104th COMMENCEMENT

WASHINGTON UNIVERSITY

NINE-THIRTY O'CLOCK, MONDAY MORNING, JUNE THE SEVENTH, 1965
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.

A Note on Academic Dress

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

- White—Arts, Letters, Humanities
- Orange—Engineering
- Lilac—Dentistry
- Drab—Business
- Dark Blue—Philosophy
- Brown—Fine Arts, Architecture, Interior Design

- Golden Yellow—Science
- Purple—Law
- Green—Medicine
- Pink—Music
- Citron—Social Work
- Light Blue—Education

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

Academic dress markedly different from the above description indicates a degree from a foreign university.
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 MONSIGNOR GERARD N. GLYNN
Director of the St. Louis Intercollegiate Newman Foundation
and Director of Newman Chapel at Washington University

Announcements

JAMES SMITH McDoNNELL
Chairman of the Board of Directors

Address

SISTER FRANCETTA BARBERIS, S.L.
President Emeritus of Webster College

Conferring of Degrees
Presentation of Commissions

THOMAS HOPKINSON ELIOT
Chancellor of the University

The Alma Mater

Benediction

THE VERY REVEREND MONSIGNOR GERARD N. GLYNN

Recessional

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

The audience will please remain seated while the academic procession enters the Auditorium. At the conclusion of the ceremonies, the audience will remain seated until the procession has left the Auditorium.
THE COLLEGE OF LIBERAL ARTS

The Following Candidates Will Be Presented By
DANA OLAF JENSEN, A.M., Associate Dean

BACHELOR OF ARTS

Candidates—June 7, 1965

Judith Traub Abelson
Fredric Louis Abrams
Terry Marie Adler
Ronald Godshall Alderfer, cum laude
William James Alexander II
Annie Laurie Atthen
Robert Jay Andrew
Stephen Wolf Arky
Anita Joy Artstein
Carol Hans Aucamp, cum laude
Elaine Ruth Augustine
Stephan Floyd Barac
Chahille Gail Bartley
Willie B. Batchelder
Carolyn Anne Baum
William Beckmann III
Robert Sanford Bernstein
Evan Carol Bidnick
Barbara Elaine Bindler
Audrey Phyllis Bino
Verona Ruth Blackmore
Joyce Susan Blotkey
Edith Bean Bogusky
Ann Carol Breslau
Carolyn Sue Brinnon
David Eugene Bruns
Peter Bernhard Bucholtz
Kay Anna Bulbrook
Barbara Lynn Burke
Diane Merle Bush
Calvin Peter Calvin
Harry Theodore Carpenter, cum laude
Virginia Lee Carroll
Richard Charles Cohen
Carol Anne Coleman
Michael Keith Collins
Sidney Katherine Colton
Marne Martha Connell
Douglas Cross Conrad
Milena Ella Covo, cum laude
Peter Dick II
Diana Lucile Dodds
Craig Kern Donis
Mary Stark Donnell
Dana Ruth Dorrance
Kenneth Charles Dreitlein
Richard Burk Drescher
William Harry Drewees
John Paul Dubinsky, cum laude
Susanne Lee Earhart
Dorothea Leonore Eckoldt
Nelda Harriet Ellerman
Susan Jean Ellis
Janice Etzkowitz
Goldie Everts
Paul Ray Faris
Alexander Stephen Thz Po Farm
Wilie Eile Fayollet
Robert Allan Feder
Darleen Patricia Feinstein, cum laude
Susanne Ruth Ferris, summa cum laude
Byron Gene Fiman, cum laude
Daniel Ben Shmuel Ben Ari Firestone
William Lynn Foreman, cum laude
Marcie Jo Fox
Jerrold Bruce Franzel
Marsha Zoe Gale
Phyllis Helen Gaul
John Michael Giger
John Lamb Gillis, Jr.
Joan Fener Goltzman
Carol Kay Gomien

Alan Lawrence Gordon
Jerold William Gormley
Lawrence James Gottesmann
Rita Karfield Gram
Bruce Haven Hahn
Gail Kay Haines
David Carl Halbe
Elizabeth Ann Hall
Rosemary Hamilton
Virginia D'Arcy Harris
Tyler Evelyn Hauk
Doris Jean Haupt
Judith Elizabeth Hays
Barbara Lee Hemm
Ronald Wayne Hendrix
Carolyn Ann Henson
Maria Nikki Hilakos
Elizabeth Ann Hiliker
Donna Lee Hoefer
Ruth Anne Hogue
Richard Sylvan Horwitz
Carol Ann Hrivnak
Doris Graham Hughes
Joan Spitzer Hurwitz
Janice Marie Hutto
Louis Henry Irgit III
Janie Loriel Johnson
Sally Ann Jones, cum laude
Barbara Rae Kander
Nancy Christina Kaprielian
John Thomas Karpel
Erich Raek Kaskowitz
Miriam Ruth Kay
Kenneth Wayne Keller, summa cum laude
Patricia Jane Keller
Anne Peyton Kenamore
Martha Elizabeth Kerr
Richard Yutaka Kimura
Virginia Anne Kindler
Sandra Joan Kintz
Jeannie Rae Kirchofer
Philip Michael Klasskin
Barbara Wright Kooker
David Pearl Kowitc
Ellen Mara Kramer
Virginia Corbett Kroger
Joseph John Kurtz
Ira Norman Kushnir
John Barrett Laadt
Mary Anne Lacks
Alice Louise Lagod
Leslie Ann Lambert
Margaret Belle Lance
Linda Fair Lange
Constance Nahm Lapidus
John Wilbur Lawless
Betty Lou Levey
Emmanuel Theodore Lewis, Jr.
Joyce Ann Lewis
Susan Elizabeth Lewis
William Michael Lindhorst
Robert Dean Lins
Carla Susanne Lipson
John Roy Logan
Margaret Caroline Logan
Frances Rae Lustgarten
Marcia Karen Lyss
Charles Irwin Mannis
Barbara Barr Maris
Harriet Elaine Marks
Mary Susan Marsalek
Jerry Robert Martin

Charlotte Mary Mastin
Joy Marie McAlister
Morris Ann Mc Bride
Henry Dixon McCall
Charlotte Jane McDaniel
Michael William McGe
Tom Reed McMillan
Dannie Dale McMillan
David Lawrence Mednik
Edward Benjamin Mehman
John Louis Mednitz
Martina Mesmer
Fameila Ann Miller
Sandra Lee Miller
Myra Toby Misller
Thomas Clark Mitze
Glenn Michael Moreton
Susan Mote
Arthur Robert Newman
Roger Satori Nishimura, Jr.
Jean Carol Nissen
Kathleen Frank Ochs
Kenneth Elwood Osbourn
Peter Martin Oxore
Edson Maximil Outwin
Michael Paul Pacin, magna cum laude
Nancy Jane Petersing
Karen Fine Phillips
Andrew Trice Pickens
Penny Lee Prada
Jane Evelyn Quitzow
Manfred Theodor Reetz
Jeffrey Michael Rehm
Stephen Paul Richman
John William Richman II
Walter Elkan Ries
Phyllis Ann Roettger
Karen Fine Phillips
Andrew Trice Pickens
Brenda Lee Rosen
Lee Inez Rosen
Jane Shapiro Rosenbaum
Susan Deborah Rosenfeld
Betty Anne Rosenthal
Julie Maya Rosenweig
Elizabeth Ann Rotenberg
Richard Eisenman Rothschild
Kenneth Stefan Rotskoff
Robert Arthur Rowe
Judith Diane Rowen
Phyllis Beth Rubin
Terence Lee Russell, cum laude
Michael David Schwartz
Sunny Acef Sella
Janet Elaine Sellers
Bette Susan Shafeld
Ira Howard Sharp
Toby Ruth Shaw
Joyce Ann Shectman
Ann Carol Shlepak
Joanne Leslie Schwartz
Terry David Schwartz
Janice Elizabeth Searles
Sunny Acef Sella
Janet Elaine Sellers
Bette Susan Shafeld
Ira Howard Sharp
Toby Ruth Shaw
Joyce Ann Shectman
Michael Spencer Shepard
Robert Frank Sherman
Irene Lehrman Shleis
Maurice Norden Shribler
Leonard Allen Shulman
Marilyn Joy Siegel
John Adam Siegfried
David Richard Sigman
Joel Jeremy Silverman
Elliott Martin Simon
Nancy Ann Simons
Glen Wallace Singer
Arthur Joseph Smith
Barbara Lee Smith
Karen Sylvia Smith
Robert Shepherd Smith
Joyce Lee Shell
Ronald Mark Sokol
Helene Beverly Spector
Joyce Ann Spring
Lynn Elise Springer
Irma Dean Steinman
Gary Dean Stelling
Elizabeth Ann Sternberg
Sheila Diane Stroup
George Gregory Super, cum laude
Sharon Joan Sutton
Joseph Robert Swartz, Jr., cum laude

Joan Tatelbaum
John Ansel Taylor, magna cum laude
William Daniel Tedrick
Janell Jackson Tessaro
Deborah Ann Thaller
Richard Michael Thaller
Robert Henry Thompson III
Wilbert Edward Toole
Tommy Neil Tucker, magna cum laude
Marjory Blair Turen
Barbara Sue Turk
Dale Patricia Ukman
Susan Jane Uptegrove
Ben Stephan Urban
William Frederick Velick
Suzanne High Vinson
George William Vires
Sharon Kay Wahrenburg
Barbara Jane Walkenhorst
Roy Frederick Walkenhorst

Awarded January 29, 1965

Douglas Leigh Biggert
Ann West Biggs, magna cum laude
Merle Ann Brandzel
Shelia Eileen Cohen
Susan Soffer Cohn
Patricia Mae Corder
Roslyn Sue Dubinsky
Dorothy Ellen Elliott
Sharon Lynn Fishel
William Solomon Frago
Brian Rodgers Furness
Robert Dorn Gatewood
Richard Hearne Harmon
Evelyn Judith Heins
Robert Gene Hershenhorn
Joyce Anita Holtman
Michael Bernard Jacobs

Ruth Kramer
Christopher Stebbins Lee
Jean Ellen Lewis
Mary Lynda Livingston, cum laude
Robert Bartlett Logan
Stephanie Larie
Cornelius Wallace May
Judith Ann Mazur
Maureen McGinty
John Philip Miller
Bruce Eardley Mitchell
Ruth Naomi Mueller
Marguerita Marianthi Nanos
Stefan Gared Offenbach
Marilyn Bialock Oglander
William Adams Ohle
Juliet Pleune

Awarded August 28, 1964

Stephen Farrell Albert
Diana Louise Backer, cum laude
Billy Gene Been
Anne Beident
Milton Sanford Bleiweiss
Ann Hill Boyer
John Allan Caspari
Raymond Anthony Cerskus
Linda Kay Chrisco
Walter Thomas Collins
Anne Louise Cooper
Iris Lynn DeWsokin
John Henry Dowell
Carol Eileen Dunn
Bonita Lynn Friedberg
Lois May Friedlander
Buffy Green Gillespie
John Harris Goeb
Mary Charnian Green
Jane Kellogg Greene
Vicki Lee Gropper
Sharon Sue Hanes

Linda Beth Heilman
Ronald Joel Hoffman
Nancy Hollenback
Peggy Louise Huesch
Thomas Lee Jackson
Richard Paul Jensen
Jeneane Baab Johannsmeier
Dixie Dan Johnson
Sally Kern Johnson
Bonnie Jones
Leon Antonio Jones
Melvyn Walter Jones
Jane Ellen Kistenmacher
Elizabeth Ann Koenidienst
Moshe Zvi Luzman
Stephen Bruce Marcus
Frances Anne McDonnell
Carol Phyllis Nie
Norman Hugh Nie
John Charles Ochsner
Vicki Yvette Renisch
Peter Richman
Madeline Ann Robin

Awarded August 28, 1964

Robert Arthur Rosenthal
Ronald Gene Schenberg
Richard Conrad Schmidt, cum laude
Stephen Irving Max Schwab
Anne Shatzman Shapiro
Warren Jay Siegel
Emily Louise Smith
Roger Kramer Sparks
Robert Wayne Sullivan
Margaret Anne Swinney
Pamela Lewis Tremayne
Ann Lyne Tullman
Virginia Utermohlen
John Harrison Wedig III
Harry Xavier Edward Wehrle
James Cameron Wellman
Alice Louise Wetzal
Helen Claire Wilson, magna cum laude
Howard Miles Wood
Suzanne Farnum Wright
Richard Mark Zuckerman
BACHELOR OF SCIENCE IN EDUCATION
Candidates—June 7, 1965

Judith Adams Hafner

Georgene Stone Hesse

Awarded January 29, 1965

Max Sheldon Shapiro

John Michael Winecoff

Awarded August 28, 1964

James Donald Cheves

BACHELOR OF MUSIC
Candidates—June 7, 1965

Leah Karol Littlefield, cum laude

Darrell Eugene Urban
THE SCHOOL OF ENGINEERING

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

BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

Candidate—June 7, 1965
Clay Blevins Yoe III

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Candidates—June 7, 1965
Melvin Ray Bagley
Ronald Alan Cordes
Richard Roderic Ashby

Awarded January 29, 1965
Harry Richard Gleditsch

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Candidates—June 7, 1965
Monroe Frank Brewer
Thomas Patrick Dunne
Joseph Peter Huber, Jr.
Walter Henry Franke

Awarded January 29, 1965
Robert Joseph Manfrede

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Candidates—June 7, 1965
James Basarich
David Francis Reason
Philip Stanley Berger
James Thomas Bialson
Richard Carl Budde
Wayne Allen Chisenhall
Nicholas Anthony Dalba
Joseph William Fahlery
William Henry Gabris
Robert Leeman Grant
Lynn Joseph Burgess
Marlin Lee Funk

Awarded January 29, 1965
Oliver Perry Sheeks
Najib Nayef Yamini

BACHELOR OF SCIENCE IN ENGINEERING SCIENCE

Candidates—June 7, 1965
Lester Brooks Bell
Robert John Benson
Robert Irwin Berns
Brian Clyde Cunningham
Carl Joseph Fust
David Lee LaCombe
Robert James Landy
Francis John Hummel, Jr.
Raymond Edward Adams

Awarded August 28, 1964
William Henry Wisbrock

Awarded January 29, 1965
William Edward Roch, Jr.
Charles George Schaeffer
Robert B Schainker
Roy L Schultz
Richard Macey Simon
Helen Constantinos Softis
John Alan Sowell

Awarded January 29, 1965
Kenneth Earl Steube

Suphot Wanglee
John Francis Kelihcr
Robert Edward Wagoner

Suphot Wanglee
Daniel Edward Woods, Jr.

Suphot Wanglee
Leo Edward Wagoner
BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING
Candidate—June 7, 1965
Gary Lee Mitchell

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING
Candidates—June 7, 1965
Gerald Thomas Price
Harry Shannon Lansing
Awarded August 28, 1964
Charles Lewis Ray
Edward Anthony St. Aubyn

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
Candidates—June 7, 1965
Terry Dennis Allen
Robert Warren Andersohn
John Stephen Banjak
Michael Langdon Carton
John Edwin Dunstan
Harvey Charles Manhal
Charles George Petit, Jr.
Awarded January 29, 1965
Rudolf Robert Schoen
David Russell Smith
Mustapha Hassan Sultani

Robert Arthur Banashek
Louis Sylvain Houle, Jr.
Awarded August 28, 1964
Charles Raymond Meyers

Enno Rikand
Awarded August 28, 1964
Melvin S Schneider

BACHELOR OF SCIENCE IN PHYSICS
Candidates—June 7, 1965
Clarence Patrick Ervin
Awarded August 28, 1964
Peter Leonard Lagus

Karl Frederick Pleger
THE HENRY EDWIN SEVER INSTITUTE OF TECHNOLOGY

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

MASTER OF SCIENCE

Candidates—June 7, 1965

IN APPLIED MATHEMATICS AND COMPUTER SCIENCES
Daniel David Withers, B.S., United States Merchant Marine Academy

IN APPLIED MECHANICS
Sergio Peter Cruz, B.A.E., New York University
Thomas Frank Hoekel, B.S.M.E., Washington University

IN CHEMICAL ENGINEERING
Robert Milton Fabian, B.S.Ch.E., Washington University
Harold Newton Hicks, Jr., B.S.Ch.E., University of Kentucky

IN CIVIL ENGINEERING
Henry George Lembeck, Jr., B.S.C.E., Washington University

IN ELECTRICAL ENGINEERING
Stuart Beryl Boxerman, B.S.E.E., Washington University
Raymond Eugene Brown, B.S.E.E., Washington University
Richard Francis Peer, B.S.E.E., Washington University

IN ENVIRONMENTAL AND SANITARY ENGINEERING
David Lee Brooman, B.S.C.E., Washington University
James Bernard Coyne, B.S.C.E., University of Notre Dame
Robert Scott Flick, B.S.Geol.E., Saint Louis University; B.S.C.E., ibid.
Theodore Popowchak, B.S.C.E., Washington University
Terry Lee Stumph, B.S.C.E., Vanderbilt University

IN INDUSTRIAL ENGINEERING
Louis Edward Freund, B.S.I.E., Washington University
Prem Gupta, B.Sc.Engr.(Mech.), Thapar College of Engineering
John Norman Noettl, B.S.I.E., Washington University

IN MECHANICAL ENGINEERING
William Arthur Messner, B.S.M.E., Washington University
James Irvin Metzger, Jr., B.S.M.E., The University of Kansas
Herbert Hans Ringelstein, Ingenieur, Staatliche Ingenieurschule
Hershel Sams, B.S., University of Illinois
Arthur Elbert Sidner, B.S.M.E., Washington University

IN METALLURGICAL ENGINEERING
Alan Ray Brown, B.S.M.E., Washington University; B.S.E.E., ibid.
Russell William Kirchner, B.S.M.E., West Virginia University

IN SYSTEMS AND AUTOMATIC CONTROL
William Frank Lins, B.S.E.E., Washington University
David Martin Ostfeld, A.B., Washington University; B.S.Engr.Sci., ibid.
Charles Henry Riechmann, Jr., B.S.E.E., Saint Louis University

Awarded January 29, 1965

IN APPLIED MATHEMATICS AND COMPUTER SCIENCES
Haruo Hasegawa, B.S., Waseda University
Richard Michel Hesse, Jr., B.S.Engr.Sci., Washington University
Armond David Inselberg, A.B., Washington University; B.S.Engr.Sci., ibid.
William Wehbie Mettrey, Jr., B.S.I.E., The North Carolina State College of
Agriculture and Engineering; B.S.Math., ibid.
Raymond Karl Mueller, B.S.Engr. Sci., Washington University

IN APPLIED MECHANICS
Daniel Lew Rosamond, B.S. in Aero. Eng., University of Texas

IN CIVIL ENGINEERING
Hugh Lee Miller, Jr., B.S.C.E., Virginia Military Institute
Somphong Sathanatayavong, B.Sc.(Eng.), University of London
Donald Craig Shumate, B.S.Engr.Sci., Washington University
IN ELECTRICAL ENGINEERING
Bernard Douglas Aims, B.S. Engr. Sci., Washington University
Wayne Richard Huelskoetter, B.S.E.E., Washington University
David Dillon Lynch, Jr., B.S.E.E., Washington University
Roland William Ude, B.S.E.E., Washington University

IN ENVIRONMENTAL AND SANITARY ENGINEERING
Barrett Eckert Benson, B.S.C.E., Washington University
James Sugoshi Kumagai, B.S.Ch.E., University of Hawaii
George Robert Schillinger, B.S.C.E., University of Missouri School of Mines and Metallurgy

IN INDUSTRIAL ENGINEERING
Mahabir Prasad Agarwal, B.S.Mgmt.Sci., Case Institute of Technology
William Chattle Moor, B.S.I.E., Washington University
David Roy Rippy, B.S.I.E., Washington University

IN MECHANICAL ENGINEERING
Thaddeus Claude Grimm, B.S.Ch.E., Washington University
William Adolph Pfeifer, B.S.M.E., Washington University

IN METALLURGICAL ENGINEERING
Frank Joseph Coffey, B.S.Met.E., University of Missouri School of Mines and Metallurgy
William John Meder, B.S.Met.Eng., University of Oklahoma
William Henry Skelton, Jr., B.S.Cer.E., University of Texas

MASTER OF ENGINEERING ADMINISTRATION
Candidates—June 7, 1965
Albert Edward Cawns, A.B., Drury College; B.S.M.E., University of Missouri School of Mines and Metallurgy
Joseph Harold Chaney, B.Ch.E., Georgia Institute of Technology
George Donald Culberson, Jr., B.Ind.Mgt., Alabama Polytechnic Institute
Sanford Donald Engber, B.S., The Pennsylvania State University
Thomas Earl Greenman, Jr., Ch.E., University of Cincinnati
John Andrew Heilala, B.S., The Pennsylvania State University
Clarence Henry Hermann, B.S.E.E., Saint Louis University
Charles Jacob Kreutztrager, B.S.E.E., Washington University
William Frederick Malkemus, B.S.I.E., Washington University
John Saufnauer III, B.S.E., Washington University
James Edward Tilker, B.S.E.E., Washington University

Awarded January 29, 1965
Edward Michael Kern, B.S.Ch.E., University of Illinois
William Edwin Mason, B.S.Agr., University of Missouri; B.S.E.E., ibid.
Raymond Joseph Murphy, B.S.M.E., University of Missouri School of Mines and Metallurgy
William Joseph Pommer, Jr., B.S.E.E., Washington University
Jerrel Don Smith, B.S.M.E., University of Missouri School of Mines and Metallurgy

DOCTOR OF SCIENCE
Candidates—June 7, 1965
IN APPLIED MATHEMATICS AND COMPUTER SCIENCES
Irving Che-hong Tang, B.S., University of California, Berkeley; M.S., University of Illinois
Title of Thesis: Radial Flow Between Parallel Planes

IN APPLIED MECHANICS
Harry Joseph Duffey, B.S.C.E., Washington University; M.S., Stanford University
Title of Thesis: Finite Strain Geometry and Moiré Measurements
Ho-Kang Liu, B.M.E., Alabama Polytechnic Institute; M.S.M.E., Massachusetts Institute of Technology
Title of Thesis: Large Deflections of Thin Plates

IN CHEMICAL ENGINEERING
John Carter Matthews, B.S.Ch.E., Washington University
Title of Thesis: A Shock Tube Study of the Reaction Between H₂ and CO₂
IN METALLURGICAL ENGINEERING

James Francis Brady, B.S.Ch.E., Washington University; M.S., ibid.
Title of Thesis: Velocity Effects Upon Corrosion of Austenitic Stainless Steels in Orthophosphoric Acid

IN SYSTEMS AND AUTOMATIC CONTROL

Bernard Lee, B.S.Prof.Met., Saint Louis University; M.S., ibid.
Title of Thesis: A Sampled Model Reference System
Howard Shik Minn, B.S. Engr., University of Tennessee; M.S., University of Wisconsin
Title of Thesis: Functional Identification and Prediction of a Nonlinear System
Carl Joseph Scherz, B.S.E.E., Washington University; M.S., Saint Louis University
Title of Thesis: An Accuracy Analysis of Some Problems in Optional Control

Awarded January 29, 1965

IN MECHANICAL ENGINEERING

Donald Stewart Ousterholt, B.S., Michigan State University; M.S., ibid.
Title of Thesis: Some Problems in Streaming Birefringence Flow Analysis

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 7, 1965

Helen Christine Bent
Robert Lloyd Boland
Joseph Arthur Diviney
Thomas Burke Gallaher
James Louis Haack

Ralph Henry Hoener, Jr.
Charles Henry Klein
William Preston McMahon
George Dennision Neilson, B.A.
John David Peckham

George Stephen Scott
Charles Otto Uhlmann
Betty Joan Whaley
Keith Elliott Zeff
Ronald Norman Zimmer

Awarded January 29, 1965
Michael James Pause
Awarded August 28, 1964

Lindley Arlen Renken

BACHELOR OF ARCHITECTURE

Candidates—June 7, 1965

Charles Scott Amison, B.S.Arch.Sci.
William Allan Chaitkin, B.S.Arch.Sci.
Jordan David Colbert, B.S.Arch.Sci.
Barry Wayne Evens
John Eugene Farbry, Jr., B.S.Arch.Sci.
Alan David Friedman, B.S.Arch.Sci.

Raymond Charles Gnesевич, B.S.Arch.Sci.
Martin Emerson Gorman, B.S.Arch.Sci.
Chiway Yieh Hsiung, B.Sc.
Fred Nicholas Jeffrey, B.S.Arch.Sci.
Earl Kessler, B.S.Arch.Sci.

Dennis John Kilper, B.S.Arch.Sci.
Seth Howell Langton, B.S.Arch.Sci.

Peter Ohlhausen, B.S.Arch.Sci.
Ting-Fu Peng, B.Sc.
Paul Richard Rotter, B.S.Arch.Sci.
Louis Roger Saur, B.S.Arch.Sci.
Sanford Silverman, B.S.Arch.Sci.
John Fifield Travers, B.A., B.S.Arch.Sci.
Albert Tsung-Yueh Wu, B.Sc.

Awarded January 29, 1965

James Terence Keane

Awarded August 28, 1964

Larry Alan Sauer
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 7, 1965

Robert Nathan Bernstein  
Daniel Harvey Bindler  
Mark Birenbaum  
Charles Maurice Bouas  
Chester Alan Buehr  
Lynn Obear Burton  
Paul Norman Cross  
Michael Henry Erde  
Gary Alan Follman  
Earl Louis Forrler  
Henry Allen Friedman  
William Robert Frielingdorf  
Byron Everett Gray, Jr.  
Joseph James Haburjak  
Samuel Plant Horton  
Mark Neil Hyatt  
Robert Andrew Jackson  
Stephen Jay Jacobs  
Nyril Ann James  
Robert Burns Karn  
Lee Isaac Kaufman, Jr.  
Wayne Herbert Kellman  
Myron Jay Klisansky  
Walter Kenneth Lindhorst  
John Lawry Maby  
Barry Wood McLeane  
Joseph Meth  
Cherie Mae Moeller  
Dustin Edward Neumark  
Charles Robert Nuttman  
Terry Thomas O'Connor  
Jerry Dale Perryman  
Paul William Peterson  
Janet Louise Ramsey  
Henry Richard Reckler  
Michael D Rosenfeld  
Stephan David Rosenthal  
Neal Jay Rubin  
Donald Lewis Schaefer  

Awarded January 29, 1965

Lawrence Allen Linkon  
Leonard Ivan Linkon  
Simon Gerald Miller  
Richard Caswell Reuter  

Barry Allen Rubin  
Bruce Harold Segal  
Mary Catherine Sower  

Awarded August 23, 1964

Charles Lee Hvidston  
Frederick William Marshall, Jr.  
Stephen Lee Rosenthal  

Albert Rotskoff  
Will Eugene Straver  
Shelley Bern Weinstein  

Eugene Avenevoli  
Richard Arthur Charlton  
Charles Arthur Harpke  


MASTERS OF BUSINESS ADMINISTRATION

Candidates—June 7, 1965

Edwin Joseph Antolik, B.S., Parks College of Aeronautical Technology  
Allen Howard Blake, B.S.B.A., Washington University  
Thor William Bruce, Jr., A.B., Washington University  
John Robert Erler, B.S.M.E., Purdue University  
Paul Ray Faris  
John Robinson Hundley III, B.S.B.A., Washington University  
Karen Jean Kiefer, A.B., Washington University  
Richard Edward Mandler, Jr., B.S.Min.Eng., University of Missouri School of Mines and Metallurgy  
Malcolm Hannay McLaun, B.S.Sc.E., Northwestern University  
Dannie Dale Medley  
Kenneth Everett Nunn, A.B., Drury College  
Kenneth Allen Ogle, B.S.I.E., Washington University  
Patricia Ann Russell, B.S.B.A., Washington University  
Thomas Michael Sarsfield, A.B., Rockhurst College  
Charles Frederick Schultz, B.S., Oklahoma State University of Agriculture and Applied Sciences  
Albert Vincent Siniscal, B.S.Ch.E., Washington University  
Bernard Harvey Sirkin, B.S.B.A., Washington University  
John Ford Throckmorton, B.A., DePauw University  
John Francis Willenberg, B.A., Loras College  
James Lawrence Willey, B.S.Arch., University of Cincinnati  
Philip Stanford Zeve, A.B., Washington University  

Awarded January 29, 1965

Harold Theodore Bohlmann, B.S.B.A., Washington University  
Robert Earl Echols, B.S.M.E., University of Washington  
Nathan Greene, B.B.A., The University of Texas  
Fred Robert Heidorn, Jr., B.S.B.A., Washington University  
Fred Michael Kastl, B.S.Ch.E., Washington University  
Robert Eubank Markland, B.S.C.E., University of Missouri School of Mines and Metallurgy  
Ronald William Melcher, B.S.B.A., Washington University  
Wilson Maxwell Montgomery, B.S., Southern Illinois University  
Charles Martin Obermeyer, B.S.E.S., Washington University
Daniel Lawrence O'Connor, B.S.B.A., Washington University
Roger Ewing Potter, B.S., Southern Illinois University
John Henry Reardon, B.A., University of Notre Dame
Theodore Lowell Schultz, B.S., Illinois Wesleyan University
Stephen Ira Sherman, B.S.B.A., Washington University
Lloyd Brewster Taylor, B.A., Westminster College

Awarded August 28, 1965
Stuart Allen Goldman, B.S.M.E., Washington University
Lester Everett Hammar, B.S., Oregon State University
Abdellatif Khemakhem, B.S.B.A., Washington University
Chong Ha Lee, B.A., Yonsei University; M.A., ibid.
Raymond Francis Roth, Jr., B.A., University of Notre Dame
Robert Handley Walpole, B.A., Principia College
Se Hwan Yu, B.A., Korea University; M.B.A., ibid.

MASTER OF SCIENCE IN ACCOUNTING
Candidate—June 7, 1965
Edward Hottes Hollman, B.S.B.A., Washington University

DOCTOR OF BUSINESS ADMINISTRATION
Awarded August 28, 1965
Donald Edward Fischer, B.S.B.A., Washington University; M.B.A., University of Detroit
Title of Thesis: An Analysis and Evaluation of the Role of Preferred Stock in Electric Utility Financing
Ik Soon Im, B.A., Yonsei University; M.A., ibid.; M.B.A., University of Denver
Title of Thesis: A Program for Effective Utilization of Surplus Rural Labor in the Republic of Korea—with Special Reference to Domestic Capital Formation
James Francis Kane, B.S., Indiana State Teachers College; M.A., ibid.
Title of Thesis: Marketing Behavior and the Environment: An Ecological Study of the Adaptive Behavior of Marketing Agencies in a Small Service Station Market
Chong Ha Lee, B.A., Yonsei University; M.A., ibid.
Title of Thesis: A Study of Bonded Processing Trade in Korea: Analysis of the Feasibility of the Korean Garment Industry's Moving Toward Full Processing Trade System
Se Hwan Yu, B.A., Korea University; M.B.A., ibid.
Title of Thesis: The Adoption of Business Accounting Systems in Korean Municipal Water Utilities
The Following Candidates Will Be Presented By
LYNN W. ELRY, PH.D., Dean

BACHELOR OF SCIENCE

Candidates—June 7, 1965

Donald Louis Bange
Harry Barsamian
Larry Eugene Basden
Gene Larry Bezz
Howard E. Bittick
Edward Donald Bodart
Mary Teresa Brandau
Donald Bruch
Carlo Joseph Bruno
William Byron Bryant
Robert Andrew Buhl, Jr.
Paul Neville Burgher
Samuel A. Caldwell
James Ernest Campbell
Milton Woodruff Carden
Patricia Jeanne Casserly
Mary Dolores Chartrand
Robert Allen Cohn, A.B., L.L.B.
William John Creamer
Dennis Joe Davis
Thomas John DeGroot
Edward Joseph Dillon, Jr.
J. Glen Duke
David William Ernst
William Hironuki Eto, B.S., M.S.
Val Deane Fairies
Edward John Falk
Vincent Victor Fahlgren, Jr.
Louis Leon Fies
Bernard Stanley Finkelstein
Gene Anthony Flesher
Richard Gregory Flynn
Robert Louis Geller
Stephen Todd Gill
Louis Frederick Glaser
Peter Joseph Good
Louis Charles Guadoni
Joseph Edward Hartter
William Edwin Haub

Jack Clifford Haus
John Gilbert Hawkins
William Edward Heafner
Louis Edward Hinrichs III
John Wesley Hoar
John Frederick Hoehn
John William Hof
Peter Dodge Holerman
Carl Morton Holland
William Alexander Hume
John O. Johnson
John Joseph Kanecki
John Calvin Kelley, Jr.
Frederick T. Kirchner
Robert Gerald Kolb
Jack Earl Lampert
Richard Eugene Lavengood
Donald Ward Lawson
Frank Michael Lehr
Salvatore Jack Levantino
David Michael Luette
Kenneth Paul Mabra
James Robert MacMillan
David Earl Mansfield
William Lawrence Martin, Jr.
David Lawrence Mashak
Hellmuth Michael Mayer
Edward Rehe McLean III
Stanley Charles McLean
Robert Zelle McQuitty
Shirley Merrill
Vicor John Miller
James Robert Montgomery, B.S.
John Warner Moore, Jr.
Corbin Richard Morrow
Richard Charles Mueller, Jr.
Jean Sutherland Muette
Gary Steven Newmark
Fred Michael Norwhich

Awarded January 29, 1965

James Leo Archibald
Louis Balk
Robert Wayne Ballew
David Alan Barken, Sr.
Russel Lee Bunker
Raymond Bert Booker
Peggy Beckwith Boyd
Richard Clyde Buchanan
Ruby Jane Clawson
Robert Edward Croak
Marianne Meier Ditrich
George Drabb
Lester Warren Duke
Arthur Edwin Geohring, Jr.
Robert Beno Jorgins
Jerome B. Goldenberg
Edward Verner Granroth
Robert Herman Hans

Carl Raymond Herman
Howard William Hollenberg
Harry Keith Huett
Louis Karl Kisthaus
William Sam Kohnk
Charles Ralph Lefton
Mary Catherine Lothman
Chester Ohmer Marvin, A.B.
William Thomas Maxwell
Russell August Meintrup
Pamela Ann Morrow
Charles Edwin Murray
Alberta Sue Murstein
Robert Allan Nelson
Henry Joseph Oughton
Salvatore Paul Palazzolo
Lawrence Jay Pankeyer
John Everett Peeters

Awarded August 28, 1964

Alfred Abram
William Seth Adams, Jr.
Raymond Albert Able
Jacques Charles Chicoineau
Janet Ellen Shoehn
Madeline Alvina Coran
Michael Walter Curran
Paul Adolph Daiber

Robert James Dillow
Gary Allan Eberhardt
Gerald Martin Everding
Bernard Wilbur Farson
Lawrence Harris Fine
Stephen Wunderlich Fischer
Diane Barbara Gale
Daniel Ferdinand Genasci, Jr.

Ronald Henry Hartoebben
James William Herr
Duane John Heyer
Ronald Russell Huchzermeier
Clarence Wayne Hunter, Jr.
William Robert Marx
James Michael McDermott
Robert Lawrence McDowell
BACHELOR OF SCIENCE IN EDUCATION

Candidates—June 7, 1965

Awards January 29, 1965

Eleanor Mary Glock
Sharon K. Haug
Della Lillian Heidbrink
Eleanor Marie Henderson
George Monroe Howard
Rosalie E. Kahn
Carol Ann Kaminsky
Doris Jean Marianne Landeker
Thérèse LaPage

Ruby Lynn Norman
Grace Louise Barnett Smith
Howard Hutmö Snyder

Awards August 28, 1964

Lucy Aldrich Horton
Dorothy Louise Kernan
LaVerne Margaret Littrell
Onelia Pierina Marconi
Sandra Jean Marler
Frances Crossman Martin
David William McCreery
Eugene Eldridge Novell
Frank Edward Phillips
Betty Louise Reando

THE SCHOOL OF FINE ARTS

The Following Candidates Will Be Presented By
KENNETH EUGENE HUDSON, B.F.A., Dean

BACHELOR OF FINE ARTS

Candidates—June 7, 1965

Diana Sargent Hosley
Nikoletta Marie Jakovac
Emily Cecilie James
Robert Fred Jostes
Donna Mae Lef
car Eugene Lampe
Margaret May Landis
Carol Lynn Langehennig
Karen Sue Morris
Helen Ann Orton
Ronald Walter Pekar
Stephen Douglas Pressler

Adrienne Marie Pulss
Stephen Jay Ranes
William Everett Reed
Richard Wallace Ross
Alberto Rafael Sanches
Martha Lynn Schmiedeskamp
Donald August Schweiss
Barbara Scott
Margaret Mary Skrabel
Marion Jane Steen
Kay Carol Stevenson
Sharon Louise Storeck
Jack Howard Summerford
Gary Richard Tenenbaum
Sharon Sue Traxler
Bruce Russell Tuffli
Karen Elizabeth Tureck
Sharon Lee Waller
Betty Pei-Shan Yue

Awarded January 29, 1965

Michael Alan Friedman
Thomas Alphonse Klaverkamp

Awarded August 28, 1964

David Mills Aldinger
Theodore Eugene Carl
James Wilson Davis, Jr.
Judith Ann Klein
DeAnne Lee Parham

William Walter Windhorst
Susan Helen Patton
Jane Suellen Sandwell
THE GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK

The Following Candidates Will Be Presented By
RICHARD GLENN LAWRENCE, M.A., Acting Dean

MASTER OF SOCIAL WORK

Candidates—June 7, 1965

Rodesta Allen, B.S., Tuskegee Institute
Robert Lee Andre, A.B.Ed., Harris Teachers College
Theodore Hubbart Berndt, A.B., Fresno State College
Ted Hall Bixler, B.S., The Florida State University
Carolyn Hemingway Bloodworth, A.B., University of Illinois
ElizaThed Caldwell Burnett, A.B., Lindenwood College
David Leonard Cahill, B.S., South Dakota State College of Agriculture
and Mechanic Arts
Nancy Kealhofer Carroll, A.B., Washington University
Carol Hastings Carter, B.A., The University of Tulsa
Bonnie Lynn Cartmell, B.S.Ed., Illinois State Normal University
Daniel Caspi, B.A., Hofstra University
James Vincent Conlon, B.S., Florida Southern College;
B.S.Ed., The University of Tennessee
Nelda Lee Cook, B.A., Mary Hardin-Baylor College
Loretta Ann Coughlin, B.A., Viterbo College
Diane Lee Dushin, B.A., University of Minnesota
Judith Louise Eller, B.A., University of Delaware
Orel Sheldon Evenson, B.A., Luther College; B.D., Luther Theological Seminary
Martha Weingarten Feinstein, B.S.S.W., Washington University
Theodore Raymond Funkhouser, B.A., Southern Illinois University
Darrell Wade Garcia, A.B., Humboldt State College
Yvonne Susannah Godlove, B.A., Mary Washington College
LaDonna Joyce Green, B.A., Southern Illinois University
Helen Villa Harper, B.A., Centenary College of Louisiana
Avron Charles Heiligman, B.A., University of Minnesota
Richard John Higgins, B.S.Ed., State University of New York
Alan Sommers Hitt, B.S.B.A., Washington University
Amy Angeline Hodge, B.A., Southern Illinois University
Norma Jeanette Johnson, A.B., Washington University
Jeffrey Mark Karatz, B.A., University of Minnesota
Leigh Kottker, A.B., Ohio University
John David Little, A.B., Gettysburg College; B.D., Chicago Lutheran
Theological Seminary
Jeffrey Daird Loane, B.A., Centre College of Kentucky
Alisa Misssyork, Certificate, Tel-Aviv School of Social Work
Louis Horton Moore, B.S.Ed., Greenville College
Carroll Wayne Nafzeger, B.S.Ed., Concordia Teachers College
Dean Kirby Nelson, B.S., Concordia College
Edward F Neufeld, B.A., Bethel College
Carol Frances Pechar, A.B., Lindenwood College
Wilma Berniece Fenton, A.B., William Jewell College
Robert Lee Pulliam, B.A., Mercer University
Edward Robert Quillte, B.A., Mexico City College
Barbara Kathryn Richardson, B.A., Mary Hardin-Baylor College
Ronda Jane Richardson, A.B., San Jose State College
Lynn Louise Roddy, B.A., The Pennsylvania State University
Gilbert Starr, B.S.Ed., Washington University
Roger Owen Strand, B.A., St. Olaf College
Sylvia DeLois Swanner, B.S., Arkansas State College
Linda Carol Tarvin, B.A., Oklahoma Baptist University
Paul Richard Thomas, A.B., Washburn University
George Stoess Unger, B.A., Goshen College; B.D., Goshen College
Biblical Seminary
Amy Lenore Van Hoozer, B.A., The State University of Iowa
Mary Lee Wieland, A.B., Washington University
Gall Williams, B.S., University of Missouri
Robert Frazier Wintersmith, B.A., Lincon University
Joan Marie Yokel, B.A., Elmhurst College

DOCTOR OF SOCIAL WORK

Candidates—June 7, 1965

Alfred John Oswald Farina, B.A., The University of British Columbia;
B.S.W., ibid.; M.S.W., ibid.
Title of Thesis: A Study of the Relationship Between Personality Factors and
Patterns of Free-Time Behaviour
Marjorie Marie McQueen, B.S., Mississippi Southern College;
M.S.W., Tulane University
Title of Thesis: A Conceptual Framework for Testing the Patterns of Behavior
Employed by Parents for Engaging in the Changing Process of the Child
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 7, 1965
Leonard Jay Frankel
Edwin Osborn Bailey, A.B.
Christopher Johnstone Bell, B.A.
Stanford Irvin Benson, B.S.B.A.
Jerrold Blumoff, B.S.B.A.
Kenneth Harris Bromberg, A.B.
Charles Phillip Bunyan, B.A.
Gerald William Callahan, B.A.
Michael Burton Constance, B.S.
Justin Caulfield Cordonnier, B.A.
Julian David Cosentino, A.B.
Alan Ellis DeWoskin, A.B.
Richard Albert Dupere, A.B.
Julian David Frank, B.S.
A.B.
Christopher Johnstone Bell, B.A.
Stanford Irvin Benson, B.S.B.A.
Jerrold Blumoff, B.S.B.A.
Kenneth Harris Bromberg, A.B.
Charles Phillip Bunyan, B.A.
Gerald William Callahan, B.A.
Michael Burton Constance, B.S.
Justin Caulfield Cordonnier, B.A.
Julian David Cosentino, A.B.
Alan Ellis DeWoskin, A.B.
Richard Albert Dupere, A.B.
Julian David Frank, B.S.
A.B.

DOCTOR OF LAW
Candidates—June 7, 1965
Leonard Jay Frankel
Edwin Osborn Bailey, A.B.
Christopher Johnstone Bell, B.A.
Stanford Irvin Benson, B.S.B.A.
Jerrold Blumoff, B.S.B.A.
Kenneth Harris Bromberg, A.B.
Charles Phillip Bunyan, B.A.
Gerald William Callahan, B.A.
Michael Burton Constance, B.S.
Justin Caulfield Cordonnier, B.A.
Julian David Cosentino, A.B.
Alan Ellis DeWoskin, A.B.
Richard Albert Dupere, A.B.
Julian David Frank, B.S.
A.B.

Awarded January 29, 1965
Courteney Sheldon Goodman, Jr.

DOCTOR OF DENTAL SURGERY
Candidates—June 7, 1965
William Charles Beller
Robert Jacob Bernardi, Jr., B.S.Ed.
David Temple Beverly III
Reginald Nelson Blankenship, B.A.
James Robert Bobbitt, Jr., A.B.
Lloyd Hampton Briggs, Jr.
Jerry Lowell Cady, B.A.
Nilo Rufus Call
Eugene Snowden Clarke
Marvin Cohen, B.S.
Sidney Bernard Cohen, B.A.
Whitson Leslie Daily, B.S.
David Arthur Engesberg, A.B.
Newell Richard Frei
Robert Keith Gill, A.B.
Jimmie Bob Hales, A.B.
Robert Carlos Hill, B.S.
Jack George Ikle, B.S.
Minor Kirkpatrick
Richard Martell LaMothe
Donald Gene Larson, B.S.
David Desmond Long
Samuel Rokus Maehara, B.S.
Lawrence Vernon Mansell, B.S.,
cum laude
David Smith Marshall, A.B.
Donald Terance Martin, B.S.

THE SCHOOL OF DENTISTRY
The Following Candidates Will Be Presented By
LEROY ROBB BOLING, PH.D., Dean

MASTER OF SCIENCE IN ORTHODONTICS
Candidates—June 7, 1965
Joseph Aloysius Engelmann, B.S., D.D.S.
G Russell Frankel, D.D.S.
Evangeline Gail Greer, B.S., D.D.S.
Harry August Herman, Jr., A.B., D.D.S.

DOCTOR OF DENTAL SURGERY
Candidates—June 7, 1965
Larry Abbott Moss
Ronald Gene Mullen
David Fountain Nelson,
cum laude
Lynn Gilbert Perry, B.S.
David Parrish Ragdale, A.B.
Lee Wilmer Schaller, A.B.
John Milton Small, B.S.
Jun Morimitsu Tanimoto, A.B.
Jerrold Lee Vesper
Don Emars Williams, B.A.
Robert Cleon Williams
Meredith Lee Zellers
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 7, 1965

Melanie Ann Conley
Mary Jane Dysart
Judith Ann Huffman
Ruth Claire Israel

Melissa Frances Kimes, B.A.
Bernadette Lang Krutchik
Madeline Thrower Mara
Susan McGuire

Nell Rose Prather
Nancy Evelyn Saufnauer
Christine Strathmann
Viola Ruth Wesche

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Candidates—June 7, 1965

Jacquelyn Ann Couse
Nancy Eileen Gentry
Marilyn Sue Harper

Rita Evelyn Lang
Linda Kay Langin
Lynn Morgan

Judith Wright O’Neil
Patricia Virginia Pifat
Ruth Ellen Veatch

MARTOR OF HOSPITAL ADMINISTRATION

Candidates—June 7, 1965

Miner Lucasen Brown, B.A.
Ward Braiden Darley, B.S.
George Wilford Dickinson, B.S.
Iwaure Griffin, B.S.B.A.
Myron Michael Kraff, B.G.E.

Charles Henry Mason, Jr., B.A.
Robert James O’Brien, B.S.
Ellis Wynn Presson, B.B.A.
Charles David Setliffe, B.S.

Symuel Harold Smith, B.S.
Robert Edward Winkler, B.B.A., M.B.A.
James Wallace Worrell, B.A.
James Henry Youree, B.S.

DOCTOR OF MEDICINE

Candidates—June 7, 1965

Margaret Strom Ansari, B.A.
Frances Elisika Atkins, A.B.
Joseph Avruch, B.S.
John Clay Barber.
William Ernest Bridson, A.B.
John Harry Brunner, A.B.
Dennis Patrick Cantwell, B.S.
Harry Osyon Cole, B.S.
Neil Allan Crane, B.S.E.
Walter Esmond Dickinson, B.A.
William James Dieruf, B.A.
Joseph Charles DiRaimondo, B.S.
David Louis Dunner
William Mills Dyer, Jr., B.S.
Aaron Edward Feldman, B.S.
James Shubert Fleischinger, B.S.
John Willard Forsyth, B.S.
Darwin LeGrande Freebairn, Jr., B.S.E.E.
Lawrence Ellis Friedman, B.A.
George Bernard Friend, B.A.
Thomas Pearn Frist, Jr., B.A.
Mark Gates, A.B.
Charles Curtis Gibson, B.A.
Harton Collins Grooms, B.S.
Brian Hugh Gross
Joshua Bernard Grossman, A.B.
Donald Wade Hammond II, A.B.

Hall Edward Harrison, A.B.
Gordon Royce Held, D.V.M., B.S.
Alan Stanford Hendin, A.B.
Russell Nelson Hirst, Jr., B.S.
Donald Nichols Hobbs, A.B.
Phillip Ernest Hoffsten, B.S.Ch.E.
Robert Eugene Howard, A.B.
Warren Billings Howe, A.B.
Harvey Jay Hoyt, B.S.
Donald Dale Hubbard, B.A.
Ernest Wiley Johnson, Jr., B.A.
Harold K. Kanagawa, B.A.
Carl Gustav Kardinal
Jeannie Jones Kinzie, B.S.
Barry Beryl Kirschbaum, B.A.
Lewis Henry Kopluk, A.B.
Albert Henry Krause, Jr., B.S.
Haruo Kusumara, A.B.
James Sam Louie
Lawrence Jaynes Lynch, Jr., A.B.
Thomas Manis, A.B.
James Edwin Marks, A.B.
Edward Krauss Massin, B.A.
Nancy Jane McCullough, A.B.
Roger Lee Moll, B.S.E.E.
Glenn Leland Melson II, B.A.
Charles Howard Merideth, Jr., A.B.
Stephen Neal Norris, A.B.

James Roy Morrison, B.A.
James Emerson Musgrave, B.A.
Richard Stanton Myers, B.A.
Alice Marie O’Dell, B.A.
Fletcher Thomas Ott, B.A.
Phillip O’Keefe Periman, B.A.
Marshall Alan Permutt, B.A.
Allan Haley Pribble
James Arthur Renning, A.B.
James Alan Reynolds, A.B.
Harry Moore Rogers, B.S.
Hunter Bryan Rogers, B.S.
Adolph Albert Schonder, A.B.
Peter Larry Schwartz, B.S.
John Colton Shaw, B.A.
Paul Philip Sher, B.S.
James Winn Sherrill, Jr., A.B.
Jerry Allison Snow, B.A.
Margaret Clare Telfer, A.B.
Robert Baldwin Telfer, B.S.
Robert Neville Tyson, B.S.
Neil Valdes, A.B.
Carl Kohsuke Watanabe, A.B.
Richard Harry Weissbart, B.A.
Frank David Weisbart
Allan Paul Wolff, B.S.
Eugene Gee Chu Wong
Sharon Lynn Woodruff, B.S.
THE SCHOOL OF NURSING

The Following Candidates Will Be Presented By
JOYCE MARILYN BRUEGGEMAN, M.S., Acting Dean

BACHELOR OF SCIENCE IN NURSING

Candidates—June 7, 1965

Minervia Rose Bennett
Roberta Kay Brady
Jessie May Byington
Carol Jane Cook

Edith Anne Kaplan
Mary Sharon LaSater
Nancy Lee Maxeiner
Phyllis Anne McCauley
Alice Carolyn O'Dell
Susan Sigoloff

Diana Brein Smith
Doris Ann Smith
Rita Ardell Stapleton
Janet Marie Welsh
Alice Suelflow Worthington

Awarded January 29, 1965

Susie Gudermuth

Waltraut Bruderek Jordan
Sally Mueller Simundson

Awarded August 28, 1964

Marie Alice Brown
Charlotte Ann Neeley

Doris Ann Parker
Ruth Barteau Schlottach

Carol Ann Weerts
Mildred Frances Schooley
Barbara Ann Snasdell

MASTER OF SCIENCE IN NURSING

Candidates—June 7, 1965

Flora Margaret Agee, B.S.N.
Doris Elaine Asselmeier, B.S.N.
Mary Elise Baer, B.S.N.
Constance Joan Berni, B.S.N.
Helga Harriet Bindschadler, B.S.
Irma Jean Brooks, B.S.N.
Veronica Meyer Buben, B.S.N.
Martha Anne Coleman, B.S.N.
Charlotte Ludlie Davis, A.R.
Margaret Carol De Clue, B.S.N.

Nancy Eleanor Fitzpatrick, B.S.N.
Joyce Lee Hammack, B.S.N.
JoAnn Hediger, B.S.N.
Glenna Price Lehman, B.S.N.
Doris Ethel Lenox, B.S.N.
Dawn Sieracke Modrzejewski, B.S.N.,
M.A.Ed.
Alice Marie O'Beirne, B.S.N.
Calista Jean Oerman, B.S.N.

Jeannette O'Neal, B.S.N.
Evelyn Louise Raggio, B.S.N.
Mary Wilma Riley, B.S.N.
Patricia Darlene Shaffer, B.S.N.
Dolores Vergean Smiley, B.S.N.
Reita Jacqueline Stuart, B.S.N.
Juanita Sue Tate, B.S.N.
Mary Jean Thiede, B.S.N.
Betty Jean Thompson, B.S.N.
Karen O'Sullivan Wegener, B.S.N.

Awarded January 29, 1965

Helen Louise Bryant, B.S.N.
Mary Mercedes Castles, B.S.N.

Norma Ann Metheny, B.S.
Vera Gertrude Phillips, B.S.N.

Awarded August 28, 1964

Marilyn Louise Seat, B.S.N.

Marilyn Sue Shook, B.S.
Catherine Ann Smith, B.S.N.
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 7, 1965

IN BOTANY
Ayala Farkash
Subhadra Sankaranarayanan Nair, B.Sc., University of Kerala

IN CHEMISTRY
Dixie Ward Frederiksen, B.A., Texas Technological College
Eli Nitzen, B.S., University of California at Berkeley
David Shai Olander, A.B., Washington University
Jitka Velinsky Olander, A.B., Washington University
Francis Henry Ruddy, B.A., Clark University
Alvin Harvey Sher, A.B., Washington University
Fu-Chin Shih, B.Sc.Engr., National Taiwan University
Fun-Dow Tsay B.Sc.Engr., National Taiwan University

IN COMPARATIVE LITERATURE
Madonna Liberty Lee, A.B., Maryville College of the Sacred Heart

IN ECONOMICS
David Edward Greytak, B.A., St. Edward’s University
Francis Xavier Leighty, B.S.Ed., Illinois State Normal University

IN EDUCATION
Earl Herman Gaulke, B.S.Ed., Concordia Teachers College;
B.A., Concordia Theological Seminary

IN ENGLISH
Wendell Hugh Affsprung, A.B., University of Cincinnati
Karen Sasha Anthony, A.B., Mount Holyoke College
Joyce Lee Brannon, A.B., Washington University
Dorrel Thomas Hanks, Jr., A.B., Washington University
Mary Vera Jackson, A.B., Washington University
Charles Samuel Jones, B.A., The University of Kansas
Martha Ann Kremer, A.B. summa cum laude, Saint Louis University
Jeffrey Pierson Neill, B.A., Amherst College
Carol Pave Perkins, A.B., University of Missouri
Helen Trewoz Spigel, B.A., The Principia College
Eleanor Mathes Waltuch, A.B., Washington University

IN FAR EASTERN STUDIES
Serena Sheng-Hwa Jin, B.A., Chung Chi College

IN FRENCH
Francis Julien Parmentier, Licence ès lettres, Université de Montréal

IN GEOLOGY
Yi-Maw Chang, B.Sc., National Taiwan University
Bruce Leonard Stinchcomb, B.S.Geol., The University of Missouri School
of Mines and Metallurgy

IN GEOPHYSICS
Chao-Cheng Ku, B.Sc., National Taiwan University
Michael Joseph Phelan, B.S.Gph.Eng., Saint Louis University

IN GERMAN
Rudi Albin Prusok, A.B., Lafayette College; M.S., State University of Iowa
Ronald Bruce Schnoil, A.B., Monmouth College
Gunter Stolz, B.A., Sir George Williams University
Julia Duffy Ward, B.A., Miami University

IN GERMAN; FRENCH
Heidrun Liselotte Hofmann

IN GERMAN; SPANISH
Margareta Helm, A.B., Washington University
IN HISTORY
Ray Donald Cook, A.B., Washington University; Th.M., Dallas Theological Seminary
Stephen Foster Englehart, A.B., Washington University

IN MATHEMATICS
Jean-Paul Joseph Dionne, B.Sc.A., Université Laval
George Theodore Georgantas, A.B., The University of Rochester
Samuel Barrie Karp, A.B., Brandeis University
Robert Henry Leibman, B.S., The University of Chicago
Richard Marion Summerville, B.S.Ed., Clarion State College

IN MUSIC
Charles Alan Beeler, B.M., Illinois Wesleyan University
Dorothy Marie de la Fuente, A.B. cum laude, Washington University
Susan Chaffins Kovalenko, B.A., Mills College
Nancy Ordelheide Rubenstein, A.B., Lindenwood College
Wesley Marvin Vos, B.A., Central College

IN PHILOSOPHY
Henriette Baer Ackerman, A.B., Vassar College
Archibald Carey, Jr., B.A., The Principia College
David Alan Coomber, A.B., Illinois College
Norah Wible Deakin, A.B., Washington University
Don Wilson Livingston, B.A., Wake Forest College
Gary Adrian Mallinas, A.B., Ohio University
Ernest Philip Soper, A.B. summa cum laude, Washington University
Dennis Michael Temple, B.A. cum laude, Park College
James Edward Wanek, B.S., University of Utah

IN PHYSICS
Maury Cotton Eggers, B.A., Central Methodist College
Norman Jerome Golden, S.B., Harvard College
Edward Jay Hill, A.B., Grinnell College
Robert Lee Melcher, B.S., Southern Methodist University
Robert Greenleaf Ouellette, B.A., Wabash College
Robert Emery Smith, B.S., Duke University
Earl Connor Swallow, A.B., Earlham College
Wallace Franklin Walters, A.B., University of Chattanooga

IN POLITICAL SCIENCE
Carol Sweet Resnikoff, A.B., The University of Chicago
Esther Gordon Schweich, A.B., Antioch College

IN PSYCHOLOGY
Susan Ross Ballou, B.A., Colorado College
Elizabeth Tredwell Ferrel, A.B., Washington University
Joanne Bamberger Gilden, A.B., Mount Holyoke College
James Bernhardt Gross, B.S., Washington University
Barbara Barnes Miller, A.B., Washington University
Alice Marie Tucker, A.B., Washington University

IN SOCIOLOGY
Elizabeth Ann Barnhill, A.B., Lindenwood College
Kenneth Fidel, A.B., Brooklyn College
Karen Marie Jennison, B.A., The University of Kansas
Magdalena León-Gómez, Licenciado, Universidad Nacional de Colombia
Charles Gary Merritt, A.B., Washington University
Sol Judah Resnikoff, A.B., Brooklyn College
Ethel Sawyer, B.A., Tougaloo College

IN SPANISH; FRENCH
Betty Tyree Osiek, A.B., Lindenwood College

IN ZOOLOGY
Anne Shannon Cumming, B.A., Agnes Scott College
Earl Dean Henslee, B.S., Oklahoma Agricultural and Mechanical College; M.S., ibid.
Awarded January 29, 1965

IN ECONOMICS
William Wentlandt Carmichael, A.B., Muhlenberg College
Arnold Alfred Dill, A.B., Rockhurst College

IN ENGLISH
Janis Marie Schedler, B.A., Valparaiso University

IN GEOLOGY
Kadry Kaddis Bissada, B.Sc.Geol.&Chem., Faculty of Science, University of Assiut

IN GEOPHYSICS
Robert Louis Segar, B.S.Geol.E., Washington University

IN GERMAN
Jeannette Erma Hefti, B.A., Carleton College
Patricia Burke Herminghouse, A.B., Knox College

IN MATHEMATICS
William Sia Oo Kian Ke, B.S., National Taiwan University

IN PHYSICS
Jerome Norman Freedman, B.S.Ch.E., Purdue University

IN POLITICAL SCIENCE
John Norton Colas, B.A., Beloit College

IN PSYCHOLOGY
Walter Raleigh Jacobs, Jr., B.S.G.S., Saint Louis University; A.B., Washington University
David Jerome Ludwig, B.A., Concordia Senior College
Herbert Keith Rodewald, A.B., Washington University

IN SOCIOLOGY
Bruce Albert Chadwick, A.B. cum laude, Washington University
John Edwin Lyman, B.A., Westminster College

Awarded August 28, 1964

IN AUDIOLOGY
Peter Bryant Weston, A.B., Bard College

IN BOTANY
John Lance Strother, B.S., Sam Houston State Teachers College

IN CLASSICS
Harry Kincaid Baum, A.B., Washington University

IN ECONOMICS
George Richard Meadows, B.B.A., Agricultural and Mechanical College of Texas

IN ENGINEERING GEOLOGY
William Joseph Brennan, B.S.Geol.E., Washington University

IN ENGLISH
Arnold Bailey Chapin, A.B., Western Maryland College; B.D. The Protestant Episcopal Theological Seminary
Myra Jean Cozad, B.A., William Jewell College
Arthur Gibba Draper, B.A., Park College
Judith Ann Kurtz, A.B., Washington University
Rosemarie Nebl Lee, A.B., Webster College
David Walter Lotz, B.A., Concordia Senior College; B.D., Concordia Seminary
Cedric Stovall Reynolds, A.B., Washington University
Alvin Schneider, A.B., Washington University

IN FAR EASTERN STUDIES
John Anthony Brim, A.B., Washington University

IN GEOPHYSICS
Wallace Edgar Beckham, Jr., A.B., Washington University

IN HISTORY
Dorothy Longan, B.S.Ed., Central Missouri State Teachers College
IN MUSIC
Charles Kendall Stallings, A.B., Washington University

IN PHILOSOPHY
Anthony Roda, B.S., Saint Peter's College
William Joseph Wasko, Jr., B.A., Miami University

IN PHYSICS
João Bosco de Siqueira, E.E., Instituto Tecnológico de Aeronáutica
Ethan Adam Scarl, B.A., Reed College
Carl Reuben Shafer, B.S., Bradley University
Louis Ning-Yao Shen, B.A., International Christian University

IN POLITICAL SCIENCE
William Field Biggs, A.B., Colgate University
George Charles Leposky, A.B., Washington University

IN PSYCHOLOGY
Lev Williams, B.S., Tennessee Agricultural and Industrial State University

IN SOCIOLOGY
Peter Maurice Hirsch, A.B., University of Illinois
Patrick Henry Witte, A.B., Washington University

IN ZOOLOGY
Barbara Anne Bruckner, A.B., Mount Holyoke College
Charles Edward Hoger, B.S.Ed., Concordia Teachers College; M.A.Ed., Washington University

MASTER OF ARTS IN EDUCATION
Candidates—June 7, 1965

IN EDUCATION
Patricia Louise Bohn, A.B., University of Missouri
Barbara Ann Bradshaw, B.S.N., Washington University
Pamela Joy Cytron, A.B., Washington University
Owen Elliott Delman, A.B., Washington University
Martha Gross Fink, A.B., Barnard College
Naomi Kathryn Guthell, B.S.Ed., Concordia Teachers College
Dorothy Hughes Hartzell, A.B.Ed., Harris Teachers College
Herbert Stanley Holland, Jr., B.S., Yale University
Phyllis Mercedes Johnson, B.S., Lincoln University
Louise Cowan Judson, A.B., Hunter College
Joan Adele Kehl, A.B.Ed., Harris Teachers College
Mary Ann McFarland, B.S.Ed., Southeast Missouri State College
Marvin Henry McLane, B.S.Ed., Washington University
Sharon Martin McPherron, B.S., Purdue University
Elizabeth Ann Minnè, B.S., The University of Wisconsin
Edith Hais Neiling, A.B., Washington University
Joan Sue Parnas, A.B., Washington University
Gerald Dean Rapp, B.S.Ed., Concordia Teachers College
Gillian Carole Raw, B.Sc., University of Natal
Jane Elizabeth Rigney, B.A., The University of Tennessee
Wilbert John Robinson, B.S.Ed., Concordia Teachers College
Hazel Zink Sprandel, A.B., The University of Nebraska
Lana June Weinbach, A.B., Washington University

IN EDUCATION; ENGLISH
John Patrick Delahanty, A.B., Brandeis University; B.S., University of Minnesota

IN EDUCATION; MUSIC EDUCATION
Blair Louis Deiermann, B.Mus., St. Louis Institute of Music

IN MUSIC EDUCATION
Carmen San Luis Hernandez, B.Mus., University of the Philippines

IN PHYSICAL EDUCATION
Arnold Gordon Edwards, B.S.Ed., Washington University
Mary Alice Hayes, B.S.Ed., Washington University
Linda Kessel Meckfessel, A.B., Washington University
Dorothy Louise Shippey, B.S., Lindenwood College
Shirley Novack Simon, B.S.J., University of Illinois
IN SCIENCE EDUCATION
Joan Frances Friemel, B.S.Ed. magna cum laude, Southeast Missouri State College
Gerald David Harvey, A.B., Belmont Abbey College
Donald Edward Igelsrud, B.S.Ed., The University of Kansas
Susan Anne Warner, A.B., Washington University

Awarded January 29, 1965

IN EDUCATION
Margaret Fairlie Carmichael, A.B., Smith College
John Elroy Gadell, A.B., Washington University
Glen Dixon Griebenstroh, B.S., Purdue University
Gloria Ann Becker Marchick, A.B., Washington University
Nevon Ouits McLain, A.B.Ed., Harris Teachers College
Jane Shurig Sherry, B.S.Ed., Washington University

IN ENGLISH; EDUCATION
Joanne Eve Montell Erbich, A.B., Washington University

IN HEALTH EDUCATION
Earline Smith Falkner, A.B., Talladega College

IN HISTORY; EDUCATION
Elizabeth Lynn Maughs, B.A., Rollins College

IN PHYSICAL EDUCATION
Roland Glen Lee Brumitt, B.S.Ed., Greenville College
Vicki Sue McCormick, B.S.Ed., Washington University

Awarded August 28, 1964

IN EDUCATION
Robert Lynn Armantrout, A.B., Washington University
Lillian Byronell Boly, B.S.Ed., Southeast Missouri State College
Joseph Patrick Briggs, B.A., Quincy College
Edgar Alvin Burnett, A.B.Ed., Harris Teachers College
Marieta Marie Callahan, B.S., Lindenwood College
Clarice Eugenia Campbell, B.S.Ed., Northeast Missouri State Teachers College
Glenn Arnold Campbell, A.B.Ed., Harris Teachers College
Ruth Noemi Cotto de Silva, B.A.Ed., University of Puerto Rico
Alma Lucille Dulz, B.S.Ed., Washington University
Edna Linn Eilern, A.B.Ed., Harris Teachers College
Thomas David George Fiol, B.A., Covenant College
Elizabeth Schott Fischer, B.S.Ed., Concordia Teachers College
Wayne Paul Gronefeld, B.S.Ed., University of Missouri
Ida Marie Hamilton, B.S., Allegheny College
Duane Emil Hingst, B.S.Ed., Concordia Teachers College
Norma Jean Hootman, B.S., Saint Louis University
Clyde Richard Huff, Jr., A.B., University of Missouri
Jane Esther Hutcherson, A.B.Ed., Harris Teachers College
Adrienne Juerling Hutchison, A.B.Ed., Harris Teachers College
David Harris Jackoway, B.S., University of Cincinnati
Dolores Hughes Jones, B.A., Evansville College
Sarah Louvenia King, A.B., Spelman College
Raymond Wall Klauber, A.B.Ed., Harris Teachers College
Geraldine Cook Limar, A.B.Ed., Harris Teachers College
Carol Bullock Lindhorst, A.B., Washington University
Carolyn Ruth Loebner, B.Mus., Washington University
Frances Smith Mangan, A.B.Ed., Harris Teachers College
Alvena Wampler McIntyre, B.S.Ed., Washington University
James William Moore, B.S.Ed., Washington University
Kathryn Vorhaus Palan, A.B., Vassar College
Lois Elaine Provence, A.B., Washington University
Chauncey Claud Randall, A.B., Drury College
Virginia Lee Roos, B.A., Carleton College
Nellie Brewer Rountree, B.S.S.Sc., Drury College
Martha Stout Scheller, A.B.Ed., Harris Teachers College
Nelson Donald Smith, A.B.Ed., Harris Teachers College
Clara Wilson Swango, B.Ed., Western Illinois State College
Thomas Hayward Swope, A.B., Washington University
Richard Ballentine Thompson, B.S.Ed., The University of Georgia
Katherine Viola Vance, B.S., Washington University
Arlee Elizabeth Vaught, B.S.Ed., Southwest Missouri State College
Maxine Mary Winger, B.S.Ed., Southwest Missouri State College
Vernon Carson Wagner, A.B.Ed., Harris Teachers College
Ernest Stanton Warren, B.S.Ed., Arkansas State College
Willie Meade Waters, Jr., B.S., Kentucky Wesleyan College
Marion Margaret Wilson, A.B., Washington University
IN MUSIC EDUCATION
John Bernard Dolan, B.Mus.Ed., Music and Arts College
Barbara Rose Glass, A.B.Ed., Harris Teachers College
Estella Matilda Otto, B.S., The Saint Mary College

IN PHYSICAL EDUCATION
Lawrence Joseph Adams, A.B.Ed., Harris Teachers College
Donald Aubrey Allen, A.B.Ed., Harris Teachers College
John Edward Blake, B.S.Ed., Northeast Louisiana State College
Dorothy Marie Brady, A.B.Ed., Harris Teachers College
Martin Louis Duffner, B.S.Ed., Southwest Missouri State College
Margaret Annette Jones, B.A., The Monmouth College
James Harold Morrison, B.S.Ed., The Ohio State University
Roger Neil Richardson, B.S., Mississippi State University of Agriculture and Applied Science

IN PHYSICAL EDUCATION; HEALTH
William Dryden Wells, B.S.Ed., Washington University
Charles Andrew Winscott, B.S.Ed., Washington University

IN SCIENCE EDUCATION
Diana Katherine Archer, B.S., Indiana State Teachers College
Gilbert Wayne Blankespoor, A.B.Ed., Calvin College
Myron Joseph Conway, Jr., A.B., Dartmouth College;
M.C.S., The Amos Tuck School of Business Administration
Carol Lee Fellure, B.S.Ed., The Ohio State University
Harold Wayne Friedemann, A.B., University of Southern California
Richard Lemuel Friend, B.S., University of New Hampshire
Joann Nolan Hoover, B.S.Ed., Shippensburg State College
Ronald Charles Laugen, B.A., University of Minnesota; B.S., ibid.
Marion Louise Magill, B.S., Western Illinois State College
John Lenox Putnam, B.S., Springfield College
Mary Ann Schultz, B.A., The College of Saint Rose
Sam Gowdy Standring, B.A., Long Beach State College
Irving Werner, B.S., Brooklyn College

MASTER OF SCIENCE IN SPEECH AND HEARING
Candidates—June 7, 1965
Mary Janet Erwin, B.A., Vanderbilt University
David Charles Fischer, A.B., Bowdoin College
Harriet Sue Frank, B.S., State Teachers College
Sue Ann Freeman, A.B., Washington University
Linda Louise Williams, B.A., University of Colorado

MASTER OF MUSIC
Candidates—June 7, 1965
Nancy Stice Boyd, B.Mus. cum laude, Washington University
Ruth Lee Saunders, A.B., Washington University
Gordon Lee Waterman, B.A., Concordia Senior College; M.A., The University of Chicago; B.D., Concordia Seminary

ADVANCED GRADUATE CERTIFICATE IN EDUCATION
Candidate—June 7, 1965
Ferd Clarence Kaufman, B.S.Ed., Washington University; M.S.H. & P.E., ibid.

The Following Candidates Will Be Presented By
ROBERT ROSWELL PALMER, PH.D., Dean of the Faculty of Arts and Sciences

DOCTOR OF EDUCATION
Candidates—June 7, 1965
Joy Eugene Whitener, B.S.Ed., Southeast Missouri State Teachers College;
M.Ed., University of Missouri
Title of Thesis: An Actuarial Approach to Teacher Turnover
Donald Glenn Zytowski, A.B.Ed., Harris Teachers College; M.S. Counseling and Personnel, Washington University
Title of Thesis: An Interaction Study of Counseling
Awarded January 29, 1965

IN EDUCATION
Kingsley Wientge, A.B., Washington University; A.M., ibid.
Title of Thesis: The Improvement of Deductive Reasoning Through Programed Instruction in the Solution of Categorical Syllogisms: A Study in Teacher Decision Making

Awarded August 28, 1961

IN EDUCATION
William Richard Stephens, B.S.Ed., Greenville College; M.Ed., University of Missouri
Title of Thesis: An Analysis of the Educational Ideas of Five Leaders in School Administration—1910-1930
Leslie Joe Wehling, B.S.Ed., Illinois State Normal University; M.A.Ed., Washington University
Title of Thesis: An Exploration of the Organization of Teacher Conceptions of the Educative Process

DOCTOR OF PHILOSOPHY
Candidates—June 7, 1965

IN CHEMISTRY
John William Abrell, B.S., Duke University; M.A., Dartmouth College
Title of Thesis: Hydrofluorinolysis of Nucleotides
John Edward Bowers, Jr., B.S., State University of New York at Albany
Title of Thesis: Intramolecular Diazoalkane-Carbonyl Reactions

IN ECONOMICS
Title of Thesis: An Analysis of Regression Estimators for Urban Employment Multipliers and Their Application to the Employment Impact of the Aerospace Industry in St. Louis SMSA

IN EDUCATION
Joseph Culver Grannis, A.B., Harvard College; A.M.Tchg., Harvard University
Title of Thesis: An Experimental Study of the Inductive Leaning of Abstract Social Concepts

IN ENGLISH; EDUCATION
Gene Stuart Koppel, B.J., University of Missouri; M.A., Columbia University
Title of Thesis: The Moral Basis of Jane Austen's Novels

IN GEOPHYSICS
Robert Edward Hanss, B.S.Min.E., University of Missouri School of Mines and Metallurgy
Title of Thesis: Domain Structure of Magnetite

IN MATHEMATICS
Howard Leslie Egan, A.B., Washington University; A.M., ibid.
Title of Thesis: The Frattini Subgroup and Its Relation to Certain Classes of Generalized Nilpotent Groups
Title of Thesis: Operators Acting on Lorentz Spaces
Lawrence Arnold Machtinger, B.S.Ch.E., Washington University; A.M., ibid.
Title of Thesis: Rings with a Not Necessarily Transitive Order Relation

IN PHYSICS
Bhola Nath Mehrotra, B.Sc., University of Allahabad; M.Sc., ibid.
Title of Thesis: Paramagnetic Resonance Study of MnF²⁺ Ion in Hexafluogermanates
William Willard Warren, Jr., B.S., Stanford University
Title of Thesis: Nuclear Magnetic Resonance of Xe²⁺ in Liquid and Solid Xenon

IN POLITICAL SCIENCE
Huey Carl Camp, B.S.Bus.&Comm., Southern State College; A.M., Washington University
Title of Thesis: Presidential Politics in Latin America: The Dynamics of Power

IN PSYCHOLOGY
Ronald Paul Carver, B.S.C.E., University of Missouri School of Mines and Metallurgy; A.M., Washington University
Title of Thesis: The Relation of Intelligence to the Ability to Learn
Robert Aurelius Crisera, B.S., Portland State College
Title of Thesis: A Study of Job Satisfaction and its Relationship to Performance in the Job Situation
Marvin Herbert Gewirtz, B.S., The College of the City of New York
Title of Thesis: An Investigation of Some Personality Determinants of Fallout Shelter Attitudes

Ralph Stewart Long, Jr., B.S., State Teachers College; M.Ed., Pennsylvania State College
Title of Thesis: A Study of Staff-Patient Changes in Expectancy, Attitude, and Behavior Following the Introduction of a Renovation Technique into the Ward Routine of a Mental Hospital

Frank Borromeo McMahon, Jr., A.B., Washington University; A.M., ibid.
Title of Thesis: Clinical Training: A Variable in Psychological Test Interpretation

Awarded January 29, 1965

IN CHEMISTRY
Camilla Therese Hurwitz, B.S., Fontbonne College
Title of Thesis: The Compound-Statistical Mechanism in Simple Nuclear Reactions

IN COMPARATIVE LITERATURE; ENGLISH
Wolf Hirst, B.A. (Hons. 2nd), University of Oxford; M.A., ibid.
Title of Thesis: Old Testament Influences on the Romantic Hero Figure in England, France, and Germany

IN GEOLOGY
Arthur Peter Joerger, A.B., Hunter College; M.S., Louisiana State University
Title of Thesis: Coccolithophorids and Related Nannoplankton from the Upper Eocene to Middle Oligocene of Southwestern Alabama

IN GERMAN
Norbert Aloysius Busch, B.A., LaSalle College; M.A.Tch., Harvard University
Title of Thesis: The Chief Metamorphoses of Friedrich Schlegel’s Concept of Mythology

IN MOLECULAR BIOLOGY
Daniel Howard Kohl, B.A., University of California
Title of Thesis: Studies of Photosynthesis in Intact Cells by Electron Spin Resonance

IN PHYSICS
Rolf Woldseth, siv. ing., Norges Tekniske Høgskole
Title of Thesis: KL Transitions in High Z Elements

IN POLITICAL SCIENCE
John Joseph Grotpeter, B.S., Saint Louis University; M.A., Duke University
Title of Thesis: Political Leadership and Political Development in the High Commission Territories

IN PSYCHOLOGY
Ivan Baer Inger, A.B., Washington University
Title of Thesis: The Relationship Between Parents’ Child-Rearing Attitudes and Their Reports of Child Behavior

Eleanor Tobin Kenney, A.B., Bryn Mawr College
Title of Thesis: Level of Ego Development and Authoritarianism of Mothers with Children Who Differ in IQ and School Adjustment

IN SOCIOLOGY
Gláucio Ary Dillon Soares, LL.B., Faculdade de Direito Candido Mendes; M.C.L., Tulane University
Title of Thesis: Economic Development and Political Radicalism

Awarded August 28, 1964

IN CHEMISTRY
Avon Kirkland, B.S., Clark College; A.M., Washington University
Title of Thesis: Addition Reactions of Carbohydrate C-Nitroolefins

Title of Thesis: Ion Binding in Polyelectrolyte Systems With and Without Added Salt

IN COMPARATIVE LITERATURE
Gisela Maria Maucher
Title of Thesis: Das Problem der dichterischen Wirklichkeit im Prosawerk von E. T. A. Hoffmann und E. A. Poe

IN ECONOMICS
Title of Thesis: Rail-Barge Competition in the Mississippi Valley: An Empirical Study of Barge Transportation on the Mississippi River System
IN EDUCATION
Winnie Jennings Bridgeman, B.S.S.W., Washington University; A.M., ibid.
Title of Thesis: Leader Behavior: Group Motivation

IN ENGLISH
Harriett Bloker Hawkins, B.A., Newcomb College; A.M., Washington University
Title of Thesis: Five Poetic Worlds: The Relationship Between Thematic Content and Construction in Representative Works by Ben Jonson

Robert Gregory Risse, Jr., A.B., Grinnell College; A.M., Washington University

IN GEOLOGY
Pradip Kumar Sen Gupta, B.Sc., Asutosh College; M.Sc., Jadavpur University; M.Tech., Indian Institute of Technology
Title of Thesis: The Orientation of Aliphatic Amine Cations on Vermiculite

IN GERMAN
Dennis Melvin Mueller, B.A., St. John's University; A.M., Washington University
Title of Thesis: Hamlet in Germany from Its Beginnings to the Present Day Selected Translations and Interpretations

IN MATHEMATICS
Thomas Craig Brown, B.A., Reed College; A.M., Washington University
Title of Thesis: On Semigroups which are Unions of Periodic Groups

IN MOLECULAR BIOLOGY
Ching-Tang Chen-Tsai, B.S., National Taiwan University; M.S., National Tsing Hua University; A.M., Washington University
Title of Thesis: Beta-Decay in Hypernuclei
John Dana Fox, A.B., Princeton University
Title of Thesis: Deuteron Compton Effect
Bernard Edward Schrautemeier, B.S., St. Mary's University of San Antonio
Title of Thesis: Primary Cosmic Ray Energy Spectra

IN PHYSICS
Mary Ann Therese Bednar, B.A., Lewis College of Science and Technology; A.M., Washington University
Title of Thesis: Changes in Social Perception in Adolescents During Group Psychotherapy

Ivan Gary Sherick, B.A., Brooklyn College
Title of Thesis: Body Image, Level of Ego Development and Adequacy of Ego Functioning

IN PSYCHOLOGY
Sarah Lee Boggs, A.B., Washington University; A.M., ibid.
Title of Thesis: The Ecology of Crime Occurrence in St. Louis: A Reconceptualization of Crime Rates and Patterns

IN SOCIOLOGY
Gordhanbhai Lalubhai Patel, A.B., Washington University
Title of Thesis: Isolation and Characterization of Nuclear Fractions from Calf Thymus and Some Aspects of Their Metabolic Activities

31
COMMISSIONS IN THE DEPARTMENT OF DEFENSE

The Following Candidates Will Be Presented By COLONEL WILLIAM EDWARD BRUBAKER, B.S.,
United States Army, Professor of Military Science

UNITED STATES ARMY
Issued by the Secretary of the Army

SECOND LIEUTENANT, ARMY RESERVE
Byron Gene Fiman
Gary Alan Follman

*Peter Martin Ossorio
David Martin Shideler
*William Daniel Tedrick

The Following Candidates Will Be Presented By MAJOR ALAN JOSEPH TEAGUE, M.B.A.,
United States Air Force, Professor of Air Science

UNITED STATES AIR FORCE
Issued by the Secretary of the Air Force

SECOND LIEUTENANT, AIR FORCE RESERVE
Lester Oscar Hoffmann, Jr.

**Gary Lee Mitchell

* Distinguished Military Graduate
** Distinguished Air Force ROTC Graduate
PRIZES, AWARDS AND HONORS

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

Fern J. Cornelison Prize in English, Helen Wollack Power
F. Ward Denys Prize in English, Margaret Louise Boudra
Honorable Mention: John Michael Feehan, Howard Elgin Schwartz
J. Walter Goldstein Prize in History, Kenneth Wayne Keller
Roger Conant Hatch Prize in English, Timothy Edwin Janes Leach
Honorable Mention, Richard Jeffrey Maize
Wilma Koetter Memorial Prize in Secondary Education, Barbara Elaine Bindler
Arnold J. Lien Prize in Political Science, Elaine Ruth Augustine
Norma Lowry Memorial Poetry Prize in English, David Washburn Gellen
Honorable Mention: Eugene Benjiman Redmond, Norman Toby Simms
Ernest L. Ohle Award in Earth Sciences, Terry Marie Adler
John C. Sowden Memorial Prize in Chemistry, Robert Arthur Rouse
Shirley McDonald Wallace Prizes in History
Carol Ann Friedman John Michael Stroup
Louis G. Zelson Prize in Spanish, Catherine Papin Lamont

THE SCHOOL OF ENGINEERING

E. O. Sweetser Award, Kenneth Paul Kuhn
Associated General Contractors Awards
Thomas Patrick Dunne Clay Blevins Yoe III
American Society of Civil Engineers Award, Robert Joseph Manfrede
Laclede Steel Award, Donald Stevens Eskridge
Ade H. Winheim American Chemical Society Award, Melvin Ray Bagley
American Institute of Chemical Engineers Award, James Benjamin Galeski
American Institute of Chemical Engineers Student Paper Contest
Melvin Ray Bagley Ronald Alan Cordes
Institute of Electrical and Electronics Engineers Award, Nicholas Anthony Dalba
American Institute of Industrial Engineers Outstanding Senior Award, Lester Brooks Bell
Pi Tau Sigma Award, David Michael France
American Society of Mechanical Engineers Award, Robert Warren Andersohn
American Society of Mechanical Engineers Student Paper Contest
David Michael France Harvey Charles Manhal
Applied Mathematics and Computer Sciences Departmental Award, Richard Macey Simon
Joe B. Butler Memorial Award of the Missouri Society of Professional Engineers for an Outstanding Junior, Thomas John Lynch
Missouri Society of Professional Engineers Scholarship Awards
Ronald Alan Cordes Ronald Arthur Williamson
Hamilton Watch Award, Robert B Schainker
Chemical Rubber Company Outstanding Freshman Award, John Dryer Wick

Final Honors
Melvin Ray Bagley Francis John Hummel, Jr. Robert B Schainker
James Thomas Bialson Peter Leonard Lagus Richard Macey Simon
Kenneth Joseph Borgwald Robert James Landy Ronald Arthur Williamson
Harry Richard Grodsky Philip David Robers John Arthur Ziegler

THE SCHOOL OF ARCHITECTURE

Alpha Rho Chi Medal, William Allan Chaitkin
American Institute of Architects Book Award, Dennis John Kilper
American Institute of Architects Medal, John Fifield Travers
Producers' Council Award, Charles Scott Amison
Frederick Widmann Prize in Architecture, Fred Nicholas Jeffrey

Final Honors
Ralph Henry Hoener, Jr. Dennis John Kilper John Fifield Travers

33
THE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

Alpha Kappa Psi Award, Terry Thomas O'Connor
American Marketing Association Award, Paul Norman Cross
American Society of Women Accountants Award, Ellen Darleen Dwyer
Sidney S. Cohen Prize, Cherie Mae Moeller
Haskins and Sells Award, Lawrence Howard Weltman
William S. Krebs Accounting Club Prize, Stephen Lawrence Geifman
Isidor Loeb Prize, Dale Robert Wassergord
Missouri Society of Certified Public Accountants Award, Lynn Obear Burton
Wall Street Journal Award, William Henry Goodman

Final Honors
Ruth Phillips Bock
Charles Maurice Bouas

UNIVERSITY COLLEGE

Final Honors

THE SCHOOL OF FINE ARTS

Fred Green Carpenter Prize in Painting, Stephen Douglas Pressler
Caroline Risque Prizes in Sculpture
First Prize, Dorothy Dell Sigler
Second Prize, Donald Breidenbach
Third Prize, Frances Vivian Luce
Waldo J. Johnson Award in Book Design, Judith Kay Kennett
Lillie Elise Willemsen Prize, Arlene Rita Olson

THE GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK

Final Honors

THE SCHOOL OF LAW

Alumni Association Prize, Walter Kenneth Lindhorst
Samuel M. Breckinridge Third Year Scholarship Prizes
First Prize, Joseph Raymond Soraghan
Second Prize, Walter Kenneth Lindhorst
Samuel M. Breckinridge Practice Court Prizes
First Prize, Leonard Jack Frankel
Second Prize, Joseph Raymond Soraghan
Order of the Coif
Kenneth Harris Bromberg
Pierce Barnard Hasler
Walter Kenneth Lindhorst
James Alan McCord
John Richard McFarland
Joseph Raymond Soraghan
Kay Ellen Thurman

THE SCHOOL OF DENTISTRY

Dental Alumni Association Prize, Lawrence Vernon Mansell
Omicron Kappa Upsilon Honorary Fraternity, Robert Jacob Bernardi, Jr.,
David Desmond Long, Lawrence Vernon Mansell, David Smith Marshall,
David Fountain Nelson

THE SCHOOL OF MEDICINE

Alpha Omega Alpha Book Prize, Richard Stanton Myers
Borden Undergraduate Research Award, Marshall Alan Permutt
Dr. Jacques J. Bronfenbrenner Memorial Award, Robert Baldwin Telfer
Dr. Richard S. Brookings Medical School Prize, Peter Larry Schwartz
Dr. Robert Carter Medical School Prize, Phillip Ernest Hoffsten
Lange Medical Publications Book Awards, Dennis Patrick Cantwell, Carl Gustav Kardinal
Missouri State Medical Association Annual Award, Glenn Leland Nelson II
Moebius Scholarship Book Awards, William Ernest Bridson, John Harry Brunner, Neil Allan Crane, Alan Stanford Hendin, Edward Krauss Massin
Prizes of the Medical Fund Society, Joseph Avruch, Albert Henry Krause, Jr.
Sidney I. Schwab Book Prizes, Dennis Patrick Cantwell, James Roy Morrison, Robert Baldwin Telfer

THE SCHOOL OF NURSING

Nurses' Alumni Association Book Prize, Alice Carolyn O'Dell

Final Honors
Doris Elaine Asselmeier
Helga Harriet Bindschadler
Martha Anne Coleman
Glenna Price Lehman
Calista Jean Oerman
Ruth Barteau Schlotzhauer
Susan Sigoloff

34
HONORARY DEGREES

DOCTOR OF HUMANITIES

SISTER FRANCETTA BARBERIS, S.L., President Emeritus of Webster College; president, 1958-65; consultant, Job Corps of the Office of Economic Opportunity; superior of Loretto Heights College, 1946-62; member, Advisory Council of the Missouri Commission on Higher Education, Commission on Religion in Higher Education, Committee for the Study of Women's Colleges; educator and religious leader.

BLANCHE FRANK ITTLESON, Co-founder of the Henry Ittleson Center for Child Research; former officer and board member of the National Association for Mental Health; board member, Menninger Foundation; Honorary Fellow, American Psychiatric Association; winner of Herbert H. Lehman Human Relations Award, 1963; Honorary President, U.S. Committee of the World Federation for Mental Health; philanthropist and pioneer in the field of mental health.

DOCTOR OF LAWS

MORTON J. MAY, Chairman of the Board of the May Department Stores Company; president of the company, 1917-51; trustee and former chairman of the board, National Jewish Hospital of Denver; trustee of the Louis D. Beaumont Foundation; life member of the board, Jewish Hospital of St. Louis; trustee, David May-Florence G. May Medical Research Foundation; received knighthood in the Order of Pope Saint Sylvester from Pope John XXIII, 1959; businessman, philanthropist and civic leader.

GALO PLAZA, Special Representative of the United Nations Secretary General in Cyprus; President of Ecuador, 1948-52; Ecuadorian Ambassador to the United States, 1944-46; former President of the Municipal Council of Quito; Minister of National Defense of Ecuador, 1938-40; founder of the American School of Quito; statesman and educator.

ETHAN ALLEN HITCHCOCK SHEPLEY, Chancellor of Washington University, 1954-61; chairman of the University board of directors, 1951-54 and 1961-64; member of the board since 1940; general chairman of the University's current Capital Program; Republican nominee for Governor of Missouri, 1964; winner of Alexander Meiklejohn Award of the American Association of University Professors, 1959; educator, civic leader, lawyer and businessman.

DOCTOR OF SCIENCE

EDWARD MILLS PURCELL, Gerhard Gade University Professor, Harvard University; co-winner, Nobel Prize in Physics, 1952; member, President's Science Advisory Committee, National Academy of Sciences, American Academy of Arts and Sciences; Senior Fellow, Academy of Fellows, Harvard; group leader, Fundamental Developments Group, Radiation Laboratory, Massachusetts Institute of Technology, 1941-46; scientist and educator.

EMERITUS LIST

1965

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 1964-65.

WERNER DREWES
Professor of Design
At Washington University since 1946

DIETRICH GERHARD
William Eliot Smith Professor of History
At Washington University since 1936

WEBB BRYAN GURLEY
Professor of Operative Dentistry
At Washington University since 1938

CARL TOLMAN
Professor of Earth Sciences
At Washington University since 1927

WAYNE LA SALLE TOWNSEND
Distinguished Service Professor of Law
At Washington University since 1945

NOEMI MADELEINE WALSH
Instructor in Jewelry and Metalry
At Washington University since 1928