

WAYNE STATE _____
UNIVERSITY
COMMENCEMENT



JUNE 20, 1963
COBO HALL — CONVENTION ARENA

**THE BOARD OF GOVERNORS
OF
WAYNE STATE UNIVERSITY**

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William M. Borgman, Vice Chairman

Rupert L. Cortright, Marshal

The Wayne State University Band under the direction of Angelo M. Cucci

The marshals and ushers serving during this commencement exercise are undergraduate students of the University

HYMN TO WAYNE

To thee, our Alma Mater,
Homage we bring.
Brave hearts raise grateful voices
Thy praise to sing.
Young art thou, young and strong;
Renowned shalt thou live, and long;
Honors to thee will throng—
And Fame to thee cling.

We laud thee, Alma Mater,
Guardian of Right.
Thou art our guide, our mentor—
Thy name shines bright.
Keep Learning's light aflame,
And hold Truth a sacred name,
Honor, thy steadfast aim.
All hail to thy might!

—Nicholas Stanley Oates '29

ORDER OF EXERCISES

OVERTURE

A Festival Prelude

Reed

PROCESSIONAL

The Host of Youth

Guentzel

(The audience is asked to rise as the academic procession enters and to remain standing until the Invocation has been pronounced.)

THE NATIONAL ANTHEM

INVOCATION

The Reverend Father Miltiades Efthimiou, B.A., Th.B., B.D., S.T.M.,
Saints Constantine and Helen Greek Orthodox Church

FOREWORD

The Honorable Benjamin D. Burdick, Wayne State University Board of Governors

THE CONFERRING OF THE ACADEMIC DEGREES

Clarence B. Hilberry, Ph.D., L.H.D., LL.D., Sc.D., President of the University

WELCOME TO THE ALUMNI ASSOCIATION

Leslie R. Schmier, LL.B., President, Wayne State University Alumni Association

HYMN TO WAYNE

deTar '27

(The audience is requested to rise for the singing of the Hymn and to remain standing until the Recessional is completed.)

BENEDICTION

RECESSIONAL

University Grand March

Goldman

CANDIDATES FOR DOCTORAL DEGREES

From the Graduate Division

Randall M. Whaley, Ph.D., Vice President
for Graduate Studies and Research

DOCTOR OF PHILOSOPHY

- ROBERT NEAL AMMERAAL, A.B., 1958, Calvin College
Dissertation Title: "The Effect of Mitotic Poisons and Amino Acid, Purine and Pyrimidine Analogues on Hormone Induced Melanogenesis."
Adviser: Dr. Tche Tchen
- ALLAN GENE BECKER, A.B., 1956, Wayne State University; M.S., 1957, University of Michigan
Dissertation Title: "The Effect of Nuclear Radiation on the Superheated Liquid State."
Adviser: Dr. Leonard Roellig
- WILLIAM G. BOS, A.B., 1958, Calvin College
Dissertation Title: "The Kinetics of the Reaction of Hydrogen with Cerium Metal at Room Temperature."
Adviser: Dr. Karl Gayer
- GILBERT RONALD DAVIS, A.B., 1951, M.A., 1956, Wayne State University
Dissertation Title: "Traditional English Comic Motives in *The Merry Wives of Windsor*."
Adviser: Dr. Ralph Nash
- ARTHUR D. EVEN, B.S., 1933, Purdue University; M.S., 1955, Wayne State University
Dissertation Title: "Communication in the Management of Technological Change."
Adviser: Dr. George Hinds
- KLAUS J. HANSEN, B.A., 1957, M.A., 1959, Brigham Young University
Dissertation Title: "The Kingdom of God in Mormon Thought and Practice, 1830-1896."
Adviser: Dr. Edward Lurie
- B. CARMON HARDY, B.A., 1957, Washington State College; M.A., 1959, Brigham Young University
Dissertation Title: "The Mormon Colonies of Northern Mexico: A History, 1885-1912."
Adviser: Dr. C. Norman Guice
- JACQUES RAYMOND JOST, Bach., 1942, College De Saintes; D.S.P., 1946, University of Paris
Dissertation Title: "La Conception Francaise du Comique au Dix-huitieme Siecle."
Adviser: Dr. H. Linn Edsall
- GEORGE NELSON KAMM, A.B., 1942, Oberlin College; A.M., 1947, Harvard University
Dissertation Title: "A Study of the Fermi Surface of Aluminum Using Magneto-acoustic Techniques at 200 to 350 Megacycles."
Adviser: Dr. Henry Bohm
- CHARLES MASON KLEIN, B.S., 1948, Heidelberg College; M.A., 1950, Wayne State University
Dissertation Title: "Creativity and Incidental Learning as Functions of Cognitive Control of Attention Deployment."
Adviser: Dr. William Wattenberg
- GEORGE KLIN, B.A., 1953, Brooklyn College; M.A., 1955, University of Nebraska
Dissertation Title: "Woman in Eighteenth Century French Fiction."
Adviser: Dr. E. Burrows Smith
- IRWIN L. KLUNDT, B.S., 1958, Washington State College; M.S., 1959, Montana State University
Dissertation Title: "Thermal Rearrangement of Alpha-Aminoketones."
Adviser: Dr. Calvin Stevens
- DANIEL LANDIS, B.S., 1957, Arizona State College; A.M., 1960, Temple University
Dissertation Title: "Conditioned Salivation to a Negative After-Image."
Adviser: Dr. Charles Solley

CANDIDATES FOR DOCTORAL DEGREES — Continued

- WINSTON S. MARSHALL, A.B., 1959, Vanderbilt University
Dissertation Title: "Part I—The Reaction of Diphenylketene-N-(p-tolyl)-imine with Hydroxy and Amino Substituted Carboxylic Acids. Part II—The Structure of Mitomycin C."
Adviser: Dr. Calvin Stevens
- CLESSEN JAY MARTIN, A.B., 1959, Alma College; M.A., 1961, Wayne State University
Dissertation Title: "The Role of Repetition in the Acquisition of Verbal Associations."
Adviser: Dr. Eli Saltz
- HAROLD R. MOORE, B.S., 1955, M.S., 1957, Wayne State University
Dissertation Title: "The Adaptation of Hadamard's Variational Techniques to the Green Function Theory for Partial Difference Equations."
Adviser: Dr. Paul Weiss
- DAVID MOY, B.S., 1957, Duke University
Dissertation Title: "Syntheses and NMR Studies of Vinyl and Propenylgallium Compounds."
Adviser: Dr. John Oliver
- JOHN J. MULLER, B.A., 1950, St. Meinard Seminary; M.A., 1957, University of Toledo
Dissertation Title: "Regression in Schizophrenia as Manifested by Primary Process in Verbal Association."
Adviser: Dr. B. Frank Auld, Jr.
- GERALDINE M. PURCELL, B.A., 1949, Michigan State College; M.Ed., 1954, Wayne State University
Dissertation Title: "Influence of Cellular Structures and Selected Enzymes on Prothrombin Activation."
Adviser: Dr. Marion Barnhart
- HAROLD ROSEN, B.S., 1952, M.S., 1954, City College of New York
Dissertation Title: "Recall as a Function of Differentiation and Hostility."
Adviser: Dr. Eli Saltz
- BERNARD A. RUSSI, JR., B.S., 1954, Kent State University; M.A., 1955, Ohio University
Dissertation Title: "The History and Development of German Broadcasting as an Instrument of Social Control."
Adviser: Dr. Lee Dreyfus
- STANLEY MICHAEL SOKALSKI, B.S., 1953, M.S., 1958, University of Detroit
Dissertation Title: "A Study of Chromium III-chloride-Formate Plating Baths."
Adviser: Dr. G. Ray Sherwood
- K. GRANT TAYLOR, A.B., 1957, Calvin College
Dissertation Title: "Part I. The Structure of Mitomycin C Part II. The Reaction of Eposyethers with Ethylenediamine."
Adviser: Dr. Calvin Stevens
- JOHN EDWARD VOLLMER, B.S., 1948, M.A., 1949, University of Detroit
Dissertation Title: "Semi-Cubical Homotopy Theory of Kan Triads I."
Adviser: Dr. Sze-Tsen Hu
- LEIGHTON WHITAKER, Jr., B.A., 1954, Swarthmore College; M.A., 1956, University of Connecticut
Dissertation Title: "A Test for the Identification of Schizophrenic Thought Disorder: The Schizophrenic Thinking Index (STI)."
Adviser: Dr. B. Frank Auld, Jr.
- ROBERT C. WILLIAMS, B.A., 1959, Wayne State University; M.S., 1960, Syracuse University
Dissertation Title: "A Study of the Relationship between Basic Television Shots and Expressed Interest Level."
Adviser: Dr. Paul Rickard
- CAROL MAGGART WILSON, B.A., 1958, Northwestern University
Dissertation Title: "Studies on Melanocyte Formation Induced by ACTH, MSH and Related Peptides."
Adviser: Dr. Tche Tchen
- GERALDINE JOAN ZDYBEK, B.S., 1956, M.S., 1960, Wayne State University
Dissertation Title: "I. A New Method for Desulfation of Mucopolysaccharides. II. Quantitative Determination of Mucopolysaccharide Sulfate in Connective Tissue."
Adviser: Dr. Albert Boyle

CANDIDATES FOR DEGREES IN EDUCATION

From the College of Education

Francis C. Rosecrance, Ph.D., Dean

DOCTOR OF EDUCATION

- LINNEA MAE ANDERSON, B.S., in Elem. Educ., 1951, Minot State Teachers College; M.S. in Educ., 1954, Illinois State Normal University
Dissertation Title: "Factors Affecting High and Low Achievement among Adolescents Enrolled in Special Classes for the Mentally Handicapped."
Adviser: Dr. John J. Lee
- RANJIT SINGH BAJWA, B.A., 1951; B. Teaching, 1953, Panjab University; M. Educ., 1959, Wayne State University
Dissertation Title: "An Inquiry Into the Practicality of a Particular Modern American Educational Method in Indian Primary and Secondary Schools."
Adviser: Dr. George Miller
- DORIS LEMKE BARCLAY, B.S. in Educ., 1947; M. Educ., 1949, Wayne State University
Dissertation Title: "An Evaluative Study of a Wayne State University Program for the Preparation of Art Teachers."
Adviser: Dr. Earl C. Kelley
- CHARLES BERRYMAN BREEDLOVE, B.S., 1937, McMurry College; M.S., 1938, Southern Methodist University
Dissertation Title: "An Appraisal of Team Teaching in High School Chemistry."
Adviser: Dr. Rose Lammel
- GEORGE E. COON, A.B., 1956; M.A., 1959, Western Michigan University
Dissertation Title: "An Evaluation of the Student Teaching Programs at Wayne State University."
Adviser: Dr. Ruth Ellsworth
- JUNE EILEEN GABLER, B.S. in Educ., 1952; M. Educ., 1955, Wayne State University
Dissertation Title: "A Study of Reading Readiness Programs in the Kindergarten."
Adviser: Dr. Helen Suchara
- JOHN EDWARD HELFRICH, B.S. in Educ., 1951; M.S. in Educ., 1952, Bowling Green State University
Dissertation Title: "A Descriptive Study of Certain Science Learnings Known by Entering Kindergarten Children."
Adviser: Dr. Jean Hamilton
- HENRY CHARLES HEUSNER, B.S. in Educ., 1951, Northern Illinois State Teachers College; M.A., 1954, Northwestern University
Dissertation Title: "A Study of the Utilization of Curriculum Guides as Related to Selected Factors in their Planning and Construction."
Adviser: Dr. Ruth Ellsworth
- ROBERT PAUL JOCHMANS, A.B., 1950, Emanuel Missionary College; Mus.B., 1953, Chicago Musical College; M.M., 1955, Chicago Conservatory
Dissertation Title: "A Statistical Analysis of Pupil Achievement in an Integrated Audio-Visual French Course."
Adviser: Dr. William Hoth
- LEWIS BARBER LARKIN, B.S., 1927, Springfield College; M.S.W., 1944, University of Michigan
Dissertation Title: "Field Work Experiences Prior to Student Teaching."
Adviser: Dr. Wilhelm Reitz
- CLIFFORD B. MAY, A.B., 1943, Drury College; M.A., 1949, University of Kansas
Dissertation Title: "The Forced Attachment of Two Differing School Districts: A Problematic Analysis."
Adviser: Dr. August Kerber
- LOUIS DAVID MONACEL, B.S. in Educ., 1950, M.Educ., 1954, Wayne State University
Dissertation Title: "The Effects of Planned Educational Facilities Upon Curriculum Experiences and Related Attitudes and Aspirations of Teachers, Pupils, and Parents in Selected Urban Elementary Schools."
Adviser: Dr. Ruth Ellsworth

CANDIDATES FOR DEGREES IN EDUCATION — Continued

- JAMES HOWARD NEUBACHER**, B.S. in Educ., 1949, M.Educ., 1949, Wayne State University
Dissertation Title: "A Study of the Effects of Existing and New Educational Facilities Upon the Teachers, Pupils and Community in Terms of Curriculum Experiences and Related Attitudes and Aspirations in an Urban Elementary School Area."
Adviser: Dr. Ruth Ellsworth
- JAMES NELSON ROBERTS**, B.S., 1951, Central Michigan College of Education, M.Educ., 1952, Wayne State University
Dissertation Title: "Perceptions and Expectations of Superintendents, Principals and Teachers Regarding Leader Behavior of Elementary School Principals."
Adviser: Dr. Thomas B. Stone
- LEONARD N. SERVETTER**, A.B. in Educ., 1949, M. Educ., 1950, Wayne State University
Dissertation Title: "Livonia, Michigan: An Historical Study Whose Findings Have Been Used in the Preparation of a Social Studies Textbook Having a Middle Elementary Grade Reading Level as Determined by the Spache Readability Formula."
Adviser: Dr. Helen T. Suchara
- GEORGE RUSSELL TRUCKEY**, B.S., 1948, Northern Michigan College of Education, A.M., 1949, University of Michigan
Dissertation Title: "A Study Directed toward Development of a Procedure for Analyzing and Improving Communication Processes within School Districts."
Adviser: Dr. Joseph E. Hill
- MARJORIE JOANN WHITE**, B.Educ., 1952, San Jose State College, M.Educ., 1957, University of Oregon
Dissertation Title: "A Study of the Change of Achievement and Attitude toward Arithmetic by Prospective Elementary School Teachers under the Conditions of Television."
Adviser: Dr. Charlotte Junge

CANDIDATES FOR DEGREES IN MEDICINE

From the College of Medicine

Gordon H. Scott, Ph.D., Dean

DOCTOR OF MEDICINE

Austin Albert Aardema
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Frad Averbuch
Sonia Baur

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Michael J. Bonczak
Robert E. Brantley
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Marvin Ersher

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Seymour Ziegelman

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MASTER OF SCIENCE

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Bohdanna Dzedzyk
Josephine B. Ferar
Nuria Kozanas

Herbert Lee Lenon
Jeffrey S. Life
Aaron Lupovitch, M.D.
Robert O. McLean
George Rizk Mikhail

Harold Edward Oemke
Paul Edward Stubbs
Donald H. Willard

CANDIDATES FOR DEGREES IN SOCIAL WORK

From the School of Social Work

Charles B. Brink, M.Sc. in Social
Administration, Dean

MASTER OF SOCIAL WORK

Jeannette G. Andary
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Charlotte Berecz
Ralph Bleyaert

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Marie-Claire Brisebois
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Mary Louise Waldinger
Helen Kirk Walsh

Margaret King Wheeler
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Paul L. Yutzy

CANDIDATES FOR DEGREES IN LAW

From the Law School

Arthur Neef, A.B., J.D., Dean

MASTER OF LAWS

Frank C. Lawson

MASTER OF LAWS IN LABOR LAW

Peter T. Zachary

JURIS DOCTOR

Armand Demuth Kunz
Donald Linn Milbourn

Patricia J. Pernick
Thomas D. Van Hattum

Theodore Weiswasser

CANDIDATES FOR DEGREES IN LAW — Continued

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Joseph G. Aprea
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Joseph Paul Bregman**

**George Willard Burnard
Alexander M. Butcher
Michael A. Caplan
John Robert Carney
Richard Gary Chosid**

**Saul S. Chudnow
Earl William Dalzell
Kenneth Marshall Davies
William H. Drake
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Paul B. Fried
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Sheldon William Gordon
Nino Edwin Green
David W. Hackbirth
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David Irwin Kaufman
Arthur M. Klurstein
David Richard Kratze**

**Eugene Norris LaBelle
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*George Richard Lewis
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**Matthew Allen Seward
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Jerome Harvey Solomon
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William A. Werner
Arthur W. Whelan, Jr.
Sheldon Phillip Winkelman**

**Arthur Sheldon Woll
Steve N. Yardley**

*In the several colleges and schools of the University where it is customary to recognize outstanding achievement with special notice, an asterisk before a candidate's name denotes attainment of a high scholastic average. The official list of graduates cited for "distinction" or "high distinction" will be compiled subsequently and their diplomas will carry the appropriate notation. This practice is not observed in the College of Education or at the Graduate level.

CANDIDATES FOR DEGREES IN ENGINEERING

From the College of Engineering

Howard M. Hess, M.S., Associate Dean

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Shyam Mulchand Chandani
William Andrew Crozier
James Erwin Hinsch

Ramesh C. Jhaveri
Dale John Kemppainen
Chu Kwong Lui

Ramanlal A. Patel
Vithalbai Mathurbhai Patel

MASTER OF SCIENCE IN CIVIL ENGINEERING

Jayendra S. Shah
David J. Snyder

Hector Ramon Valdez
Chester T. Wiczerniak

Ronald Enoch Wilshaw

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

John Michael Besieris
John Laszlo Kastura

Ronald E. Schwartz
Raymond J. Tevlin

Eddie L. Walker
Kou-Min Yeh

MASTER OF SCIENCE IN ENGINEERING MECHANICS

Richard Thomas Cronin
William Evan Little

Charles A. Martin

Ronald C. Pampreen

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

Gert Hermann Reichert

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Stephen M. Bakonyi
Jagdish G. Chandani
Louis James Chmura
Douglas R. Dixon

Albert George Lucas
John Marcovsky
Gerald William Metzger

Edgar Leon Perkins
Raghuvir Keshavrao Talwalker
Howard Frederick Voigt

MASTER OF SCIENCE IN METALLURGICAL ENGINEERING

James R. Easterday
Inder Jit Grover

Robert S. Kiwak

William Robert Kvochak

BACHELOR OF SCIENCE IN AERONAUTICAL ENGINEERING

Charles Frederick Rausch

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Gerald Erwin Burow
George Frederick Coon
Robert L. Cottrell
Robert David Craig

Leroy Michael Jagers
*Ronald J. Kieffer
Dennis Stacey Moat
Angelo A. Montagna

Donald William Regula
Robert Salloum
Curtis S. Schmaltz

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Algis Albinas Bliudzius
Bruce Eric Bordener
*Stewart W. Chastain
Carl L. Cousins
Cyril John Flannigan, Jr.
Majid Hamza

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Frederick R. Janeczko
James Anthony Lawor
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Leonard M. Obertyniuk
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Walter Charles Turek
Barrie Robert Weingarden

————— CANDIDATES FOR DEGREES IN ENGINEERING — Continued —————

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Robert Richard Beale
Frank D. Berko
* Frank William Bliss
* Gary Bollenbacher
Robert F. Bourke

Ronald Anthony Campo
Emil C. Comsia
Ronald James Cowell
Eugene Anthony Cuneo, Jr.

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Eran Geller
Harold Charles Jennett, Jr.
Richard Earl Jewett
David A. Johnson

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Frank Elroy Moeller

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Panayiotis George Portoulas
Gary Allen Sawyer
David Scott

Michael Harry Stellman
Charles Edwin Williams
Keith L. Zerschling

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Robert Stephen Bakos
George Lamar Good

Stanley Gut

Gerald E. Hill

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Philip E. DeVergilio
Kern L. Fischer
* Ronald Francis Gariepy
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BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

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James K. Schmitt

CANDIDATES FOR DEGREES IN PHARMACY

From the College of Pharmacy

Stephen Wilson, Ph.D., Dean

MASTER OF SCIENCE IN PHARMACY

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George Charles Fuller

Maxwell H. Miller

Irving Bernard Sable

BACHELOR OF SCIENCE IN PHARMACY

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Elaine Marie Koski
William L. Krempel

James Arthur Oleszkowicz
Alfred James Palutke
Janice Cleo Pletsch
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Donald Alfred Derby
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Atanas A. Dohcheff

Carol Germaine Kurz
Thomas Edward Lufkin
Martha M. Macilynsky
Roger Jack Mancewicz
Marvin Chris Meyer

Marvin Coppedge Sayles
Robert Ray Solberg
Larry A. Sporer
Alan Warren Stotsky
James Allan Stringer

Irving Gold
Richard Anthony Karwaski
Larry R. Kersten

John Vincent Mrgan
Bronislawa Olejarczyk

Leonard Sulisz
James Lee Van Wagoner

CANDIDATES FOR DEGREES IN NURSING

From the College of Nursing

Katharine E. Faville, R.N., M.S., Dean

MASTER OF SCIENCE IN NURSING

Kizhakukara Paulose Aleykutty
Ruth Gronert Donaho
Sosamma Mathai

Doris Yuriko Nouchi
Mary Ann Oess

Florence Nightingale Reddepegu
Esther Rosalind Sherrad

BACHELOR OF SCIENCE IN NURSING

Marilyn Elsie Bartz
Joann Cochran Booth
Beverly Jean Clements
Frances R. Curtin
Genevieve Ann Czarnecki

Mary Elizabeth Lambert
Pamela Ann Lippa
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Conan E. Fisher, Jr.
Judith Elaine Copley Forman
Marilyn June Forrest
Jack Francis

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Sonya Kiel Friedman
Marcia M. Gade
Daisy Lee Hamilton Gamble
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Patricia B. Georgoff
Shyrle Imber Gilbert
Violet Marie Gilbert

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Cleon Gilliam
Joseph B. Gingras
Roy Francis Giroux
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Neil Hayward
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Marvin Abraham Klavons
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Maria Kourtesis

E. Eugene Kress
Julian Eugene Krisyvicz
Sister Joan Marie Krolak
Dorothy Rotzkov Lakich
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Hazel Leola Abels
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Jay David Franklin
Edwin Charles Hoff

Harold Johnson
Jean Alice Kaiser
Eula Stephens Kelly
Thomas Lloyd

Dorothy J. Reidel
Ada Shenkar
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Osie McKinley Thornton, Jr.

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Mable Johnson

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Rosalie Ann Robson
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Lois Bonnie Kahrnoff
Jeanie Roslyn Kahus
Francine Sheila Kamin
Patricia Ann Katchman

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W. J. Spitzig
Linda E. Spooner

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Jacqueline Louise Brown
JoAnn Marie Builta
Gwendolyn E. Burrell
Evelyn Marie Cima

John Wesley Kendall
Lucile Engel Kimball
Charlotte L. Kloian
Marion Orth LaRonde
June Eve LaValley

Joanne Stewart
Annie Ruth Strickland
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Ruby Junita Tyus
Lois Viening

Suzanne Joyce Cole
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Larissa Martysz

Bella Wais
Sylvia Anna Wallace
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Rita Lili Williams

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Patricia Kay Fox
Mary Jo Francis
Madalen Frezel

Sally Beth Masserman
Hiltrud Albertine Maxey
Avon Lee Miller

Karen Kay Wisdom
Rudolf Wolf
Nina Susan Woolf

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Yvonne Emilie Aho
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Beatrice Banks
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Barry Lee Barter
Karl John Baschal

Marigail Bentzen
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Donald Frank Beesley
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Rosanne Berman
Mary Ann Szymanski Betts
Linda Kay Biddinger
Kathleen Ellen Biddle

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William Robert Campbell
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James F. Carr
Judith Ann Casemore

Winifred Ruth Cathey
James Taylor Catton
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Jean Glidden Cheger
Rosemary Christian

Nancy Lucille Chung
Esther Margolin Citrin
Mary Davidson Clark
Marlene Joyce Claya
Maurine Allanson Clifford

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Onilee J. Cody
David Allen Cohen
Donna Lee Comstock

Lora F. Cook
Thomas Charlesworth Corin
Ardith Cosart
Mary Coutsos
Jacquelyn Marie Cox

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Delma Lee Cunningham
Pauline Anne Seller Curtis

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Kay Ellison Darden
B. Sue Dawkins

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Dolores Ann Delaney
Carolyn M. Dempsey
Quentin A. Dentel
Arshaver Derbabian

Ramona M. DeRemer
Lois Fern Desow
Virginia Marie deSteiger
Ruth B. Dicey
Stewart Dilly

Bridget Sielaff Dubriwny
Geraldine Theresa Dugan
Shirley A. Duller
Gari Edelson
Julian A. Edwards, Jr.

Marie Estelle Edwards
Sheila Joan Eidelman
Ruth A. Eldredge
Susan Joy Elkin
David Arthur Elliston

Joyce L. Emme
Leroy Ervin, Jr.
Elsie Jeanne Espy
Esther Boyle Etechells
Joseph Ralph Eusebio

Breta L. Evans
Doris L. Evans
Marsha Olga Bachenko Ewart
Marian B. Falk
Barbara Ann Faudem

Marian Elizabeth Feehery
Margaret Feldman
Roberta Ann Fishman
Carol Fletcher
Kenneth Frank Follmer

Patricia Ann Fordell
Pearl Forst
Larry Lloyd Fortner
Herman Foster, Jr.
Armerion Ann Fowler

Lorna D. Fraley
Georgian Franczyk
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Kate Elizabeth Gaines
Carolyn Joan Gamble

Alice M. Garden
Raymond John Gardiner
Ivan Tillman Gaskill
Katrina Siretean Gergle
David Richard Gimbel

Sharon Barbara Ginsberg
Lucine J. Cuny Girard
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Beverly Jean Glus
Rosalie Gold

Bluma Florence Goldberg
Frances Elinor Golden
Suzanne Perlman Goldstein
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Mabel Dunbar Graham

Pamela J. Graham
LaVerta James Grant
Harriet Elzinga Green
Judith Ann Green
Cynthia Ann Grocholski

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Mady Habermann
Beverly Jean Jones Hammel

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Grace B. Hice
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Ione Ballweg Holt
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Hazel E. Ives
Marlene H. Jakubison
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CANDIDATES FOR DEGREES IN EDUCATION — Continued

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Alma Baakko Kivi
Joan Teresa Kiwak
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Sara Charlotte Miller
Elnor M. Milner

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Mary Julia Mogyorody
Irene Marie Montoya
Elizabeth Julia Moore
Percy Licardo Moore

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Francesca Moriconi
Lillian L. Mosen
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Peggy Ann Vroman Muir

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Shirley Novetsky
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Joann Nowak
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Nancy Lydia Radford

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Sharafudin Rehoie

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Joyce Ilmi Reynolds
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Verna Violette Rice
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H. Eleanor Sanquist
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Mable C. White Schwartz

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Nancy Barbara Shulman
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Sharon Silverstein
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Susan Lenore Singletree

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Dorothy Slivoski
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Marion Gloria Smith

Christine Smock
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Elisabeth Audrey Speight

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Ann Helen Page Stanley
Irma Joyce Starr
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Joyce Sorvari Stevens

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Leonard Elton Stubbs, Jr.
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Ireneusz Stefan Suchowski

Florence Martell Swan
Thomas Jerome Swider
Luba Ewdokia H. Szajenko
Susan Marie Taggert
Lester William Tally

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Marianne V. Tatroe
Margaret A. Taylor
Mary Lynch Taylor
Mabel Terrell

Helene Inez Thomas
Terrence R. Thomas
Wilson Edward Thompson, Jr.
Mary Elizabeth Tierney
Barbara Gene Toonder

Lydia Ruth Torrey
Sherryl Marlene Towery
Richard Glen Trevorarrow
Clarence Walter Trott
Warren George Troy

Bertha E. Lee Turner
Patrick Joseph Twiggs
Clara Evitts Ufferman
Edith Louise Ulbrich
Dianna B. Urban

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Harriett J. Walker
Joann Walkins
Shirley A. Warren
Hipolit John Waszelewski

Carole Jolayne Weber
Harvey Theodore Wechsler
Doreen Weiner
Susan Carol Weiner
Marjorie Weitzman

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Sharon E. Whiteford
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Joyce Ann Williams

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Mary A. Zdan

Sandra Helene Zide
Shirley Grace Zimberg
Wayne D. Ziobro
Jeannette Maumus Zummo

BACHELOR OF SCIENCE IN LIBRARY SCIENCE

Kay Z. Spor

Anna Laurette Tyus

BACHELOR OF SCIENCE IN RECREATION LEADERSHIP

Edward Joel Gerrity

Barbara Jean Lawrence

The appearance of a name on these lists is presumptive, but not conclusive evidence of graduation.

HONORARY ALUMNI

Morris Adler
Howard Hathaway Aiken
William Foxwell Albright
Paul Henson Appleby
Margaret Arnstein

Rukmini Devi Arundale
Howard Charles Baldwin
Lloyd Viel Berkner
Thomas Alvin Boyd
Arthur B. Bronwell

Prentiss Marsh Brown
Samuel Miller Brownell
Ralph Johnson Bunche
Harold William Burroughs
George Edward Bushnell

Henry Magnus Butzel
Melvin Calvin
Harvey James Campbell
Walter Frederick Carey
Florence Gertrude Cassidy

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Walker Lee Cisler
Edward N. Cole
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Avery Odelle Craven
Elizabeth Caroline Crosby
Selden Bennett Daume

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Richard Stanley Merrill Emrich

Athanas Paul Fontaine
James Harold Foote
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Josephine Fellows Gomon
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Loy Wesley Henderson
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Sol Hurok

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Mervin J. Kelly
William Kline Kelsey

Thamat Khoman
Pauline Park Wilson Knapp
Sebastian Sperring Kresge

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Donald Sparling Leonard
Theodore Levin
Dean McAllister Lierle
Robert Hill MacRae

Charles Henry Mahoney
Benjamin Raymond Marsh
Samuel Lyman Atwood Marshall
Thurgood Marshall
Frederick Carl Matthaei

Ruth Morgan McEvoy
Richard Harding McFeely
Ralph Emerson McGill
Douglas Murray McGregor
Harvey Milton Merker

Ludwig Mies van der Rohe
Catherine Morgan
Jack Andrew Morton
Karl Gunnar Myrdal
Harry Monroe Nelson

Allan Nevins
Chester William Nimitz
William John Norton
Paul Paray
Chad Joseph Raseman

Walter Philip Reuther
Edgar Preston Richardson
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Harry Milton Robins
Bernard Rogers

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Ralph Alanson Sawyer

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Karl Shapiro

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Charles Albert Sink

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Mildred Lucille Tuttle
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Oscar Webber
Richard Hudson Webber

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Minoru Yamasaki

ON CAPS, GOWNS, AND HOODS

One of the most colorful features of an academic procession is the appearance of the graduates, the faculty, members of the governing board, and guests of the University in fully academic costume. These caps, gowns, and hoods have long histories and their patterns and colors have special significance.

The gown recalls the time when all students in centers of higher learning were clerics, that is, members of the clergy, and therefore wore the garments which the Church considered proper for them.

The custom of wearing a cap comes from the Roman usage of conferring the right to wear a cap upon slaves when they were granted their freedom. At Scottish universities, such as St. Andrews, doctors are created by a ceremony called "capping" in which caps are placed on their heads.

In modern universities, the distinctive mark of a degree is the hood. In its earliest form, the hood was simply an article of wearing apparel. The churches and lecture halls of European universities were cold, drafty places, so scholars wore hoods merely as head coverings, sometimes attached to a cape, sometimes worn separately.

American universities, unlike those of England and Europe, have adopted a standard code of academic costume. The cut and material of the gown, the color of the tassel on the cap, and the pattern and colors of the hood all have special significance.

Each person who is to receive a degree wears the gown appropriate to the degree to be granted. If he already holds a degree, he wears the hood of that degree, not the one he is to receive.

Bachelors' gowns are closed at the throat and have long, pointed sleeves. Masters' gowns are open in the front and have long sleeves, square and closed at the end, the arms coming through slits near the elbow. Doctors' gowns are faced with velvet and have full, round sleeves. Each sleeve carries three bars of velvet, called chevrons.

The most colorful part of the costume is the hood. The color of the lining identifies the university which granted the highest degree held by the wearer. The color of the velvet trim indicates the faculty or department of learning in which the degree was earned.

The following table lists the color appropriate to each of the different branches of learning:

APRICOT	NURSING
BROWN	FINE ARTS
BLUE-LIGHT	EDUCATION
BLUE-DARK	PHILOSOPHY
CITRON	SOCIAL WORK
COPPER	ECONOMICS
DRAB	BUSINESS ADMINISTRATION
GOLD-YELLOW	SCIENCE
GREEN	MEDICINE
GREEN-SAGE	PHYSICAL EDUCATION
LEMON	LIBRARY SCIENCE
OLIVE	PHARMACY
ORANGE	ENGINEERING
PINK	MUSIC
PURPLE	LAW
SALMON	PUBLIC HEALTH
SILVER GRAY	ORATORY
WHITE	ARTS AND LETTERS

WAYNE STATE UNIVERSITY
INTER-DEPARTMENT MEMORANDUM

SUBJECT: Correction to the Commencement Program for June, 1963
FROM: E.A. Platt, Registrar - refer to Hedy Whitman
TO: Carolyn Mayer, University Archives
DATE: August 23, 1963

Please make the following corrections for the June, 1963 Commencement Program:

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Add: Patrick James O'Hara

BACHELOR OF SCIENCE IN EDUCATION

Add: Kay Ellison Darden

CORRECTIONS TO THE
COMMENCEMENT PROGRAM
JUNE, 1963

CORRECTIONS TO THE COMMENCEMENT PROGRAM

JUNE, 1963

COLLEGE OF MEDICINE

MASTER OF SCIENCE

Delete: Herbert Lee Lenon
Delete: Jeffrey S. Life

Delete: Harold Edward Oemke

LAW SCHOOL

JURIS DOCTOR

Add: Alexander M. Butcher
Add: Richard Weber

BACHELOR OF LAWS

Delete: Alexander M. Butcher
Delete: Richard Weber

COLLEGE OF ENGINEERING

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Delete: Raymond J. Tevlin

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Delete: Emil C. Comsia

The following did not graduate with distinction:

Delete:* ~~F~~Frank William Bliss

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Delete: Nikola Nedeljkovic

COLLEGE OF PHARMACY

BACHELOR OF SCIENCE IN PHARMACY

Delete: Atanas A. Dohcheff
Delete: Charles W. Sanders
Delete: Marvin Coppedge Sayles

The following did not graduate with distinction:

Delete:* ~~G~~Gerald Eugene Bodendistel

COLLEGE OF NURSING

BACHELOR OF SCIENCE IN NURSING

The following graduated with distinction:

Add:* *Beverly Jean Clements
Add:* *Evelyn Ruth Phillips

SCHOOL OF BUSINESS ADMINISTRATION

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Delete: Madeleine Carol Griswold
Delete: Jerrel Thomas Norman, Jr.
Delete: Berthold A. Richardson

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Delete: Lloyd F. Andre'
Delete: Prithviraj Chitnis
Delete: Theodore Anthony Henning
Delete: Frank Michael Lusebrink
Delete: William Douglas Middleton
Delete: James David Mulla
~~Delete: Patrick James O'Hara~~
Delete: Donald John Prush
Delete: Thomas Penri Thomas
Delete: Thomas R. Urban
Delete: Ernst W. Voss
Delete: Kenneth Rennie Woodworth

Add: Jerrel Thomas Norman, Jr.
Add: Berthold A. Richardson

The following did not graduate with distinction:

Delete:* *Anthony Hermon Cook

MONTEITH COLLEGE

BACHELOR OF ARTS

Delete: Lee Meyer Burke
Delete: Bruce B. Dicey
Delete: Eleanor Kate Wright

The following did not graduate with distinction:

Delete:* *Janet Kay Buckholz

BACHELOR OF PHILOSOPHY

Delete: Stephen W. Earl
Delete: Judith Ann Eisele
Delete: Marvin Fishman
Delete: Linda Frizzelle
Delete: Michael Samuel Goldman
Delete: Ernest Eugene Hiltz
Delete: Karen Lynn Johnson
Delete: James William Karolyi
Delete: Jack P. Lifton
Delete: Joanne M. Rosenthal
Delete: Joan Margaret Scott
Delete: Timothy William Tindall

The following did not graduate with distinction:

Delete:* *Sarah Elizabeth Baldy

COLLEGE OF LIBERAL ARTS

MASTER OF ARTS

Delete: Larry Allen Frazier
Delete: William K. Owen, Jr.

Delete: Harold Joseph Scott

BACHELOR OF ARTS

Delete: Rupert Norman Aleong
Delete: Dale William Anderson
Delete: Della Mary Bird
Delete: ~~Nancy Joyce~~ Chmielewski
Delete: Ila M. Coleman
Delete: Dayton Z. Dalley, Jr.
Delete: Hildegard E. Duerr
Delete: Cass W. Gaska
Delete: J. Robert Graham
Delete: Remona Ann Green
Delete: Roger Kent Haboush
Delete: Emily J. Hannan
Delete: Earless Harrison, Jr.
Delete: Jalil N. Hazrati
Delete: George Hiram Hill
Delete: W. Bruce Holden
Delete: J. Daniel La Course
Delete: Marie Manoogian
Delete: Noral Edwin McNeely
Delete: Daniel E. Moriarity
Delete: Richard S. Nathans
Delete: Dennis Leigh Ollerman
Delete: Andris Ozols
Delete: Carol Nadine Parker
Delete: Oscar Paskal
Delete: Robert DeLorme Pope
Delete: Vicki Lebow Rodgers
Delete: Celi Inez Rodriguez
Delete: Michael Arthur Roth

Delete: Phillip Casmer Serwick
Delete: Norman Shiffman
Delete: Louis Joseph Slyker
Delete: Marcia Hope Smith
Delete: Kenneth McCallum Smythe
Delete: Nina Pearl Sprecher
Delete: Anna Louise Stonehouse
Delete: Ronald Brian Weber
Delete: James Wilson
Delete: Sanford E. Wuntner

Add: Barbara Burstein

The following graduated with distinction:

Add:* *Angelo Aulensi
Add:* *Anita Joy Enkel
Add:* *Michaelyn Jackel
Add:* *Mateja Matejic

The following did not graduate with distinction:

Delete:* *Gudrun Marianne P. Babicki
Delete:* *Hiram Sander Grossman
Delete:* *Paul Matoff
Delete:* *Harold Dunham Peters

BACHELOR OF FINE ARTS

The following did not graduate with distinction:

Delete:* *Sallie A. Engel

BACHELOR OF SCIENCE

Delete: Mart Theodore Baumgartner
Delete: William Allen Brown
Delete: Dana Lynn Evans
Delete: Stephen David Gorelick
Delete: Roger Lee Joseph Lancina
Delete: Donald K. Madison
Delete: Nancy Charlene Monroe
Delete: Gordon F. Paesani
Delete: David George Penney
Delete: Silvija Anna Rudzitis
Delete: Gertrude Helena Spitzbarth

Add: Stuart Goodstein
Add: Michael Arthur Roth

The following did not graduate with distinction:

Delete:* *Thomas Austin Chapel
Delete:* *Milton G. Mutchnick

BACHELOR OF SCIENCE IN CHEMISTRY

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MASTER OF EDUCATION

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 Delete: Nick S. Nicolas
 Delete: Catherine Melina I. Raynal
 Delete: Kathryn G. Reddick
 Delete: William Knapp Robinett
 Delete: Shirley Ann Settles
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 Delete: John William Weber
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MASTER OF ARTS IN TEACHING

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 Delete: Martha Carmon Blaine
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~~Delete: Kay Ellison Darden~~
 Delete: Carol H. Degen
 Delete: Mady Habermann
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 Delete: Sara Charlotte Miller
 Delete: Theresa H. Nowicki
 Delete: Alice Catherine Petroski
 Delete: Marilyn Ann Querciagrossa
 Delete: Janet Noble Schreiman
~~Delete: Eugene Seals, Jr.~~
 Delete: Karen Ellen Savigny
 Delete: Grace Bartholomew Shannon

Delete: Loraine Hirschman Shapiro
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Delete: Janette H. Yates

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WAYNE STATE

UNIVERSITY

COMMENCEMENT



DECEMBER 15, 1963
COBO HALL — CONVENTION ARENA

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Rupert L. Cortright, Marshal

The Wayne State University Band under the direction of Angelo M. Cucci

The marshals and ushers serving during this commencement exercise are undergraduate students of the University

HYMN TO WAYNE

To thee, our Alma Mater,
Homage we bring.
Brave hearts raise grateful voices
Thy praise to sing.

Young art thou, young and strong;
Renowned shalt thou live, and long;
Honors to thee will throng—
And Fame to thee cling.

We laud thee, Alma Mater,
Guardian of Right.
Thou art our guide, our mentor—
Thy name shines bright.
Keep Learning's light aflame,
And hold Truth a sacred name,
Honor, thy steadfast aim.
All hail to thy might!

—Nicholas Stanley Oates '29

ORDER OF EXERCISES

OVERTURE

A Festival Prelude

Reed

PROCESSIONAL

The Host of Youth

Guentzel

(The audience is requested to remain seated until asked to rise by the Marshal.)

THE NATIONAL ANTHEM

INVOCATION

The Reverend Selwyn Smith, D.D., Executive Director,
Detroit Association of American Baptist Churches

FOREWORD

The Honorable Thomas B. Adams, Wayne State University Board of Governors

THE CONFERRING OF THE HONORARY DEGREES

Clarence B. Hilberry, Ph.D., L.H.D., LL.D., Sc.D., President of the University

THE CONFERRING OF THE ACADEMIC DEGREES

WELCOME TO THE ALUMNI ASSOCIATION

Charles E. Brake, Ed.D., President, Wayne State University Alumni Association

HYMN TO WAYNE

deTar '27

(The audience is requested to rise for the singing of the Hymn
and to remain standing until the Recessional is completed.)

BENEDICTION

RECESSIONAL

University Grand March

Goldman

CANDIDATES FOR HONORARY DEGREES

FOR THE HONORARY DEGREES

Winfred A. Harbison, Ph.D., Vice President for Academic Administration

DOCTOR OF HUMANITIES

JOHN CIARDI
A.B., M.A.

Escort: Dr. Emerson R. Marks

Beginning with his first volume of verse, *Homeward to America*, John Ciardi has enriched American letters as poet, critic, teacher and editor, and as translator of Dante. His receipt of the University of Michigan's Avery Hopwood Award, *Poetry Magazine's* Blumenthal, Tietjens Memorial, and Levinson prizes, and the Prix de Rome attests to the quality of his poetry, now totaling ten published volumes. He is a Fellow of the American Academy of Arts and Sciences and of the National Institute of Arts and Letters.

An outspoken foe of the meretricious and the slovenly, John Ciardi has in his various capacities defended on many fronts the cause of honest poetic craftsmanship. In the university classrooms of Kansas City and Harvard and Rutgers, at the Salzburg Seminar in American Studies, at the Bread Loaf Writers Conference, in the columns of the *Saturday Review*, on radio and television, in the public lecture hall, his has been a powerful voice in the support of the truly creative and meritorious in modern poetry.

In honoring John Ciardi, Wayne State University salutes a skilled artist and a devoted servant of art.

CHARLES EVAN FEINBERG

Escort: Dr. Harold A. Basilius

Charles Evan Feinberg, successful businessman, bibliophile, collector, true connoisseur of the book, has brought together extensive collections of nineteenth and twentieth century American and British writers. His Walt Whitman holdings are the finest Whitman collection in the world and his vast knowledge of Walt Whitman's life and poetry has earned him an enviable reputation as a respected scholar at home and abroad.

Generous of his time and great collections, he has made available to libraries and institutions of higher learning the benefit of his scholarship and prized literary holdings. His deep interest and support have furthered the achievements of the Friends of the Detroit Public Library and of the Friends of the University of Detroit Library. His distribution throughout the world to stations of the United States Information Agency of the *Walt Whitman Review*, which he serves as co-editor, has immeasurably enhanced the cultural reputation of our country.

Wayne State University is pleased and proud to honor Charles Evan Feinberg for his many and varied contributions to the world of learning and for his dedicated service to the cultural life of the community.

CANDIDATES FOR HONORARY DEGREES—Continued

DOCTOR OF HUMANITIES—Continued

MARTHA GRAHAM

Escort: Dr. Bernard M. Goldman

Transforming a theatrical diversion into a dramatic art form, Martha Graham has established dance not only as an extension of her unique personality, but also as a new concept, as an expressive idiom that has profoundly influenced and molded the aesthetics and composition of dance today. In one of the major revolutions in modern art, she withdrew from the romantic tradition and formalized conventions of classical ballet to redefine the structure and content of the dance medium.

Her dance compositions based on American folk patterns and the work of Emily Dickinson have expressed her American heritage as perhaps the brooding, dramatic power of her art derives from her Irish inheritance.

Dedicated to her exacting discipline and uncompromising in her artistry, she nonetheless made plain her belief in the social responsibility of the artist by refusing, in 1936, the honors which were extended to her by the Nazi regime.

Wayne State University honors Martha Graham as dancer, teacher, choreographer but primarily as a creative artist giving form and meaning to the human experience.

LOUIS HORST

Escort: Miss Ruth L. Murray

As musician, artistic advisor, teacher, editor, critic and author, Louis Horst has influenced immeasurably the careers of leading modern dancers who have set out on new paths of creativeness in this age-old art. The breadth and depth of his knowledge of music literature, his skill as a composer for dance, and his insistence on principles of artistic integrity helped Martha Graham during the years of their association to reach her present eminence in the art of dance.

Throughout his long editorship of the magazine "Dance Observer" which he founded thirty years ago, Louis Horst has maintained the scholarly tone of its articles and critical reviews. His books on dance composition and his classes at the New York Neighborhood Playhouse, the Martha Graham Studio, the Juilliard School of Music, and his instruction at summer sessions at Bennington College and Connecticut College have made teachers of dance in colleges and universities his admiring and indebted students. His inspired teaching has had a direct bearing on the quality of choreography and college dance production in this country.

Wayne State University is honored to extend its recognition to the illustrious dean of American Dance.

CANDIDATES FOR DOCTORAL DEGREES

From the Graduate Division

Randall M. Whaley, Ph.D., Vice President
for Graduate Studies and Research

DOCTOR OF PHILOSOPHY

SAADIA ABDEL-LATIF IBRAHIM ALLAM, B.S., 1958, Alexandria University
Dissertation Title: "The Radiochemistry of Iron."
Adviser: Dr. Richard Hahn

JAMES W. BAILEY, B.S., 1952, Long Island University; M.A., 1956, Wayne State University
Dissertation Title: "The Development of a Moral Ideal in the Barset and Parliamentary Novels of Anthony Trollope."
Adviser: Dr. Keith Hollingsworth

MAUREEN ANN BAILEY, A.B., 1955, M.A., 1960, Wayne State University
Dissertation Title: "Toxemia of Pregnancy: Cognitive and Emotional Effects in Children from Consistent and Non-Consistent Environments."
Adviser: Dr. Gerald Rosenbaum

GRANT BOGUE, B.A., 1950, M.A., 1954, Michigan State University
Dissertation Title: "Segregation and Discrimination in a Small Northern City."
Adviser: Dr. Mel Ravitz

SUE CHEER, B.S., 1960, Wayne State University
Dissertation Title: "Studies on the Effects of Mitomycin C on Enzyme Synthesis in *E. Coli.*"
Adviser: Dr. Tche Tchen

ROBERT ALTON DAUGHERTY, B.S., 1950, East Carolina College; M.S., 1956, University of North Carolina
Dissertation Title: "Perceiving One's Own Performance Level as a Function of Cognitive Control and Motivation."
Adviser: Dr. Ross Stagner

WILLIAM GRADY FIELDS, B.A., 1959, M.A., 1961, University of Texas
Dissertation Title: "Genetic Investigations of Speciation in the *Sordaria Heterothallis* Complex."
Adviser: Dr. James Maniotis

DONALD PAUL GARNER, B.A., 1951, Harding College; M.A., 1953, Kent State University
Dissertation Title: "George S. Benson: Conservative, Anti-Communist, Pro-Americanism Speaker."
Adviser: Dr. George Bohman

GARY M. GOLDENBERG, B.S., 1959, University of Wisconsin; M.A., 1961, Wayne State University
Dissertation Title: "An Investigation of Primary-Process Thinking in the Manifest Dream Report."
Adviser: Dr. B. Frank Auld, Jr.

GARY GUMPert, B.S., 1955, Temple University; M.A., 1956, Michigan State University
Dissertation Title: "Television Theatre as an Art Form."
Adviser: Dr. Lee Dreyfus

RUDOLPH MAX HAAS, B.S., 1955, M.S., 1959, Wayne State University
Dissertation Title: "An Investigation of the Photochemistry of the Uranyl-Uranous System in Aldehydes."
Adviser: Dr. Karl Gayer

JOAN HACKETT, B.S., 1946, Northwestern University; M.A., 1951, Michigan State University
Dissertation Title: "A Study of the Educational Theatre Tours Sponsored by the President's Special International Program for Cultural Presentations, 1957-1960."
Adviser: Dr. Eugene Bahn

CANDIDATES FOR DOCTORAL DEGREES—Continued

- JOHN ALAN HARTMAN, B.S., 1946, University of Toledo; M.S., 1955, Wayne State University
Dissertation Title: "Approaches to the Synthesis of Psi-Santonin."
Adviser: Dr. David Goldsmith
- CHARLES LOYD HOLT, B.A., 1950, M.A., 1952, University of Kansas City
Dissertation Title: "The Musical Dramaturgy of Bernard Shaw."
Adviser: Dr. Alfred Schwarz
- ~~NORMAN H. HORWITZ, B.S., 1948, M.S., 1949, Wayne State University
Dissertation Title: "Ultrasonic Attenuation in Several Superconductors."
Adviser: Dr. Henry Bohn~~
- JOEL E. HUBER, B.S., 1958, Canisius College; M.S., 1961, Wayne State University
Dissertation Title: "The Tricyclo 2.2.2.0^{2,6} Octan-3-ols: Preparation and Reactivity Studies."
Adviser: Dr. Norman LeBel
- MELVIN F. JANOWITZ, B.A., 1950, University of Minnesota
Dissertation Title: "Quantifiers on Quasi-Orthomodular Lattices."
Adviser: Dr. David Foulis
- WILLIAM HENRY KOOISTRA, A.B., 1957, Calvin College
Dissertation Title: "Developmental Trends in the Attainment of Conservation, Transitivity, and Relativism in the Thinking of Children: A Replication and Extension of Piaget's Ontogenetic Formulations."
Adviser: Dr. Kenneth Davidson
- JOHN WILLIAM LAWRIE, B.A., 1956, Beloit College; M.B.A., 1959, University of Michigan
Dissertation Title: "Evaluation of Role Occupants as a Function of Role Expectation Reciprocity."
Adviser: Dr. Ross Stagner
- TONG JOE LIN, B.S., 1957, University of California; M.S., 1959, University of Washington
Dissertation Title: "Gas Bubble Entrainment by Plunging Laminar Liquid Jets."
Adviser: Dr. Harold Donnelly
- YOUNG KING LIU, B.S., 1955, Bradley University; M.S., 1959, University of Wisconsin
Dissertation Title: "The Dynamic Response of Nonlinear Systems Studied by the Method of Ultraspherical Polynomial Approximation."
Adviser: Dr. Ju Pei Lee
- CAROL JEAN LUSTY, B.S., 1958, University of Michigan
Dissertation Title: "DPNH Dehydrogenase and Lipoyl Dehydrogenase from Liver Mitochondria."
Adviser: Dr. Thomas Singer
- OTHO KELLY McFARLAND, Jr., B.S., 1952, M.S., 1957, Loyola University
Dissertation Title: "Utilization of Tricaprylmethylammonium Thiocyanate as a Selective Extraction Agent in the Spectrophotometric Determination of Cobalt and Molybdenum."
Adviser: Dr. David Boltz
- PATRICIA O'DONNELL McKENZIE, B.S., 1955, M.B.A., 1956, University of Detroit
Dissertation Title: "Some Aspects of the Detroit Bank Crisis of 1933."
Adviser: Dr. Lawrence Seltzer
- MARY ANN MILLER, B.S., 1959, University of Michigan
Dissertation Title: "Theoretical Calculation of the Ultra Violet Spectra of Unsaturated Hydrocarbons."
Adviser: Dr. Norman Allinger
- HARVEY NUSSBAUM, A.B., 1956, Brooklyn College
Dissertation Title: "Systems and Non-Systems Engineers: An Exploratory Study of Discriminating Characteristics."
Adviser: Dr. Hjalmar Rosen

CANDIDATES FOR DOCTORAL DEGREES—Continued

- THEODORE ROOSEVELT POOLE, B.S., 1952, Morgan State College; M.S., 1957, Wayne State University**
Dissertation Title: "A Potentiometric Study of Copper(II) Ion—N,N,N',N'-tetrakis-(2-hydroxypropyl) ethylenediamine and N,N,N',N'-tetrakis-(2-hydroxyethyl) Ethylenediamine Complexes."
Adviser: Dr. Karl Gayer
- KASHINATH SHANKAR SARDESSAI, B.S., 1955, University of Bombay**
Dissertation Title: "Synthetic Approaches to Terpenoids."
Adviser: Dr. Norman LeBel
- RICHARD P. SHORE, A.B., 1951, M.A., 1953, Wayne State University**
Dissertation Title: "The Role of the Labor Arbitrator: An Exploratory Analysis."
Adviser: Dr. Hjalmar Rosen
- HERMAN RUSSELL SILBIGER, B.S.C.F., 1954, Ohio University; M.A., 1962, Wayne State University**
Dissertation Title: "Auditory Threshold Location and Uncertainty as a Function of Tone Parameters and Fatigue."
Adviser: Dr. Donald Elliott
- PAUL H. SKINNER, B.S., 1957, M.A., 1958, Ball State Teachers College**
Dissertation Title: "Time-Order Error in Pitch-Equality Perception in Sensory-Neural Hearing Loss."
Adviser: Dr. John Gaeth
- RUTH H. SPRAGUE, B.S., 1943, M.P.H., 1947, University of Minnesota; M.Ed., 1957, Wayne State University**
Dissertation Title: "Learning Difficulties of First Grade Children Diagnosed by the Frostig Visual Perceptual Tests: A Factor Analytic Study."
Adviser: Dr. William Reitz
- LANGLEY A. SPURLOCK, B.S., 1959, West Virginia State College**
Dissertation Title: "Studies in the Bicyclo(3.2.1)Octane Series."
Adviser: Dr. Normal LeBel
- LUCILLE HAWKINS TUNSTALL, B.S., 1943, University of Colorado; M.S., 1959, Wayne State University**
Dissertation Title: "Microbiological Studies on Pleural Fluids of Coronary Thrombosis Patients."
Adviser: Dr. Lida Mattman
- FLOYD MILTON WYLIE, Jr., A.B., 1958, M.A., 1960, Wayne State University**
Dissertation Title: "An Investigation of Some Aspects of Creativity of Jazz Musicians."
Adviser: Dr. Eli Saltz
- ALLEN M. ZELTZER, A.B., 1940, M.A., 1941, Wayne State University**
Dissertation Title: "An Analysis of the Administration of Educational Television in Selected Accredited Institutions of Higher Learning."
Adviser: Dr. James Tintera

MR. PRESIDENT

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JOHN CIARDI

for the degree of

DOCTOR OF HUMANITIES

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CANDIDATES FOR DOCTORAL DEGREES—Continued

From the College of Education

Francis C. Rosecrance, Ph.D., Dean

DOCTOR OF EDUCATION

- JAMIL GEORGE ANTON**, License in English Literature (Bach. Equiv.), 1949, Higher Teachers Training College; M.Ed., 1960, Wayne State University
Dissertation Title: "Proposals for Developing and Promoting the Parent-Teacher Association Movement in Iraq."
Adviser: Dr. George Miller
- MORRIS BETTER**, B.S. in Ed., 1946, M.Ed., 1949, Wayne State University
Dissertation Title: "An Analysis of Attitude Modifications Toward Educational Assumptions by Prospective Secondary Teachers in a Teacher Training Experience."
Adviser: Dr. Earl C. Kelley
- NATIVIDAD BONOAN DIMAYA**, B.S., in Ed., 1950, University of the Philippines; M.A., 1955, University of Michigan; M.Ed., 1957, Wayne State University
Dissertation Title: "An Analytical Study of the Self Concept of Hospitalized Patients with Hansen's Disease."
Adviser: Dr. William Evraiff
- GEORGE DONOIAN**, B.A. in Ed., 1954, M.Ed., 1955, Wayne State University
Dissertation Title: "A Study of Self-Perception: An Assessment of the Changes in the Modes of Thinking Among a Selected Group of Teachers Over a Period of Time."
Adviser: Dr. Earl C. Kelley
- RAYMOND ERNATT**, B.S. in Ed., 1950, M.Ed., 1952, Wayne State University
Dissertation Title: "A Survey of Pupils' Attitudes Toward Intergrade Ability Grouping for Reading Instruction."
Adviser: Dr. Ruth Ellsworth
- ~~**KARL JOHN JACOBS**, A.B., 1952, Central Michigan University; A.M., 1953, University of Michigan
Dissertation Title: "Selected Demographic, Socio-Economic, and Political Characteristics Correlated with Financial Support of the Community College in Two Detroit Metropolitan Areas."
Adviser: Dr. W. Ray Smith~~
- GIDEON R. JONES**, B.S. in Ed., 1949, N.W. Missouri State Teachers College; M.Ed., 1954, Washington University
Dissertation Title: "Some Factors Affecting Mobility of Blind Adolescent Boys."
Adviser: Dr. Gwen Retherford
- BENJAMIN WRIGHT JORDAN**, B.S., 1951, Memphis State College; M.A., 1953, Memphis State College
Dissertation Title: "Off-Campus Teacher Education Programs in Wayne State University."
Adviser: Dr. Warren E. Gauerke
- HAROLD T. KARBAL**, A.B., 1946, Wayne State University; M.A., 1947, Columbia University Teachers College
Dissertation Title: "The Effectiveness of a Workshop as a Means of In-Service Education of Teachers."
Adviser: Dr. Ruth Ellsworth
- ANDREW JOHN MIKUS**, A.B., 1950, M.A., 1955, Wayne State University
Dissertation Title: "Universal and Global Conceptions and the Teaching of World History."
Adviser: Dr. Henry Herrmann
- GENEVIEVE MORGER**, A.B., 1939, M.Ed., 1948, Wayne State University
Dissertation Title: "An Evaluation of the Status of Block-Time and Core Teaching in Michigan, 1958-1960."
Adviser: Dr. Earl C. Kelley
- RICHARD WILLIAMS MORSHEAD**, B.S. in Ed., 1954, M.Ed., 1956, Wayne State University
Dissertation Title: "Toward an Educational Conception of Mental."
Adviser: Dr. Nathaniel L. Champlin

CANDIDATES FOR DOCTORAL DEGREES—Continued

BETTY ANN RITZENHEIN, B.S., in Ed., 1942, M. Ed., 1945, Wayne State University
Dissertation Title: "Survey of Personnel Perceptions of Selected Factors in Non Graded Programs in Eight Detroit Elementary Schools."
Adviser: Dr. Thomas Stone

LOUIS H. STOLLER, B.A., 1934, M. Ed., 1942, Wayne State University
Dissertation Title: "A Projected New Plan for Laboratory Experience in Teacher Education in the Wayne State University — Detroit Public Schools Complex."
Adviser: Dr. Thomas Stone

WAYNE VanZANDT, A.B., 1936, Western Michigan College; M.A., 1939, Kalamazoo College
Dissertation Title: "A Study of Some Home Family — Community Factors Related to Children's Achievement in Reading in an Elementary School."
Adviser: Dr. Ruth Ellsworth

SHIRLEY CAROLINE WENDT, B.A. in Ed., 1946, M. Ed., 1951, Wayne State University
Dissertation Title: "A Survey of the Educational Backgrounds and the Problems Met by a Selected Group of Elementary Teachers Teaching Social Studies in Homeroom in a Metropolitan Area."
Adviser: Dr. Charlotte Junge

CANDIDATES FOR DEGREES IN MEDICINE

From the College of Medicine

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Robert G. Stefanek

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William Charles Frank

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Ronald Leo Baudendistel

Ralph Gilles Marosi

G. E. Plotzer

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BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Robert Edward Brokenshire

Roger G. Hewlett

Robert Edward George Lagodny, Jr.

David Leo Gamache

Siegfried W. Hoenes

Tat Hing Leung

Daniel J. Hajduk

Michael S. Karamihas

Ihor Melnykowycz

George Leroy Harm

Dennis Kefalonitis

Nikola Nedeljkovic

Earl Robert Hendrickson

Joseph S. Komjathy

Algis Zaparackas

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

~~Richard Clayton Deaking~~

E. H. Sanders

Edward Joseph Violante

Kenneth Clark Milner

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From the College of Pharmacy

Stephen Wilson, Ph.D., Dean

BACHELOR OF SCIENCE IN PHARMACY

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Thomas James Fredal
Wilhelmina M. Fylypiw
Allan Klein

Donald Barry Leitman
William Carl Rachwal
Charles W. Sanders
~~Martin G. Sayles~~

Richard Edward Siskosky
Gary John Soltys
*Bernard Tucker

CANDIDATES FOR DEGREES IN NURSING

From the College of Nursing

Katharine E. Faville, R.N., M.S., Dean

MASTER OF SCIENCE IN NURSING

Eleanor Virginia Baker
Louise Theresa Bartos
Irene Thereza Bartosiewicz
Lucy Marie Brand
Evelina Darlington

Diana Jean Downs
Donna Anne Jablonski
Wilma Jean Jackson
Lena M. Johnson
Marie Therese Maurice

~~Mary Ann Michor~~
Jewel Marlene Monroe
Dolores Santora
Margaret M. Taylor
Ann M. Tenpenny

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Rosemary Evelyn Bell
Jean Marie Bourlier
Barbara Lovinia Burrell
Linda Catherine Carnago

Joyce Ann Gardner

Angela Josephine LeLek
Louise Ashley Marshall
Clara Jackson McCann
Patricia Ann McErlain
Gail Marilyn McNally

Margaret Louise Thebert Sahlin
Bonnie Mae Wall
*Ann Louise Whall
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*In the several colleges and schools of the University where it is customary to recognize outstanding achievement with special notice, an asterisk before a candidate's name denotes attainment of a high scholastic average. The official list of graduates cited for "distinction" or "high distinction" will be compiled subsequently and their diplomas will carry the appropriate notation. This practice is not observed in the College of Education or at the Graduate level.

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Joseph Anthony Maltese
Marlene Marilyn Manchester
Walter Irwin Marriott

Esther Lydia Martin
Ann Laurine Mason
Dolores Marie Maxey
Goldie Girdler McCann
Grace Elizabeth McCarten

Paul John McElligatt
Bonnie Maureen McGann
Marvin McKinney
Rose Anne McManus
Mickey Layle McWilliams

Eugene A. Michels
Elizabeth Win Miller
Marianne Jaye Miller
Marion Miller
Sara Charlotte Miller

Sharlene Ruth Minus
Annette Mitz
Charles Richard Moon
~~Gerald Frederick Moots~~
Mary Ann Morandi

Mary Elizabeth Moss
Betty Renas Nast
Nancy Neely
Sarah Alzofon Nichamin
Kay Ninomiya

Bernice Thelma Dustin Niver
Richard Carl Noechel
Beverly Lynne Norbury
Theresa H. Nowicki
Lida Jane Olmstead

Charles Delorm Opperman
Genevieve Ila Palmateer
James Edward Palonis
Roma J. Pappin
Judith Louise Parker

Irene Pastorek
David Gregory Patten
Allan Edward Pearson
Darline Sarah Pearson
Carole Ann Peters

Elizabeth Lowney Peterson
Frances Tank Peterson
Alice Catherine Petroski
Norma N. Pettit
Sophie S. Prag

~~Kenneth G. Probst~~
Gloria Elaine Price
Marilyn Ann Querciagrossa
Rosalind Radin
Ruthann Iris Reitz

Jean D. Rice
~~June R. Riden~~
Dorothy Charlotte Robinson
Linda Helen Rubenstein
Donna Minette Rubin

Robert Dale Russell
Lorraine P. Saar
Lynne Irene Saperstein
Ruth H. Saxon
Bernice Krieg Schneider

Wesley B. Schram
Janet Noble Schreiman
~~Karen Ellen Sevigny~~
Elaine Theresa Shaffer
~~Grace Bartholomew Shannon~~

Shirley J. Shell
Evelyn Cooley Sherwood
Douglas Leo Shonk
Tina Shriman
Florence C. Shulman

Shirley Hannah Silverman
Taissa Louise Silvers
Lois Phyllis Aidem Simon
Rosslyn Levy Simon
Eleanor Devine Simowski

Violet Sims
Dennis Elliott Smith
Faythe Alycia Smith
Jacquelyn Rita Smith
Lois E. Garton Smith

Theodore John Smith
Robert E. Snow
Kathleen Anne Sokol
Jane Carolyn Sorrell
Ellen Spector

James Henry Spivey
James Leon Staples
Anne B. Stedman
Patricia Rae Steffes
Judith Ann Sternberg

Helen Black Stine
Rhea Jeannine Sullivan
Noreen Alice Suttmilller
Lita Marie Swanson
Jean W. Taylor

William John Thompson
Kathryn Proffitt Tick
Eleanor Marie Bruck Turner
Bobbie Helen Hosey Tyler
Sonia Tyrpak

Lena Jane Tilford

CANDIDATES FOR DEGREES IN EDUCATION—Continued

Carolyn Verna VanSickle
Susan Verble
Joan Vernon
James Andrew Vivian
~~Arlene Voelker~~

Dorothy Jane Wagner
Noreen Sheila Wagner
Barbara Jean Wallace
Evelyn T. Wasson
Betty Jean S. Webb

Helen Weingarden
Elizabeth B. Weiss
Dorothy Little Weldon
Barbara Ann Wenzel
Donna Mae White

Charles Robert Whitlock
Doreen Wiener
Carol Ann Wiersma
Joyce Roberts Williams
Nathan Arnold Williams

Mildred Julie Wodkowski
Herbert B. Wright
~~Janette H. Yates~~
Eugenia Ann Yavorsky
Phyllis L. Yelick

Judith Miriam Zalman
Norman Marian Zamczyk
Ellen Carrol Zaremba
Joseph Zelenka

BACHELOR OF SCIENCE IN LIBRARY SCIENCE

Mary Gail Marshall

BACHELOR OF SCIENCE IN RECREATION LEADERSHIP

James Jennings Ham
Nedra Elayne Sperry

Carole Lynne Stoneking

Harriet Ann Weatherly

The appearance of a name on these lists is presumptive, but not conclusive evidence of graduation.

HONORARY ALUMNI

Morris Adler
Howard Hathaway Aiken
William Foxwell Albright
Margaret Arnstein
Rukmini Devi Arundale

Howard Charles Baldwin
Lloyd Viel Berkner
Thomas Alvin Boyd
Arthur B. Bronwell
Prentiss Marsh Brown

Samuel Miller Brownell
Ralph Johnson Bunche
Harold William Burroughs
George Edward Bushnell
Henry Magnus Butzel

Melvin Calvin
Harvey James Campbell
Walter Frederick Carey
Florence Gertrude Cassidy
Bruce Catton

John Challis
Walker Lee Cisler
Edward N. Cole
Paul Coremans
Stuart Appleton Curtis

Selden B. Crary
Avery Odelle Craven
Elizabeth Caroline Crosby
Selden Bennett Daume
Derek Ernest Denny-Brown

John George Diefenbaker
Joseph Morrell Dodge
Percival Dodge
Marcel Duchamp
Gerald Ernest Eddy

Martha May Eliot
Eugene Bradley Elliott
John Richard Emens
Richard Stanley Merrill Emrich
Athanas Paul Fontaine

James Harold Foote
John Battice Ford
Lawrence Kelso Frank
Ferdinand F. W. Friedensburg, III
Nelson Glueck

Josephine Fellows Gomon
William Thomas Gossett
Lawrence McKinley Gould
Oskar Maria Graf
Gertrude Lockwood Grawn

Delmar Sherrille Harder
Paul Ramsey Hawley
Loy Wesley Henderson
David Dodds Henry
Edward John Hickey

Sister M. Honor
Icie Macy Hoobler
Ormond Edson Hunt
Sol Hurok
Eleonore Louise Hutzel

Lyndon Baines Johnson
Harry Francis Kelly
Mervin J. Kelly
William Kline Kelsey
Thamat Khoman

Pauline Park Wilson Knapp

Sebastian Spering Kresge
Arthur Frederick Lederle
Donald Sparling Leonard
Theodore Levin
Dean McAllister Lierle

Robert Hill MacRae
Charles Henry Mahoney
Benjamin Raymond Marsh
Samuel Lyman Atwood Marshall
Thurgood Marshall

Frederick Carl Matthaei
Ruth Morgan McEvoy
Richard Harding McFeely
Ralph Emerson McGill
Douglas Murray McGregor

Harvey Milton Merker
Ludwig Mies van der Rohe
Jack Andrew Morton
Karl Gunnar Myrdal
Harry Monroe Nelson

Allan Nevins
Chester William Nimitz
William John Norton
Paul Paray
Chad Joseph Raseman

Walter Philip Reuther
Edgar Preston Richardson
George Rieveschl
Harry Milton Robins
Bernard Rogers

George Wilcken Romney
Grace Ross
Alexander Grant Ruthven
Emilie Gleason Sargent
Ralph Alanson Sawyer

Leonard Andrew Scheele
Karl E. Schmidt
Paul Bigelow Sears
Robert Baylor Semple
Karl Shapiro

Amos Ramsey Shields
Charles Casper Simons
Leonard Norman Simons
Charles Albert Sink
W. McKay Skillman

William John Stapleton, Jr.
Anne Campbell Stark
George Washington Stark
Roger Lacey Stevens
Frank Owen Taylor

Cleveland Thurber
Edith Rhetts Tilton
Mildred Lucille Tuttle
Ralph Adrian Ulveling
Harold Clayton Urey

Ferenc Albert Vali
James Keir Watkins
Oscar Webber
Richard Hudson Webber
John Hugh Webster

Lee A White
William Whitcomb Whitehouse
Alfred Heacock Whittaker
Nancy Quirk Williams
Lydia Kahn Winston

Minoru Yamasaki

ON CAPS, GOWNS, AND HOODS

One of the most colorful features of an academic procession is the appearance of the graduates, the faculty, members of the governing board, and guests of the University in fully academic costume. These caps, gowns, and hoods have long histories and their patterns and colors have special significance.

The gown recalls the time when all students in centers of higher learning were clerics, that is, members of the clergy, and therefore wore the garments which the Church considered proper for them.

The custom of wearing a cap comes from the Roman usage of conferring the right to wear a cap upon slaves when they were granted their freedom. At Scottish universities, such as St. Andrews, doctors are created by a ceremony called "capping" in which caps are placed on their heads.

In modern universities, the distinctive mark of a degree is the hood. In its earliest form, the hood was simply an article of wearing apparel. The churches and lecture halls of European universities were cold, drafty places, so scholars wore hoods merely as head coverings, sometimes attached to a cape, sometimes worn separately.

American universities, unlike those of England and Europe, have adopted a standard code of academic costume. The cut and material of the gown, the color of the tassel on the cap, and the pattern and colors of the hood all have special significance.

Each person who is to receive a degree wears the gown appropriate to the degree to be granted. If he already holds a degree, he wears the hood of that degree, not the one he is to receive.

Bachelors' gowns are closed at the throat and have long, pointed sleeves. Masters' gowns are open in the front and have long sleeves, square and closed at the end, the arms coming through slits near the elbow. Doctors' gowns are faced with velvet and have full, round sleeves. Each sleeve carries three bars of velvet, called chevrons.

The most colorful part of the costume is the hood. The color of the lining identifies the university which granted the highest degree held by the wearer. The color of the velvet trim indicates the faculty or department of learning in which the degree was earned.

The following list gives the color of the tassel appropriate to each of the colleges:

BUSINESS ADMINISTRATION	DRAB
EDUCATION	BLUE—LIGHT
ENGINEERING	ORANGE
LAW	PURPLE
LIBERAL ARTS	WHITE
MEDICINE	GREEN
MONTEITH	BLUE—DARK
NURSING	APRICOT
PHARMACY	OLIVE
SOCIAL WORK	CITRON

DECEMBER, 1963

DOCTOR OF PHILOSOPHY

Delete: Norman H. Horwitz

DOCTOR OF EDUCATION

Delete: Karl John Jacobs

COLLEGE OF MEDICINEMASTER OF SCIENCE

Delete: LaVal Norman Cothran

Delete: Jeffrey S. Life

Delete: Herbert Lee Lenon

COLLEGE OF ENGINEERINGBACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Delete: Ross R. English

Delete: Joseph Oster

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Delete: Emil C. Comsia

Delete: Warren Montross Lydecker

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Delete: Richard Clayton Doehring

COLLEGE OF PHARMACYBACHELOR OF SCIENCE IN PHARMACY

Delete: Marvin C. Sayles

COLLEGE OF NURSINGMASTER OF SCIENCE IN NURSING

Delete: Mary Ann Michor

SCHOOL OF BUSINESS ADMINISTRATIONBACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Delete: Lloyd H. Cutshall

Delete: Madeleine Carol Griswold

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Delete: James Ernest Arbuckle

Delete: William Coy McDay

Delete: Charles James Bauss

Add : Thomas R. Urban

Delete: Ralph G. Fletcher, Jr.

WAYNE STATE

UNIVERSITY

COMMENCEMENT



JANUARY 3, 1963
COBO HALL — CONVENTION ARENA

BOARD OF GOVERNORS

HON. THOMAS B. ADAMS

HON. BENJAMIN D. BURDICK

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HON. MICHAEL FERENGE, JR.

HON. JEAN McKEE

HON. LEONARD WOODCOCK

HON. LYNN M. BARTLETT, *Ex Officio*

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Wesley H. Churchill

Richard E. Collins

Sherwin S. Collins

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Roy J. Cutcher

Arthur J. Dalsen

Robert W. Grant

Harlan L. Hagman

Charles Harmison

Howard M. Hess

Joseph E. Hill

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Evelyn E. Holtorf

Thelma G. James

Milton Koenig

Leonard Leone

J. Don Marsh

Thomas W. Roberts

Douglas L. Roeseler

Richard H. Schell

Viola Sturges Schell

Homer D. Strong

Elizabeth Platt Tschaeche

Gary M. Witt

Harold E. Stewart, *Chairman*

William M. Borgman, *Vice Chairman*

Rupert L. Cortright, *Marshal*

The Wayne State University Band under the direction of Angelo M. Cucci

The marshals and ushers serving during this commencement exercise are undergraduate students of the University

HYMN TO WAYNE

To thee, our Alma Mater,
Homage we bring.
Brave hearts raise grateful voices
Thy praise to sing.
Young art thou, young and strong;
Renowned shalt thou live, and long;
Honors to thee will throng—
And Fame to thee cling.

We laud thee, Alma Mater,
Guardian of Right.
Thou art our guide, our mentor—
Thy name shines bright.
Keep Learning's light affame,
And hold Truth a sacred name,
Honor, thy steadfast aim.
All hail to thy might!

—Nicholas Stanley Oates '29

ORDER OF EXERCISES

OVERTURE

Antiphony for Winds

Kechley

PROCESSIONAL

The Host of Youth

Guentzel

(The audience is asked to rise as the academic procession enters
and to remain standing until the Invocation has been pronounced.)

THE NATIONAL ANTHEM

INVOCATION

The Reverend Nicholas Hood, B.S., B.D., Plymouth Congregational Church

FOREWORD

The Honorable Leonard Woodcock, Chairman, Wayne State University Board of Governors

THE CONFERRING OF THE HONORARY DEGREES

Clarence B. Hilberry, Ph.D., L.H.D., LL.D., Sc.D., President of the University

THE CONFERRING OF THE ACADEMIC DEGREES

WELCOME TO THE ALUMNI ASSOCIATION

Leslie R. Schmeier, LL.D., President, Wayne State University Alumni Association

HYMN TO WAYNE

deTar '27

(The audience is requested to rise for the singing of the Hymn
and to remain standing until the Recessional is completed.)

BENEDICTION

RECESSIONAL

University Grand March

Goldman

CANDIDATES FOR HONORARY DEGREES

FOR THE HONORARY DEGREES

Winfred A. Harbison, Ph.D., Vice President for Academic Administration

DOCTOR OF LAWS

RALPH EMERSON MCGILL

Escort: Dr. William White

Ralph Emerson McGill, Pulitzer prize-winning editor and publisher of *The Atlanta Constitution*, embodies the noblest traditions of the newspaperman. Representing in the Twentieth Century what Henry Watterson of the *Louisville Courier-Journal* and Henry W. Grady of *The Atlanta Constitution* stood for in the Nineteenth Century, Ralph McGill is a true liberal, a dedicated Southerner, and a reporter of the highest integrity. Against hate-mongers and self-seekers, he has stood resolute for what he holds to be right and has spoken clearly and unflinchingly for truth. Defiant against threats to his personal safety and professional career, he is the crusading editor and the champion of great human causes.

Firm in his love of Atlanta, of Georgia, and of his native South, he has striven in the spirit of deepest patriotism to interpret the South to the North and the North to the South. His forthright and unsparing commitment to the improvement of race relations and his continuing struggle to make his country a better place in which men may live, have won him the respect of the nation and the acclaim of good citizens everywhere.

Ralph McGill, as an editor, as a columnist, as a discerning correspondent all over the world, has throughout his journalistic career sought the trail of truth. To the task he has brought sharp observation, a keen mind, and great sensitivity. He is a newspaperman respected by newspapermen for the quality of his writing, for the accuracy of his reporting, and for the leadership he has given as an editor and publisher. He is an educator devoted to the elucidation of the highest ideals and aspirations of mankind.

Wayne State University honors this great citizen of the South whose service is to the whole nation and whose thought is to the whole world.

THURGOOD MARSHALL

A.B., LL.B.

Escort: Dr. Alfred H. Kelly

Thurgood Marshall, Judge of the United States Court of Appeals for the Second Circuit, is today one of the outstanding legal figures of the American Republic. For many years general counsel for the Legal Defense Fund of the National Association for the Advancement of Colored People, he won victory after victory in both state and federal courts in the now historic campaign to destroy legalized racial discrimination in the United States. He championed this significant cause with the intense conviction that the American Negro was a completely loyal citizen within the American political and social order, and that the legal avenues available in the American constitutional system were sufficient to enable him to attain first class citizenship. Thurgood Marshall's legal successes, culminating in his great victory before the Supreme Court in the School Segregation Cases in 1954, provided an ample demonstration of the validity of this basic article of faith.

Judge Marshall's recent elevation to the United States Court of Appeals has now provided him with a new field of service for his great legal talents. His appointment to this high judicial position came with the general approbation of the American bench and bar, who in great numbers of letters to the Senate Judiciary Committee and public statements to the press, made it clear that they regarded Judge Marshall's nomination as due to him as a sound, learned and eminent legal figure, and not merely as a successful strategist in the battle for the fundamental rights of Negroes.

Wayne State University salutes Judge Marshall as a champion of human liberty, as a distinguished constitutional lawyer, and as an outstanding American citizen.

CANDIDATES FOR DOCTORAL DEGREES

From the Graduate Division

Randall M. Whaley, Ph.D., Vice President
for Graduate Studies and Research

DOCTOR OF PHILOSOPHY

- ROBERT DEAN ALLISON, B.A., 1954, Hartwick College; M.S., 1960, Wayne State University**
Dissertation Title: "Volumetric Dynamics of Respiration as Measured by Electrical Impedance Plethysmography."
Adviser: Dr. Edward Holmes
- ROBERT LEONARD ANDERSON, A.B., 1955, M.A., 1960, Wayne State University**
Dissertation Title: "Theory of Multiply Charged Mesons and Baryons."
Adviser: Dr. Suraj Gupta
- DINESH C. BHATNAGAR, B.S., 1953, M.S., 1955, University of Delhi**
Dissertation Title: "Optical Rotatory Dispersion Studies on Asymmetric Complex Inorganic Compounds."
Adviser: Dr. Stanley Kirschner
- MIRIAM ELIZABETH BUNT, B.S., 1957, M.Ed., 1959, Wayne State University**
Dissertation Title: "A Study of Certain Aspects of Ego Identity as Demonstrated by the Discrepancy between How an Adolescent Views Himself and How He Perceives that Others View Him."
Adviser: Dr. Juanita Collier
- ROBERT FRANCIS CZAJA, B.S., 1958, Canisius College; M.S., 1961, Wayne State University**
Dissertation Title: "The Stereochemistry of Free Radical Additions of Thiols to 2-Chloro-4-tert-Butylcyclohexene."
Adviser: Dr. Norman LeBel
- MARGARET A. DA ROOGE, A.B., 1960, Wayne State University**
Dissertation Title: "Conformational Analysis Applied to Steroid Systems Part I. Boat Forms in the A Ring of Steroids Part II. The 2-Alkyl and 3-Alkyl Ketone Effects Part III. The Conformation of the Side Chain in Pregnane-20-One."
Adviser: Dr. Norman Allinger
- RAYMOND D. DENNERLL, Jr., A.B., 1950, M.A., 1952, Wayne State University**
Dissertation Title: "Prediction of Unilateral Brain Dysfunction with Wechsler Test Scores in an Epilepsy Population."
Adviser: Dr. Joel Ager
- VERNON J. EASTERLING, B.S., 1956, Eastern Michigan College; M.A., 1958, Wayne State University**
Dissertation Title: "Determination of the Fermi Surfaces of the Noble Metals by Magnetoacoustic Effect Measurements."
Adviser: Dr. Henry Bohm
- ROLLIE R. HOUCHINS, B.S., 1951, Northeast Missouri State Teachers College; M.S., 1954, University of Kansas**
Dissertation Title: "A Study of Pitch Discrimination in Children with Normal and Impaired Hearing."
Adviser: Dr. John Gaeth
- JOHN HUSCHILT, B.A., 1952, M.A., 1953, University of Toronto**
Dissertation Title: "Effect of Pion-Pion Interaction on Nuclear Forces."
Adviser: Dr. Suraj Gupta
- JAMES A. JAKSA, A.B., 1954, Central Michigan College; A.M., 1958, University of Michigan**
Dissertation Title: "An Experimental Study of One-Sided and Two-Sided Argument with Emphasis on Three Two-Sided Speeches."
Adviser: Dr. George Bohman
- ANN L. MENNINGER KOEN, B.S., 1947, University of Detroit; M.S., 1952, Wayne State University**
Dissertation Title: "I. Effect of Chelation of the Phosphorus Metabolism on Rabbits with Induced Atherosclerosis. II. Turnover Study of Phosphorus Compounds in Aortas of Normal Rabbits Using P-32."
Adviser: Dr. Albert Boyle

CANDIDATES FOR DOCTORAL DEGREES — Continued

- JEROME LOUIS MAZZARO, A.B., 1954, Wayne State University; M.A., 1956, State University of Iowa**
Dissertation Title: "The World of Robert Lowell."
Adviser: Dr. Chester Jorgenson
- MILLARD McALLISTER MEADOR, A.B., 1953, M.A., 1955, Wayne State University**
Dissertation Title: "Pitch Perception Displacements Occurring with Per- and Post-Stimulatory Fatigue."
Adviser: Dr. John Gaeth
- THOMAS WELLINGTON NORRIS, A.B., 1952, Fairmont State College; A.M., 1957, West Virginia University**
Dissertation Title: "Diplacusis Associated with Unilateral High Frequency Hearing Loss."
Adviser: Dr. John Gaeth
- DAVID ORZECH, A.B., 1951, M.A., 1956, University of California**
Dissertation Title: "The Effects of Verbal Reward and Verbal Punishment on Delinquent and Nondelinquent Adolescent Boys."
Adviser: Dr. Bertram Cohen
- JEANNE MARIE RIDDLE, B.S., 1954, Pennsylvania State University; M.S., 1956, Wayne State University**
Dissertation Title: "Research on the Ultrastructure of Molecules Essential for Blood Coagulation."
Adviser: Dr. Walter Seegers
- DAVID MADISON ROGERS, A.B., 1954, M.A., 1956, Syracuse University**
Dissertation Title: "The Continuity of Wordsworth's Development."
Adviser: Dr. Robert Gleckner
- WALTER J. ROLLIN, B.A., 1954, Queens College; M.S., 1958, University of Pittsburgh**
Dissertation Title: "A Comparative Study of Vowel Formants of Esophageal and Normal-Speaking Adults."
Adviser: Dr. George Kopp
- MARION SEMCHYSHEN, B.S., 1941, Wayne State University; M.S., 1942, University of Michigan**
Dissertation Title: "Mechanism of Strengthening of Molybdenum-Base Alloys Containing Ti, Zr, and Hf Additions."
Adviser: Dr. Harold Donnelly
- GOPAL HARI SINGHAL, B.S., 1948, Agra College; M.S., 1950, Muslim University**
Dissertation Title: "Part I. Nitrogen Analogs of Ketenes—A New Method of Preparation. Part II. Preparation and Properties of α -Hydroperoxyamides."
Adviser: Dr. Calvin Stevens
- ROBERT B. SMOCK, A.B., 1946, Adrian College; M.A., 1953, Wayne State University**
Dissertation Title: "Social Change and Personal Debt, An Historical Introduction to the Sociology of Consumer Credit."
Adviser: Dr. H. Warren Dunham
- LAURENCE G. STEVENS, B.S., 1954, Alma College; M.S., 1958, Michigan College of Mining and Technology**
Dissertation Title: "The Preparation of Trivinylgallium, Tri-*i*-Propylgallium and Tri-*n*-Propylgallium and a Comparison of Adduct Bond Energies of Triethylgallium and Trivinylgallium."
Adviser: Dr. John Oliver
- FRANK WALTER UHLMANN, B.A., 1954, Roosevelt University; A.M., 1958, University of Illinois**
Dissertation Title: "Retention of Anxiety Material as a Function of Cognitive Style."
Adviser: Dr. Eli Saltz
- PRABHAKAR GOPAL VAIDYA, B.S., B.M., 1953, Nagpur University**
Dissertation Title: "The Morphology and the Structure of the Visual System of a Strongly Diurnal Mammal."
Adviser: Dr. Ernest Gardner

CANDIDATES FOR DOCTORAL DEGREES — Continued

From the College of Education

Francis C. Rosecrance, Ph.D., Dean

DOCTOR OF EDUCATION

- SIMON EDWARD BABEL**, A.B., 1931, Sacred Heart Seminary; M.S., 1943, University of Detroit
Dissertation Title: "Evaluation of Certain Approaches to Curriculum Development Used in the Dearborn Public Elementary Schools with Special Reference to their Application to Improvement of the Arithmetic Curriculum."
Adviser: Dr. Charlotte Junge
- HENRY FRANCIS CORBACHO**, A.B., 1948; M.A., 1953, University of Denver; M.S. in Ed., 1950, Indiana University
Dissertation Title: "An Analysis of the Administrative Organization of Selected System Instructional Materials Center Programs."
Adviser: Dr. Joseph E. Hill
- DACHO DACHOFF**, B.S. in Ed., 1946; M.Ed., 1947, Wayne State University
Dissertation Title: "Purposes, Objectives, and Recommendations for the Improvement of the Non-Specialist Music Education Program at Ferris Institute."
Adviser: Dr. W. Ray Smittle
- HAROLD SEATON DAVIS**, A.B., 1943; M.A., 1947, Wayne State University
Dissertation Title: "The Effect of Team Teaching on Teachers."
Adviser: Dr. Theodore Rice
- DAVID EDWARD DAY**, B.S., in Ed., 1952; M.S. in Ed., 1958, State University of New York, Teachers' College at Brockport
Dissertation Title: "The Relationship Between Socio-Economic Status and Problem-Solving Ability: A Study of the Influence of Experience."
Adviser: Dr. Jean E. Fair
- EUGENE WILLIAM DUNLAP**, B.S., 1950; M.Ed., 1952, Saint Louis University
Dissertation Title: "Aims for Manufacturing Processes in Undergraduate Engineering Education as Evaluated by Professional Engineers in the Greater St. Louis Area."
Adviser: Dr. G. Harold Silvius
- DANO M. FAIRES**, B.S., 1949, Arizona State College; A.M., 1952, Colorado State College of Education
Dissertation Title: "Computation with Decimal Fractions in the Sequence of Number Development."
Adviser: Dr. Chester A. McCormick
- RUTH ISBELL GOLDEN**, B.A., 1931, Central State Teachers College; M.A., 1942, Wayne State University
Dissertation Title: "Effectiveness of Instructional Tapes for Changing Regional Speech Patterns."
Adviser: Dr. William E. Hoth
- HERBERT E. HUMBERT, JR.**, B.S., 1949, Michigan State Normal College; M.Ed., 1950, Wayne State University
Dissertation Title: "An Analysis of the Michigan Workmen's Compensation Laws with Recommended Changes as They Apply to School Districts."
Adviser: Dr. Joseph E. Hill
- HOWARD GILBERT MORGAN**, B.A., 1948, Central Michigan College of Education; M.A., 1951, University of Detroit
Dissertation Title: "Development and Status of Special Education Programs in Fourteen Counties in Michigan Operating under the County Special Education Act Prior to 1960."
Adviser: Dr. John J. Lee
- POLLY RUTH MOSTELLER**, A.B., 1947, Albion College; M.S. (Applied Art), 1950, University of Wisconsin
Dissertation Title: "The Qualities of Art Expressed in Children's Paintings in Relation to Other Measures of Their Abilities, Achievements and Adjustment."
Adviser: Dr. Earl Kelley
- ELIZABETH CHARLENE OSTERLUND**, B.S., 1947, University of Minnesota; M.A., 1950, Teachers College, Columbia University
Dissertation Title: "Creative Exploration as a Contributory Factor in Children's Experiences in the Social Studies."
Adviser: Dr. Don Davis

CANDIDATES FOR DOCTORAL DEGREES — Continued

- EDDIE EUGENE SAGE, B.A., 1950; M.A. in Ed., 1953, Iowa Teachers College**
Dissertation Title: "An Exploratory Study of Factors in Quantitative Problem-Solving as Revealed by Second Grade Children."
Adviser: Dr. Charlotte Junge
- THOMAS FRANK SAUNDERS, A.B., 1949; M.Ed., 1951, Wayne State University**
Dissertation Title: "A Philosophic Analysis into Emotion as a Category of Education and Psychology."
Adviser: Dr. Nathaniel Champlin
- NORVAL CLARENCE SCOTT, JR., B.A. in Educ., 1947; M.Ed., 1948, Wayne State University**
Dissertation Title: "The Relationship of Inductive Reasoning and Cognitive Styles in Categorization Behavior to Science Concept Achievement in Elementary School Children."
Adviser: Dr. Herbert Wilson
- JOHN MARSHALL SHUFELT, A.B., 1936, Colgate University; B.D., 1946, Episcopal Theological School**
Dissertation Title: "The Religious Attitudes and Participation of Undergraduate Students in Religious Organizations at Wayne State University."
Adviser: Dr. Mildred Peters
- GEORGE KENNETH STEGMAN, B.S., 1955; M.S., 1957, The Stout Institute**
Dissertation Title: "Proposed Aims for Graphics in Engineering as They Could Contribute to Collegiate Engineering Education."
Adviser: Dr. G. Harold Silvius
- RICHARD ANTHONY WISNIEWSKI, B.S., in Educ., 1951, Wayne State University; A.M., 1959, University of Michigan**
Dissertation Title: "The Status of Theory in Education and Sociology: Implications for Educational Research."
Adviser: Dr. August Kerber
- WILLIAM FRANCIS YOUNG, B.S., 1950, Hillsdale College; M.Ed., 1955, Wayne State University**
Dissertation Title: "Perceptions of Line Administrators, Staff Administrators, Members of the Dearborn Board of Education, and Presidents of Parent Organizations Relevant to the Comparative Effectiveness of the Area Administrator Plan in the Dearborn Public School System."
Adviser: Dr. Roland Faunce

CANDIDATES FOR DEGREES IN MEDICINE

From the College of Medicine

Gordon H. Scott, Ph.D., Dean

MASTER OF SCIENCE

Samuel Duane Thomas

Rashid Ayouh Zeineh

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ON CAPS, GOWNS, AND HOODS

One of the most colorful features of an academic procession is the appearance of the graduates, the faculty, members of the governing board, and guests of the University in fully academic costume. These caps, gowns, and hoods have long histories and their patterns and colors have special significance.

The gown recalls the time when all students in centers of higher learning were clerics, that is, members of the clergy, and therefore wore the garments which the Church considered proper for them.

The custom of wearing a cap comes from the Roman usage of conferring the right to wear a cap upon slaves when they were granted their freedom. At Scottish universities, such as St. Andrews, doctors are created by a ceremony called "capping" in which a cap is placed on their heads.

In modern universities, the distinctive mark of a degree is the hood. In its earliest form, the hood was simply an article of wearing apparel. The churches and lecture halls of European universities were cold, drafty places, so scholars wore hoods merely as head coverings, sometimes attached to a cape, sometimes worn separately.

American universities, unlike those of England and Europe, have adopted a standard code of academic costume. The cut and material of the gown, the color of the tassel on the cap, and the pattern and colors of the hood all have special significance.

Each person who is to receive a degree wears the gown appropriate to the degree to be granted. If he already holds a degree, he wears the hood of that degree, not the one he is to receive.

Bachelors' gowns are closed at the throat and have long, pointed sleeves. Masters' gowns are open in the front and have long sleeves, square and closed at the end, the arms coming through slits near the elbow. Doctors' gowns are faced with velvet and have full, round sleeves. Each sleeve carries three bars of velvet, called chevrons.

The most colorful part of the costume is the hood. The color of the lining identifies the university which granted the highest degree held by the wearer. The color of the velvet trim indicates the faculty or department of learning in which the degree was earned.

The following table lists the color appropriate to each of the different branches of learning:

APRICOT	NURSING
BROWN	FINE ARTS
BLUE—LIGHT	EDUCATION
BLUE—DARK	PHILOSOPHY
CITRON	SOCIAL WORK
COPPER	ECONOMICS
DRAB	BUSINESS ADMINISTRATION
GOLD—YELLOW	SCIENCE
GREEN	MEDICINE
GREEN—SAGE	PHYSICAL EDUCATION
LEMON	LIBRARY SCIENCE
OLIVE	PHARMACY
ORANGE	ENGINEERING
PINK	MUSIC
PURPLE	LAW
SALMON	PUBLIC HEALTH
SILVER GRAY	ORATORY
WHITE	ARTS AND LETTERS