td>
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<td>Luella Callanan Warren, B.S.N., Saint Louis University</td>
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<td>Ruth Anne Zimmermann, B.S.N., Cornell University</td>
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THE GRADUATE SCHOOL OF ARTS AND SCIENCES

The Following Candidates Will Be Presented By
DAVID BAILEY CARPENTER, Ph.D., Dean

MASTER OF ARTS

Candidates—June 4, 1967

IN ART AND ARCHAEOLOGY
Felipe Pablo Betancourt, B.S.Ed., cum laude, Southwest Missouri State College
Luise Merkel Morton, B.F.A., Washington University

IN ASIAN STUDIES
Ann Mary Harrington, B.A., Mundelein College
Susan Carol Stone, A.B., Washington University
Kenneth Joseph Wenzel, A.B., Washington University

Sally Lee Snyder, B.S., The St. Lawrence University
Grace Mildred Stoddard, B.A., The University of North Carolina

IN BIOLOGY
Judith Ida Coburn, A.B., magna cum laude, Mount Holyoke College
Malcolm McFarland Fowler, B.S., The University of New Mexico
Suzanne Greene Gronemeyer, A.B., Washington University
Sally Jen Wenzel, A.B., Washington University

IN CHEMISTRY
Malcolm McFarland Fowler, B.S., The University of New Mexico
Suzanne Greene Gronemeyer, A.B., Washington University
Sally Jen Wenzel, A.B., Washington University

IN CLASSICS
Glen Wallace Singer, A.B., Washington University

IN ECONOMICS
Richard David Alexander, A.B., Columbia University
Henry Francis Alsobrook, B.S., Washington University
Norbert William Bredell, Jr., B.A., Loras College
Henry Rodin Hertzfeld, A.B., University of Pennsylvania
Madhavi Anant Pandya, B.Com., Sydenham College of Commerce and Economics
Raymond Jay Struyk, B.A., Quincy College

IN EDUCATION
Nancy Dappert Guernsey, A.B., Washington University

IN ENGLISH
Rochonne Weintraub Abrams, B.A., Wellesley College
Louis Daniel Brodsky, B.A., magna cum laude, Yale University
Richard James Collier, M.A. (Hons.), University of Edinburgh
Andrew Vogel Ettin, A.B., Rutgers, The State University
Duane Paul Mehl, B.A., Concordia Seminary; B.D., Theol. Dipl., ibid.
James Earle Rich, B.A., Cornell College
Pat Lorraine Simons, B.A., The University of Texas

IN ENGLISH; HISTORY
Frederic Murray Hadley, Jr., B.A. cum laude, Amherst College

IN EXPERIMENTAL PATHOLOGY
Roosevelt Leonard Tillman, B.A., Fisk University

IN GEOGRAPHY
Warren Harvey Turner, A.B., Washington University

IN GEOPHYSICS
John Hudson Baker, B.A., DePauw University

IN HISTORY
Joan Elizabeth Droese, A.B., Washington University
Julia Cooper Rasmussen, A.B., Earlham College
Louis John Reith, B.A., Concordia Senior College; B.D., Concordia Seminary
Paul Warren Rothschild, A.B., The University of Chicago; J.D., ibid.
Fredric Elliot Russell, B.A., Swarthmore College
Catherine Cornelia Van Cleve, A.B., Stanford University
IN MATHEMATICS
Richard Drummond McKelvey, A.B. *cum laude*, Oberlin College
Mary Armstrong Shamblin, A.B. *summa cum laude*, Washington University

IN PHILOSOPHY
David Israel Blumberg, B.A., Brooklyn College
Elilu Carranza, A.B., San Jose State College
Michael David Cohen, B.A. (Hons.), University of Exeter
Richard Siston Davis, B.A., Yale University
Lawrence Stiven Grable, B.A., Carleton College
Charles Richard Meyer, A.B., Washington University
James Alwin Thomas, B.A., University of Delaware

IN PHYSICS
Howard Crittendan Baker, B.A., Berea College
David Kalmnn Biegelien, B.S. *magna cum laude*, Yale University
Dong Won Cho, B.Sc., Yonsei University
Richard Baldwin Dayton, A.B., Cornell University
Robert William Guernsey, Jr., B.S., Carnegie Institute of Technology
John William Ladrigan, B.S., University of Cincinnati
Muser Mu-shen Lin, B.Sc., National Taiwan University
Richard Alvin Mewaldt, B.A. *cum laude*, Lawrence University
Dong Jin Nam, B.Sc., Seoul National University
Chia Hsiung Yang, B.Sc., Tunghai University; M.Sc., National Tsing Hua University

IN POLITICAL SCIENCE
Shirley Jo Holtzman, B.S., Northwestern University
James David Kozloski, B.S., Indiana State College
Peter Calvin Sctivner, A.B., Washington University
Irl Stephen Solomon, A.B., Brandeis University
John Lester Yong, B.A. *magna cum laude*, Wichita State University

IN PSYCHOLOGY
Suzanne Elaine Bohn, B.S., State University of Iowa
Barbara Fuchs Caspi, B.A., Hofstra College
Carolyn Sklenar Swallow, A.B., Earlham College
Barbara Lee Wilper, A.B., Washington University

IN SOCIOLOGY
David Robert Buckholdt, B.A., The College of Wooster
Donald Edgar Gelfand, B.A., Queens College
Barbara Sherman Heyl, A.B., Stanford University
Robert Allan Laud Humphreys, B.A., Colorado College; B.D., Seabury-Western Theological Seminary
William Allan Read, B.S., University of San Francisco
Matthew Allen Sugarman, B.A., Brooklyn College

IN SPANISH
Rufino Reinaldo Sánchez, B.Letters, Instituto de Segunda Enséñanza de Marianao; LL.D., Universidad de la Habana

*Awarded—January 22, 1967*

IN ANTHROPOLOGY
Meral Orgun, A.B., Lindenwood College

IN ART AND ARCHAEOLOGY
Mary Gessner Park, A.B., Smith College

IN ASIAN STUDIES
John Davidson Thomas, A.B., Knox College

IN ASIAN STUDIES; ECONOMICS
Siew-jin Tan, B.A.Com.(Hons.), New Asia College

IN CLASSICS
Cyrus Frederick St. Clair, A.B., Washington University

IN ECONOMICS
Raymond Joseph Dunn Baker, B.A., Western Maryland College
Kenneth Edward Galchus, B.B.A., The City College of New York
David William Rasmussen, A.B., Earlham College
Gerald William Williams, A.B., Wilkes College
IN ENGLISH
Lorraine Frances Bernacki, B.A. *cum laude*, State University of New York at Albany
Leanna Catherine Boysko, A.B., Lindenwood College
Sandra Jeanne Ihle, B.A., Evansville College
Michael Paul Nesnet, B.A., Luther College
Jo Etta Rowden, B.A. *cum laude*, Conventan College
Akmeemana Mudalige Gilbert Sirimanne, B.A. (Hons.) English, University of London;
Dipl.Educ., ibid.

IN FRENCH
Lucy Schmitz Morros, A.B. *cum laude*, Washington University

IN GERMAN
Mary Jane O'Neill, A.B. *cum laude*, Regis College
Sue Ellen Wright, A.B., Simpson College

IN GERMAN; EDUCATION
Ruth Anna Lippman, A.B., Washington University

IN HISTORY
Robert Calder Alexander III, B.A., University of Maryland;
A.M., Washington University
Bernard Axelrod, B.A. *summa cum laude*, University of Denver; M.A., ibid.
Steven Charles Hause, B.S.Journ., Northwestern University
Thomas Worth Walterman, A.B., Augustana College; M.A., State University of Iowa

IN PHILOSOPHY
Richard Charles Jennings, B.A., Michigan State University

IN PHYSICS
Francois Jerome Trogan, Licence es Sciences, Université de Nancy;
Ingénieur E.N.S.E.M., Ecole Nationale Supérieure d'Electricité et de Mécanique

IN POLITICAL SCIENCE
Mary Stanford Bennett, B.A., Beloit College
Charles Spencer Bullock III, A.B. *summa cum laude*, William Jewell College

IN PSYCHOLOGY
Ann Elizabeth Beeler, A.B., Washington University

IN SOCIOLOGY
Georgia May Barrow, B.A. *magna cum laude*, Sterling College
Daniel Edward Ferritor, A.B., Rockhurst College
Britta Sibylle Fischer, A.B., Columbia University
Paul Ross Magee, B.A., Harding College; M.A., ibid.

*Awarded—September 2, 1966*

IN ANTHROPOLOGY
Charles Fredric Blake, B.A., University of Hawaii

IN CHEMISTRY
Sandra Virginia Scherbel, B.A. *cum laude*, Central Methodist College
Albert Leopold Shain, B.S., University of California at Los Angeles
Yueh-sha Wang, B.Sc, Taiwan Normal University; M.Sc.,
Tokyo University of Education

IN ECONOMICS
Melvin Vernon Borland, Jr., B.A., Centre College of Kentucky
John Talbot Donnell, B.S.Agr., University of Missouri
Antonio Intagliata, Dipl., Universita Degli Studi di Catania;
Laurea Comm. & Fin., Universita di Catania
Avinash Chandra Kela, B.A. (Hons.), St. Xavier's College
Mannakunnil Varghese Kurien, B.A., University of Kerala; M.A., ibid.
Roger Martin Saville Maconick, B.A., St. Catherine's College, Oxford
Ambaye Petros, B.A., Haile Sellasie I University

IN ENGLISH
Robert Louis Chianese, A.B., Rutgers, The State University
Catharine Hollett Davison, B.A. *cum laude*, Carleton College
Terrence George Des Pres, B.A., Southeast Missouri State College
Carolyn Jane Fuchs, B.A., University of Dallas
Michael Lowenstein, B.A., Carleton College
Eugene Philip Page, A.B., Oberlin College
Eugene Benliman Redmond, B.A., Southern Illinois University
Judith Huitt Rivero, A.B. magna cum laude, Maryville College of the Sacred Heart
Joseph Donald Salvia, B.S., Saint Louis University
Eugene Kohler Schneider, A.B., Saint Louis University
Beth Lee Schneiderman, A.B., Washington University
Eve Sternberg Teitelbaum, A.B., Mount Holyoke College
Tommy Neil Tucker, A.B., magna cum laude, Washington University
Martha Roth Weismantel, A.B., Maryville College of the Sacred Heart
Daniel Coultas Williamson, A.B., Harvard College
Jo Willa Fouts Zausch, B.A., Evansville College

IN ENGLISH; PHILOSOPHY
Nancy Lee Schapiro, A.B., Washington University

IN FRENCH
Carolyn Sue Brinnon, A.B., Washington University

IN FRENCH; SPANISH
Barbara Luszczynska, B.A.(Hons.), Queen Mary College

IN GERMAN
Mary Eleanor Zachman, A.B. cum laude, Washington University

IN HISTORY
John Paul Grundman, A.B., Columbia University
Marilyn Veree Pajot, B.A., Albion College
Ruth Sharman Fitzele, A.B. magna cum laude, Washington University
Margaret Gilkey Richards, B.A., Wellesley College
Sally Isabel Squires, A.B. summa cum laude, Washington University
Jerrald Lynn Townsend, A.B., The University of North Carolina
Margaret Evans Townsend, A.B. cum laude, Smith College
Karen Elizabeth White, A.B. magna cum laude, Washington University

IN MATHEMATICS
Harvey Charles Greenwald, B.S.Math., Massachusetts Institute of Technology
Richard David Weiner, A.B., The University of Rochester

IN MOLECULAR BIOLOGY
Helaine Ann Donahue, A.B., Smith College
Harry Ray Fair, Jr., B.S. magna cum laude, Wheeling College

IN PHYSICS
Stephen Peter Gary, B.S. Physics, Case Institute of Technology
Jonathan Mishory, B.S., Stanford University
Charles Dean Pfeifer, B.S., Hamline University
Kang-Nien Tung, B.Sc. Naval Arch., Chinese Naval College of Technology

IN PSYCHOLOGY
Judith Rae Bennett, A.B., MacMurray College
Nicholas Vincent Ciaccio, B.A. cum laude, The Creighton University
Terrence Patrick Grace, B.S., Loyola University
Doris Diamant Machtinger, A.B., Washington University

IN SOCIOLOGY
Ada Marie Kaplan, A.B., Washington University
Elizabeth Ann Kleindienst, A.B., Washington University
Shang Ik Moon, B.A., Concordia Senior College; B.D., Concordia Theological Seminary
David Edward Mutchler, Classical A.B., Saint Louis University

IN SPANISH
David Laurence Appelbaum, A.B., Washington University

MASTER OF ARTS IN TEACHING
Candidate—June 4, 1967

IN SCIENCE EDUCATION
Shirley Lucy Chu, B.S., Cornell University
MASTER OF ARTS IN EDUCATION

Candidates—June 4, 1967

IN EDUCATION
Carol Sue Adler, A.B., Washington University
Charlotte Epstein Biegelsen, A.B., Washington University
Judith Ann Boyle, A.B., Drury College
Jeanne Bowers Bragg, B.A., Wells College
Donald Walker Burnes, A.B., Princeton University
Cecil Eugene Cochran, A.B., Lincoln Bible Institute
Americo Louis Di Prete, B.A., Providence College
Patricia Botner Feiler, B.S.H.Econ., University of Kentucky
George Robert Fritz, A.B., Washington University
Elizabeth O’Neal Graham, B.S.Ed., Arkansas State College
Anna Lynn Hatton, B.S.Ed., State Teachers College
Elizabeth Louise Hodgson, A.B., Lindenwood College
Shirley Ann Howard, B.S.N., Washington University
Robert Allen Kaye, A.B., Washington University
Elaine Sue Kontominas, A.B., MacMurray College
Michael Harold Maguire, B.S.Ed., Washington University
Elizabeth Myers Morgan, A.B.Ed., Harris Teachers College
Peggy Huch Reichman, A.B., Washington University
Florence Marie Robertson, A.B., Washington University
Helen Kottman Savio, B.S.Ed., Washington University
Frances Hurst Schlueter, A.B.Ed., Harris Teachers College
Amy Margaret Sharpe, B.S.Ed., B.S.Ed., Lincoln University;
M.A.Ed., Washington University
Marilyn Epstein Susman, A.B., Brandeis University
Delores Whyman, B.S.Ed., Washington University
Victoria Willman, A.B. cum laude, Maryville College of the Sacred Heart
Marian Dolores Willis, B.A., Southern Illinois University
Jean Weil Wolff, B.Ed., Pestalozzi Froebel Teachers College

IN MUSIC EDUCATION
Keith Douglas Cormack, A.B., William Jewell College
Jeannie Elise Faulkner, A.B., Grinnell College
Robert Joseph Hutcheson, Jr., B.A., Cardinal Glennon College
Gail Ann MacKenzie, B.M.E., Lindenwood College
Gretchen Hotz Ross, B.Mus.Ed., The University of Tulsa
Darrell Eugene Urban, B.Mus., Washington University

IN PHYSICAL EDUCATION
William Mathew Schmidt, Jr., B.S., Saint Louis University
Michael Harry William Thompson, A.B., Washington University

Awarded—January 23, 1967

IN EDUCATION
Eileen Martin Hiob, A.B.Ed., Harris Teachers College
Rita Milhollin Kragler, A.B., Washington University
Clara Louise Marin, A.B.Ed., Harris Teachers College
Nancy Adler Sachar, A.B., Barnard College
Diane Patricia Wallace, A.B., Earlham College

IN EDUCATION; MUSIC
Anthony Frank Fazio, B.Mus., Washington University

IN MUSIC EDUCATION
Barbara Jean Cook, B.Mus.Ed. cum laude, The Municipal University of Wichita

Awarded—September 2, 1966

IN EDUCATION
Holden Baker, A.B., Washington University
Mary Joan Berhorst, A.B.Ed., Harris Teachers College
Mary Ellen Berres, B.A.Ed., Nebraska State Teachers College
Beverly DeWitt Blackburn, B.S.Ed., Northeast Missouri State Teachers College;
B.A., ibid.
Elaine Greenberg Blatt, A.B., Washington University
Nancy Friend Bollinger, B.S.Spch., Northwestern University
Russell Edwin Condit, A.B.Ed., Harris Teachers College
Brenda Martinez DeLano, B.S., The University of Chicago
Kenneth Eric Dillner, A.B., Colorado State College of Education
Ruth Helen Edwards, B.S.Ed., Northeast Missouri State Teachers College
Andrea Maxwell Enrich, A.B., Radcliffe College
Geraldine Probe Friedman, A.B., Washington University
Mary Billingsley Garth, B.S., Eastern Kentucky State Teachers College
Richard Harold Grace, A.B., Washington University
Vernon Lee Henderson, B.S.Ed., Washington University
Marilyn Jean Heneghan, A.B., Maryville College of the Sacred Heart
Alice Ogle Hoehnen, B.S.H.E., Purdue University
Janet Ann Jones, A.B., William Jewell College
Jean States Meigs, B.S., Bradley University
Roswell Messing III, B.A. cum laude, Wesleyan University
Donald Robert Mieser, B.A., Concordia Theological Seminary;
B.D., ibid.; S.T.M., ibid.
Enunce Mildred Moelling, A.B., Washington University
Helen Maybelle Putz, B.S.Ed., Washington University
Agnes Evangeline Reec, B.A., State University of Iowa
Delores Barton Revelle, B.S.Ed., Southeast Missouri State College
Larry Joe Reynolds, B.S.Ed., Washington University
Patricia Ann Robinson, B.Mus., St. Louis Institute of Music
Carol Wischmeyer Rucker, B.A., DePauw University
Carol Ann Sachar, B.S.Ed., Northwestern University
Gabriel Harris Scott, B.S., Washington University
Linda Richardson Sendelweck, B.S.Ed., Indiana University
Gecil Toalson Sharp, B.A., Westminster College
Susan Brehm Strachan, B.A., Lawrence College
Robert Elid Tourville, A.B., Wheaton College
Esther Pitts Vasileff, B.Ed., Illinois State Normal University
Charles Fred Warner, B.A., Blackburn College
Margarita Perrier Whitener, B.S.Ed., Washington University
William Russell Whitney III, A.B., Harvard College
Linda Carolyn Williams, A.B., Washington University

IN MUSIC EDUCATION
Marjorie Ann Bandy, A.B., Washington University
Miriam Glee Chapman, B.Mus. cum laude, St. Louis Institute of Music
Ronald Lee Frede, B.M.E., Central Methodist College
William Francis Hulub, B.Mus., St. Louis Institute of Music
Frederick David Lang, G.R.S.M. (Lond.), Royal College of Music
Carl Conway Moman, Jr., A.B., William Jewell College
Yvette Bickham Pierce, B.Mus., Howard University
Robert William Stephans, B.A., Carleton College

IN PHYSICAL EDUCATION
Shirley Kropp Bryan, B.S.Ed., Southeast Missouri State College
Jack Mayo Dymond, A.B., William Jewell College
Thomas Oreon Fassholz, B.A., Concordia Senior College; B.D.,
Concordia Theological Seminary
Char Line Patterson Folk, B.S.Ed., Illinois State Normal University
Ronald Lee Jones, B.S.Ed., Washington University
Michael Steven Kessler, B.S.P.E., The University of Florida
Paul Edward Meyer, B.S.Ed., Southeast Missouri State College
Terry Edward Scott, A.B., William Jewell College
Terry Alan Smith, B.S.Ed., Southern Illinois University
Lee Roy Winn, B.S.Ed., University of Missouri

IN SCIENCE EDUCATION
Karen Lepp Baird, B.A. summa cum laude, Millikin University
Susan Janet Eberhard, B.A., DePauw University
John William Eldridge, B.S.Ed., State University Teachers College
Larry Douglas Horak, B.A., Iowa State Teachers College
James William Hutchinson, A.B., Olivet Nazarene College, A.B.,
Howard Leroy Murphy, B.S. magna cum laude, Morningside College
Gretchen Mary Ries, B.S., Colorado State University
Jerald Luther Sendelweck, B.S.A., Purdue University
Martha Monica Sobral, B.S., Colorado State University
Susan Margarette Stanton, B.A., Agnes Scott College
Edward Louis Stofus, B.S. Milling Ind., Kansas State College
Mary Jane Toth, A.B., College of St. Mary of the Springs
Susan Jane Uptegrove, A.B., Washington University

MASTER OF SCIENCE IN COUNSELING AND PERSONNEL
Candidates—June 4, 1967
Hilda Routhburg Becker, B.S.P.A., Washington University
Sue Ellen Goldman, A.B., University of Miami
Sherri Ann Welsh, A.B., Washington University
MASTER OF SCIENCE IN SPEECH AND HEARING

Candidates—June 4, 1967
Nancy Ann Butridge, B.S., Purdue University
Donald Charles Hood, B.A., Montclair State College
Pamela Joyce Langworthy, A.B., Grinnell College
Lucille Mae McKinney, B.S.Ed., Washington University
Maurice Irwin Mendel, B.A., University of Colorado
Mary Lee Peter, B.A., Marygrove College
Paula Louise Scott, B.A.Ed., University of Wichita
Jill Gendel Stickgold, B.S.Ed., Washington University

Awarded—January 23, 1967
Rachel Ann Zehr, B.A., Goshen College

Awarded—September 2, 1966
Margaret Ann Gossin, B.S.Ed., Washington University

MASTER OF MUSIC

Candidate—June 4, 1967
Roland Paul Kuring, B.S.Ed., Concordia Teacher's College

Awarded—January 23, 1967
Mavis Miller Groves, A.B., William Jewell College
Erven Thake Thoma, A.B., Washington University

Awarded—September 2, 1966
Shirley Meyer Blankenship, B.Mus., University of Illinois

The Following Candidates Will Be Presented By
MERLE KLING, PH.D., DEAN OF THE FACULTY OF ARTS AND SCIENCES

DOCTOR OF EDUCATION

Awarded—September 2, 1966

IN EDUCATION
Elwood Brent Traylor, A.B., Greenville College; M.A.Ed., Washington University
Title of Thesis: Teacher Decision Making: The Influence of Instruction and Set on Attitudes in Reasoning

DOCTOR OF PHILOSOPHY

Candidates—June 4, 1967

IN CHEMICAL ENGINEERING
Harold Hiram Bowerman, Jr., B.S.Ch.E., Washington University
Title of Thesis: Fundamental Studies on the Extrusion of Rigid Polyvinyl Chloride Compounds

IN CHEMISTRY
Jerry Ray Maycock, B.S. cum laude, Morningside College
Title of Thesis: The Acid-Catalyzed Cyclization of Farnesol

IN ECONOMICS
Title of Thesis: Adjustments to Shortage Occupations

IN EDUCATION
Judith Spector Aronson, A.B., Washington University
Title of Thesis: An Analysis of the Educational Equalization Effects of the Missouri Foundation Program in Relation to Fiscal Ability of Districts, Missouri, 1964-65
IN ENGLISH
Jacqueline Stanhope Hoefer, A.B., University of Illinois; A.M., Washington University
Title of Thesis: After *Moby Dick*: A Study of Melville's Later Novels
Theodore Manthey Zorn, B.A., Valparaiso University; A.M., Washington University
Title of Thesis: The Structure of Wordsworth's *Prelude*

IN GERMAN
Rudi Albin Prusok, A.B., Lafayette College; M.S., State University of Iowa; A.M., Washington University
Title of Thesis: The Use of Science and Technology in the Novels of Thomas Mann

IN HISTORY
Leonard Sander Smith, A.B., Augustana College; M.A., State University of Iowa
Title of Thesis: Otto Hintze's Comparative Constitutional History of the West

IN MATHEMATICS
John Henry Hoelsor, B.A., Maryville College; M.A., Vanderbilt University
Title of Thesis: On the FC-Normalizer of a Subgroup and the FC-Norm of a Group
Boo-Sang Lee, B.Sc., Seoul National University; M.A., The University of Kansas
Title of Thesis: On a Characterization of Regularly Branched Three-Sheeted Covering Riemann Surfaces and the Existence of Analytic Mappings Among Them

IN MUSIC
Wesley Marvin Vos, B.A., Central College; A.M., Washington University
Title of Thesis: English Dramatic Recitative Before ca. 1685

IN PHYSICS
David Dee Borlin, A.B., Illinois College
Title of Thesis: (He\(^3\),a) Reactions on Intermediate Mass Nuclei
Richard Bert Ferguson, B.A. *cum laude*, Amherst College
Title of Thesis: Hypersonic Attenuation in Superconducting Mercury
Stephen Peter Gary, B.S.Phys., Case Institute of Technology; A.M., Washington University
Title of Thesis: Third Order Oscillations in a Maxwellian Plasma
William Cobbe Mitchell, A.B., Oberlin College
Title of Thesis: Statistical Mechanics of Thermally Driven Systems
Title of Thesis: Nuclear Relaxation Time of F\(^{19}\) in LaF\(_3\)

IN PHYSIOLOGY AND BIOPHYSICS
Gerald Richard Little, B.S.E.E., Washington University; M.S.E.E., California Institute of Technology
Title of Thesis: Calcium Exchange and Contraction Strength of Guinea Pig Atrium in Normal and Hypertonic Media

IN POLITICAL SCIENCE
Roger Wayne Benjamin, B.A., Michigan State University
Title of Thesis: Military Influence in Foreign Policy-Making

IN PSYCHOLOGY
Henry Charles Benedict, A.B. *cum laude*, University of Southern California; M.A., University of California at Los Angeles
Title of Thesis: The Effect of Cognitive Dissonance on the Performance of Three Simple Learning Tasks
Marguerite Gloria Craft, B.S., Northwestern University; M.A., ibid.
Title of Thesis: Relative and Absolute Size Discrimination and Presolution Behavior in Human Infants
Edward Vincent Hackett, B.S., Saint Louis University; M.S., ibid.
Title of Thesis: The Prediction of Gains in Technical Training from Learning Test Performance
Romualdas Kriauciunas, B.A., Roosevelt University; M.A., ibid.
Title of Thesis: The Relationship of Age and Retention-Interval Activity in Short-Term Memory
Robert Bruce Lamb, B.A., Antioch College
Title of Thesis: Expectation and Achievement Motivation as Determinants of Performance
Frederick Allen Shectman, A.B., Washington University
Title of Thesis: Time Estimation as a Function of Motivating Conditions
Walter McCaslan Vernon, B.A.Ed., University of New Mexico; M.A. Psych., University of South Carolina
Title of Thesis: Classical Conditioning of Pain-elicited Fighting
IN SOCIOLOGY
Bruce Albert Chadwick, A.B. *cum laude*, Washington University; A.M., ibid.
Title of Thesis: Aggressive Exchanges in a Social Situation: Antecedent and Maintaining Conditions
Stanley Michael Davis, A.B. *cum laude*, Brandeis University; A.M., Washington University
Title of Thesis: Social Change in Mexican Enterprise: With Special Reference to Family Firms
John Timothy Sprehe, A.B. *cum laude*, Saint Louis University; Ph.L., ibid., A.M., Washington University
Title of Thesis: The Climate of Opinion in Sociology: A Study of the Professional Value and Belief Systems of Sociologists
William Layton Yancey, B.S., The Florida State University; A.M., Washington University
Title of Thesis: Intervention Research: A Strategy of Social Inquiry
Awarded—January 29, 1967
IN BIOLOGY
Marilynn Edith Etzler, B.A., Otterbein College; B.S., ibid.
Title of Thesis: An Immunological Investigation of Alkaline Phosphatases in the Developing Mouse Intestine
Geneva Hyland Williams, A.B., University of Missouri; M.A.Tch., Vanderbilt University
IN MUSIC
Title of Thesis: William Crotch and His Vocal Works
IN PHYSICS
Deok Kyo Lee, B.Sc., Seoul National University; A.M., Washington University
Title of Thesis: Problems in the Quantum Theory of Many-Particle Boson Systems
IN PSYCHOLOGY
Title of Thesis: Therapist Position Report in Psychodrama as a Function of Frame of Reference and Behavioral Stance
Kenneth Martin Kleinman, A.B., Grinnell College; A.M., Washington University
Title of Thesis: The Role of Task Complexity in the Demonstration of the Relationship Between Peripheral Physiological Measures and Performance
Aharon Kuperman, B.S.I.E., Illinois Institute of Technology; M.S.Psy., ibid.
Title of Thesis: Relations Between Differential Constraints, Affect and the Origin Pawn Variable
Nancy Groves Manning, A.B., Washington University; A.M., ibid.
Title of Thesis: Peer Group and Parental Indentification in Delinquent Boys
Norman Jay Matulef, B.S.Com., The State University of Iowa; M.S., ibid.
Title of Thesis: Future Time Perspective and Personality Characteristics of Male Adolescent Delinquents and Non-Delinquents
Angelo Alfonso Menotti, A.B., Washington University
Title of Thesis: Aging, Illness, and Disengagement: Are They Similar?
Ronald William Oppenheim, B.A., Drake University
Title of Thesis: Color Preferences in the Pecking Response of Newly Hatched-Ducks (*Anas platyrhynchos*)
Jon Michael Plapp, B.A., University of Melbourne
Title of Thesis: Hypnosis, Conditioning, and Physiological Responses
Patricia Grosh Zwillinger, B.A., Wellesley College
Title of Thesis: The Communality Problem in Factor Analysis and its Application to Psychological Data
IN SOCIOLOGY
Neil Hamilton Cheek, Jr., B.A. *cum laude*, University of Minnesota; A.M., Washington University
Title of Thesis: Functional Integration of Psychiatric Units in General Hospitals: A Study in the Sociology of Complex Organizations
Mary Catherine Sengstock, Ph.B., University of Detroit; A.M., University of Michigan
Title of Thesis: Maintenance of Social Interaction Patterns in an Ethnic Group
Awarded—September 2, 1966

IN CHEMISTRY
Larry Clyde Brown, B.S., San Diego State College
Title of Thesis: The Chemical Behavior of $^{121}\text{Sn}$, $^{123}\text{Sn}$, $^{127}\text{Sn}$ and $^{128}\text{Sn}$ Formed by the Thermal-Neutron Fission of $^{235}\text{U}$
Bruce Robert Erdal, B.S., University of New Mexico
Title of Thesis: Nuclear-Charge and Mass Distribution in Fission: Yields and Genetic Histories of $^{121}\text{Sn}$, $^{123}\text{Sn}$, and $^{128}\text{Sn}$ from Thermal-Neutron Fission of $^{235}\text{U}$
Robert Wright Jordan, A.B., Washington University
Title of Thesis: The Reduction and Alkylation of Aromatic Hydrocarbon Anion

IN EDUCATION
Eugene Howard Jabker, A.B. Ed., Harris Teachers College; M.A.Ed., Washington University
Title of Thesis: Extra-Task Determinants of Classroom Management Effectiveness: An Experimental Investigation

IN ENGLISH
Helen Wollack Power, A.B., The University of Chicago; A.M., Washington University
Title of Thesis: The Speaker in the Secular Poetry of John Donne

IN MATHEMATICS
Kenneth Irwin Gross, A.B., Brandeis University; A.M., ibid.
Title of Thesis: The Application of Co-Topology to Minimal Topological Spaces

IN MUSIC
Carl Bayard Staplin, B.Mus., Syracuse University; M.Mus., Yale University
Title of Thesis: Stylistic Changes in the Chorale Preludes of J. S. Bach
Jacob David Wagner, B.A., Elmhurst College; S.M.M., Union Theological Seminary; B.D., Eden Theological Seminary
Title of Thesis: The Keyboard Works of Antonio Caldara

IN PHYSICS
James Edward Opfer, B.S.E.E., Valparaiso University
Title of Thesis: Nuclear Magnetic Susceptibility and Spin Diffusion in Dilute Systems of the He$^3$ Atoms

IN POLITICAL SCIENCE
Bryan Trevor Downes, B.S., University of Oregon; M.S., ibid.
Title of Thesis: Suburban Differentiation and Municipal Policy Choices: A Comparative Analysis of Suburban Political Systems

IN PSYCHOLOGY
Patricia Everett Brilliant, A.B., Washington University; A.M., ibid.
Title of Thesis: Differences in Stimulus Generalization as a Function of Anxiety Level-Ego Strength, Sex, and Time of Testing
Thomas Cavanaugh Douthitt, B.A., Evansville College
Title of Thesis: A Behavioral and Electroencephalographic Study of Activated Sleep in the Rat
Frank Douglas Gajo, B.S., Washington University; A.M., ibid.
Title of Thesis: Adult Age Differences in the Perception of Visual Illusions
Robert Eugene Lamp, B.A. cum laude, Hamline University
Title of Thesis: The Effects of Maternal Anxiety on the Subsequent Emotional and Learning Behavior of the Offspring
David Jerome Ludwig, B.A., Concordia Senior College; B.D., Concordia Theological Seminary; A.M., Washington University
Title of Thesis: Levels of Behavior in Reaction to Frustration as Related to the Self-Concept, with Special Reference to the Rosenzweig F-Battery
Neil Alan Massoth, A.B., Rutgers, The State University
Title of Thesis: The Relationship of Psychological Differentiation to Stimulus Generalization in Two Modalities
Herbert Keith Rodewald, A.B., Washington University; A.M., ibid.
Title of Thesis: Effects of Learning on Thresholds
Martha Ann Storandt, A.B., Washington University
Title of Thesis: Age, Training, and Stimulus Characteristics in Recognition Across Visual Fields
James Lester Wardrop, A.B., Washington University
Title of Thesis: Programmed Instruction and Ability to Learn

IN ROMANCE LANGUAGES
Betty Tyree Osiek, A.B., Lindenwood College; A.M., Washington University
Title of Thesis: A Stylistic Study of the Poetry of José Asunción Silva

IN SOCIOLOGY-ANTHROPOLOGY
Thomas J Maloney, B.S.Ch.E., Northeastern University; S.T.B., Harvard Divinity School; A.M., Washington University
Title of Thesis: Cattle Ranching as a Cultural Ecology Problem in San Miguel County, New Mexico

COMMISSIONS IN THE DEPARTMENT OF DEFENSE
The Following Candidates Will Be Presented By COLONEL WILLIAM DARREL CAVNESS, B.S., United States Army, Professor of Military Science

UNITED STATES ARMY
Issued by the Secretary of the Army
SECOND LIEUTENANT, ARMY RESERVE
*Kenneth Herbert Bohlmann
*David Harrison King
*George Lawrence Lamborn
*Richard Michael Swier
Gene Lawrence Rovak

The Following Candidates Will Be Presented By LIEUTENANT COLONEL DONALD B. RUGE, M.B.A., United States Air Force, Professor of Air Force Aerospace Studies

UNITED STATES AIR FORCE
Issued by the Secretary of the Air Force
SECOND LIEUTENANT, AIR FORCE RESERVE
**Charles Gordon Jones
John Bonner Murphy
Dean Robert Phillips
Gary Phillip Studt
**Raymond Charles Zimmermann

*Distinguished Military Graduate
**Distinguished Air Force ROTC Graduate
PRIZES, AWARDS AND HONORS
AND THE GRADUATE SCHOOL OF ARTS AND SCIENCES

THE COLLEGE OF ARTS AND SCIENCES
Antoinette F. Dames Awards in Political Science, Kenneth Francis Cook, Ronald Jay Gilson, Mary Elizabeth Lee, Bruce Harold Roswick, Wayne Carr Willis
F. Ward Denny Prize in English, Nancy Erlich
J. Walter Goldstein Prize in History, Katherine Russell Brown, Michael Stephen Sherry
Roger Conant Hatch Prize in English, Jay Leon Zelenka
Wilma Koetter Memorial Prizes in Education
Hils Knight Hampton (Elementary Education)
Katherine Amanda Van Wessem (Secondary Education)
Arnold J. Lien Prize in Political Science, Wayne Carr Willis
Norton Lowry Memorial Poetry Prize in English, Pamela Gay White
Ernest J. Otie Award in Earth Sciences, Anna Katherine Behrensmeier
John C. Sowden Memorial Prize in Chemistry, Fred Abraham Bloom
Shirley McDonald Wallace Prize in History, Kenneth Hazen Eardley
Louis G. Zelson Prize in Spanish, Edward Lehr Cornbleet

THE SCHOOL OF ENGINEERING AND APPLIED SCIENCE
Applied Mathematics and Computer Science Departmental Award, Robert Joseph Sheraga
Ade H. Winheim American Chemical Society Award, David Winston Caldwell
American Institute of Chemical Engineers Award, Don Louis Holt
American Society of Civil Engineers Award, Russell Hays Matson III
E. O. Sweetser Award, John Leonard Stein
Laclede Steel Award, Michael Dean Hubbard
Century Electric Award, James Joseph Hager
Emerson Electric Award, Leonard Robert Missler
Institute of Electrical and Electronics Engineers Award, Ernest Alan Demba
Institute of Electrical and Electronics Engineers Student Paper Contest, Ernest Alan Demba and Gerald Randolph Kane
American Society of Heating Refrigeration and Air-Conditioning Engineers Award, Harold Lesher Studt
American Society of Mechanical Engineers Award, Harold Lesher Studt
Pi Tau Sigma Award, James Michael Dunstan
American Society of Mechanical Engineers Regional Student Paper Contest, Harold Lesher Studt
Antoinette F. Dames Award for Productive Scholarship, Harold Lesher Studt
Joe B. Butler Memorial Award of the Missouri Society of Professional Engineers for an Outstanding Junior, Ian Dennis Rapport
Hamilton Watch Award, William Louis Fleischner
Missouri Society of Professional Engineers St. Louis Section Scholarship Award, Tom Graham Kallenberg

Final Honors
Soner Akgun
Robert Ellis Goldwasser
Walter Lim Leong

THE SCHOOL OF ARCHITECTURE
Alpha Rho Chi Medal, Robert Eugene Reeves
American Institute of Architects Book Award, Robert Lloyd Boland
American Institute of Architects Medal, James Lippincott Wick III
Producers' Council Award, Charles Otto Ubben
Frederick Widmann Prize in Architecture, John Andrew Kreishman

Final Honors
Irving Mauer Funk
Barry Richard Habib
Karen Lorraine Kemper

THE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION
Alpha Kappa Psi Award, Harold Lee Flowers, Jr.
American Marketing Association Award, Kenneth Edward Siemsen
American Society of Women Accountants Award, Lynn Heather Feinzimer
Sidney S. Cohen Prize, William Richard Hauk
Haskins & Sells Award, Raymond Charles Zimmermann
William S. Krebs Accounting Club Prize, Harvey Gerald Jay Gitel
William S. Krebs Scholarship, Ronald Neil Heftman
Isidor Loeb Prize, Gordon Lee Ankney
Missouri Society of Certified Public Accountants Award, Charles August Fischer
Wall Street Journal Award, Bruce V Carp

Final Honors
Charles Gemmell Arthur III
Bruce V Carp
Charles August Fischer
UNIVERSITY COLLEGE

Final Honors

Robert Lee Rettke
Charles Clark Richmond
Mary Louise Sale
Kenneth James Sliment
James Euclid Stewart
Warren H Stockhecker
John R Voris
Martin Andrew Wyka

THE SCHOOL OF FINE ARTS

Caroline Risque Prize in Sculpture, Connie Kaye Utterback
Waldo P. Johnson Memorial Award in Book Design, Elizabeth Jeanne Rohne
Lillie Elise Willemsen Prize, Arlene Rita Olson

THE GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK

Final Honors

Emily Hunter Ruppert
Eliza Giselle Stabbert
Lyle Lobel Warner

THE SCHOOL OF LAW

Andrew Franc Greensfelder
John Philip Polster
John Arnold Schneider

THE SCHOOL OF DENTISTRY

Cedric Philippe Cedric Haddad
Douglas Norman Logan
Michael Matlof

THE SCHOOL OF MEDICINE

Michael Bernard Jacobs
Douglas Wayne Alvord

THE SCHOOL OF NURSING

Virginia Mae Luetje
Doris Jane Taterka
HONORARY DEGREES

DOCTOR OF HUMANE LETTERS

Myron Pifer Gilmore, Director of Villa I Tatti, Center for Italian Renaissance Studies, Florence, Italy, since 1964; instructor in history, 1937-42; associate professor, 1942-54; and professor, 1954 to present; author—Argumen from Roman Law in Political Thought 1200-1600, 1941; The World of Humanism, 1955; Six Studies in the Renaissance, 1963; member, the American Academy of Arts and Sciences, American Historical Association, Medieval Academy of America, Renaissance Society of America, American Society for Reformation Research, Colonial Society of Massachusetts, and Massachusetts Historical Society.

DOCTOR OF HUMANITIES

Etta Eiseeman (Mrs. Mark C.) Steinberg, philanthropist, civic leader and patron of the arts. She is a graduate of Mary Institute. She was named one of the ten Women of Achievement in 1967 in the field of philanthropy. Through her administration of the Steinberg Charitable Trust, established under the will of the late Mr. Steinberg, the Steinberg name has become familiar and cherished to St. Louisans. Gifts of the trust include: Mark Steinberg Hospital at Jewish Hospital, 1958; Steinberg Memorial Skating Rink in Forest Park, 1957; Steinberg Hall of Art and Archaeology at Washington University, 1967. She is a nationally recognized patron and collector of the arts and has given generously to the St. Louis City Art Museum, which she serves as a member of its Board of Control.

DOCTOR OF LAWS

Sol Myron Linowitz, United States Ambassador to the Organization of American States; member of the New York State Bar from 1938; assistant general counsel for Office of Price Administration, 1942-44; partner in firm of Sutherland, Linowitz and William, 1946-58; partner in firm of Harris, Beach, Keating, Wilcox, Dale and Linowitz, 1958-66; former chairman of the board, chairman of the executive committee, and president, East and Xerox Corporation; member of the board of the John F. Kennedy Center for Performing Arts; member of the board of Cornell University; member of the board of Hamilton College; member of the board of the Institute for International Education; member of the board of the Steinberg Charitable Trust; member of the board of the American Jewish Committee; trustee and member of the executive committee of the University of Rochester; member of the board of managers of the Eastman School of Music.

DOCTOR OF LETTERS

James Albert Michener, educator and author; Pulitzer Prize-winner for fiction, 1947, for his Tales of the South Pacific; his other works include: Return to Paradise; The Bridges at Toko-ri; Sayonara; The Bridge at Andau; Hawaii; Report of the County Chairmen; Carvings; and The Source; research study at: University of Pennsylvania, University of Virginia, Ohio State University, Harvard University, University of St. Andrews (Scotland), University of Siena (Italy), and British Museum on Lippincott Traveling Fellowship.

Marianne Craig Moore, St. Louis-born poet and educator; awarded: Dial Award, 1934; Helen Haire Levinson Prize, 1933; Ernest Hartsook Memorial Prize, 1935; Shelley Memorial Award, 1940; Contemporary Poetry's Patron's Prize, 1944; Harriet Monroe Poetry Award, 1944; Guggenheim Memorial Fellowship, 1945; National Institute of Arts and Letters Award, 1946; Bollingen Prize, poetry, Yale University Library, 1961; National Book Award, 1961; M. Carey Thomas Award, 1958; National Institute of Arts and Letters gold medal in poetry, 1958, Gold Medal of the Poetry Society of America, 1960; award for poetry from Brandeis University, 1966; and Fellowship in the Academy of American Poets, 1966.

DOCTOR OF MUSIC


DOCTOR OF SCIENCE

Warren Henry Cole, professor of surgery and head emeritus of the department, University of Illinois College of Medicine, Chicago, where he has been on the faculty since 1956; member of the department of surgery at Washington University School of Medicine, St. Louis, for the past 25 years; Dr. Evarts Graham and Dr. Glover Copher Professor of Surgery; was co-winner of the Leonard Research Prize of the American Roentgen Ray Society; past president of the American Cancer Society and recipient of the Rosewell Park Medal; past president of the American College of Surgeons and of the American Surgical Association; and Honorary Fellow of the Royal College of Surgeons.
EMERITUS LIST
1967

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, have 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 1966-67.

Erich Paul Hofacker
Professor of German
At Washington University since 1929

Winifred Katherine Magdsick
Professor of Psychology
At Washington University since 1935

George Emmanuel Mylonas
Rosa May Distinguished University Professor in the Humanities
At Washington University since 1933

Mildred Trotter
Professor of Anatomy
At Washington University since 1922