

**WAYNE STATE**  
**UNIVERSITY**  
**COMMENCEMENT**



**MASONIC TEMPLE**  
**JANUARY 29, 1957**

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The Wayne State University Symphony Orchestra under the direction of Valter Poole

The Wayne State University Choir Ensemble under the direction of Harold E. Tallman

Citations for Honorary Degree Candidates written by Thelma G. James

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

**ORDER OF EXERCISES**

**OVERTURE**

Selections from the opera Snegurochka

Rimski-Korsakov

**PROCESSIONAL**

The Emperor March

Wagner

(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 Edward H. Buchheimer, M. Ed., Our Savior Lutheran Church

**FOREWORD**

The Honorable William D. Merrifield, Chairman, Wayne State University Board of Governors

**THE CONFERRING OF THE HONORARY DEGREES**

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

**HYMN TO WAYNE**

(The audience is requested to rise for the singing of the Hymn.)

**THE CONFERRING OF THE ACADEMIC DEGREES**

**THE AWARDING OF R.O.T.C. CERTIFICATES**

**DECLARATION OF CIVIC LOYALTY**

**BENEDICTION**

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

**RECESSIONAL**

Festival March from Queen of Sheba

Gounod

## CANDIDATES FOR HONORARY DEGREES

From the University Winfred A. Harbison, Ph.D., Vice-President for Academic Administration

### FOR THE HONORARY DEGREES

#### DOCTOR OF HUMANITIES

WILLIAM THOMAS GOSSETT, LL.B., LL.D.

"For his brilliant career as legal counsel for great corporations, and for his abiding concern for the work of schools, colleges, and hospitals."

#### DOCTOR OF LAWS

HOWARD CHARLES BALDWIN, LL.B., LL.D.

"For his long and distinguished legal career in which he has given devoted service to the projects supported by a great foundation, the State Bar Association, and his church."

WALKER LEE CISLER, M. Eng., Dr. Eng., LL.D.

"For his distinguished services to our city, state, and nation as a civic leader, and to the world by his participation in the program to develop the peace-time uses of atomic energy."

RUTH MORGAN McEVOY, B.S., R.N.

"For the life-long dedication of her professional training to effective leadership of volunteer workers in civic services."

#### DOCTOR OF ARTS

ALFRED HEACOCK WHITTAKER, M.D.

"For his long-time concern for the welfare of human beings — expressed through his leadership in our city planning and housing councils as well as in our historical societies."

### HONORARY ALUMNI

Howard Hathaway Aiken  
Alexander William Blain  
Thomas Alvin Boyd  
Clark David Brooks  
Prentiss Marsh Brown  
Ralph Johnson Bunche  
George Edward Bushnell  
Henry Magnus Butzel  
Harvey James Campbell  
John Strider Coleman  
Stuart Appleton Courtis  
Selden Bennett Daume  
Joseph Morrell Dodge  
Percival Dodge  
Frank Dwight Eaman  
Eugene Bradley Elliott  
John Richard Emens  
Fred Christian Fischer  
John Battice Ford  
Frank Aloysius Gorman  
Gertrude Lockwood Grawn  
Edgar Albert Guest  
Delmar Sherrille Harder  
Paul Ramsey Hawley  
David Dodds Henry  
Edward John Hickey  
Sister M. Honora  
Icie Macy Hoobler  
Henry Schoolcraft Hulbert  
Ormond Edson Hunt  
Eleonore Louise Hutzal

Ira Waite Jayne  
Helen Newberry Joy  
Harry Francis Kelly  
William Kline Kelsey  
Charles Franklin Kettering  
Sebastian Spering Kresge  
Arthur Frederick Lederle  
Donald Sparling Leonard  
William Godfrey Lerchen  
Dean McAllister Lierle  
Robert Hill MacRae  
Charles Henry Mahoney  
Benjamin Raymond Marsh  
Frederick Carl Matthaei  
Douglas Murray McGregor  
Robert Reynolds McMath  
Harvey Milton Merker  
Catherine Morgan  
Jack Andrew Morton  
Mary Eldridge Murphy  
Harry Monroe Nelson  
Chester William Nimitz  
William John Norton  
Louise Webber O'Brien  
Paul Paray  
James Wentworth Parker  
Albert Henry Poetker  
Milo Milton Quaife  
Walter Philip Reuther  
Lawrence Reynolds  
Edgar Preston Richardson

George Rieveschl  
Harry Milton Robins  
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Edson R. Sunderland  
Frank Owen Taylor  
Edith Rhetts Tilton  
Robert Morrell Toms  
Mildred Lucille Tuttle  
Ralph Adrian Ulveling  
Charles Belden Van Dusen  
James Keir Watkins  
Oscar Webber  
Richard Hudson Webber  
John Hugh Webster  
Lee A White  
William Whitcomb Whitehouse  
Charles Erwin Wilson  
Benjamin E. Young

## CANDIDATES FOR GRADUATE DEGREES

From the Graduate School Winfred A. Harbison, Ph.D., Vice-President for Academic Administration

### FOR THE DOCTOR'S DEGREES

#### DOCTOR OF PHILOSOPHY

EMANUEL EPSTEIN, B.S., Wayne State University, 1945; M.S., Wayne State University, 1953

*Dissertation Subject:* "I. An Investigation into a Simplified, Sensitive, Color Reaction for the Estrogenic Steroids. II. A Study of the Chromatographic Separation of the Estrogenic Steroids. III. A Sensitive Spot Test for Steroids Using p-Toluenesulfonic Acid."

JESSE FRANCIS GOODWIN, B.S. in Pharmacy, Xavier University, 1951; M.S., Wayne State University, 1953

*Dissertation Subject:* "I. A Method for the Determination of Total and Phospholipid Phosphorus in Blood Serum. II. A Critique of the Chloric Acid Method for the Determination of Protein Bound Iodine. III. The Effect of Ethylenediaminetetraacetic Acid Salts on Induced Atherosclerosis in Rabbits. IV. The Effect of Oral Diiodotyrosine in Rabbits on a High Cholesterol Diet."

HELEN LEES, B.S. in Med. Tech., Wayne State University, 1947

*Dissertation Subject:* "The Organic Acids of Bone."

HAROLD GENE MONSIMER, B.S., University of California, 1952; M.S., Wayne State University, 1954

*Dissertation Subject:* "A Study of Some Cactus Triterpenes Structure of Myrtillogenic Acid Partial Reduction of Methyl Diketochinocystate."

GEORGE R. PETTIT, JR., B.S. in Chem., The State College of Washington, 1952; M.S., Wayne State University, 1954

*Dissertation Subject:* "I. The Effect of Steric Factors in the Cyclization of Naphthalene Derivatives. II. Synthesis of L-Methoxy-4-Methyl-5,6,6a,7,8,12b-Hexahydro-5-Oxo-Benzo-(C)Phenanthrene. III. A New Reaction of the Steroidal Sapogenin Side Chain."

THOMAS L. PUGH, B.S. in Chem., Wayne State University, 1952; M.S., Wayne State University, 1954

*Dissertation Subject:* "Investigations of the Optical Properties and Stability of Colloidal Particles."

WILLIAM KENNETH SNEAD, B.S. in Indust. Chem., University of Kentucky, 1950

*Dissertation Subject:* "The Mechanism of the Anodic Oxidation of p-Aminophenol."

#### DOCTOR OF EDUCATION

LEFFIE LOUISE HARRIS, B.S. in Ed., Wayne State University, 1947; M. Ed., Wayne State University, 1948

*Dissertation Subject:* "An Appraisal of Curricular and Personal Components of the Stenographic Training of the Detroit High School of Commerce."

DAVID ARTLAND HILTON, B.S. in Ed., Ohio State University, 1940; M. Ed., University of Cincinnati, 1947

*Dissertation Subject:* "A Technique for the Selection of Laboratory Experiments for a College General Education Physical Science Course."

MARQUITA L. IRLAND, B.S., Michigan State College, 1942; M.A., Michigan State College, 1947

*Dissertation Subject:* "An Analysis of the Home Economics Teacher Education Program in Three Michigan Colleges."

YVONNE MARIE LOFHOUSE, B.S. in Ed., Wayne State University, 1951; M. Ed., Wayne State University, 1953

*Dissertation Subject:* "An Experiment with Closed Circuit Televised Instruction in Teacher Education."

THEODORE MANDELL, A.B., University of Michigan, 1940; A.M., University of Michigan, 1941

*Dissertation Subject:* "An Analysis of the Attitudes of Teachers and Administrators on the Screening-Testing Phase of the School Health Program in the Elementary Schools of Detroit."

**CANDIDATES FOR GRADUATE DEGREES—Continued**

**ARTHUR MATTHEWS, A.B.**, Harvard College, 1939; Ed. M., Tufts College, 1941  
*Dissertation Subject: "A Study of the Educational Opinions of Students, Parents, and Teachers of a Local Secondary School."*

**ARTHUR GEORGE PARKLLAN, B.S. in Ed.**, Wayne State University, 1947; M. Ed., Wayne State University, 1947  
*Dissertation Subject: "The Role of the Private Physician in the Medical Examination and Follow-Through of School Children in the City of Detroit."*

**FRANK J. PIES, B.A. in Ed.**, Wayne State University, 1947; M. Ed., Wayne State University, 1948  
*Dissertation Subject: "A Study of the Sunday Schools of the National Evangelical Lutheran Church."*

**WILLIAM M. RASSCHAERT, Ph.B.**, University of Detroit, 1949; M. Ed., Wayne State University, 1951  
*Dissertation Subject: "A Descriptive Analysis of a Departmental Curriculum Improvement Project in an Urban Junior High School."*

**LAWRENCE FREDRICK READ, A.B.**, University of Michigan, 1941; A.M., University of Michigan, 1946  
*Dissertation Subject: "The Ferndale School — Community Controversy — A Case Study of the Resolution of School-Community Tensions."*

**WILLIAM T. SARGENT, B.S.**, Northern Michigan College of Education, 1941; M. Ed., Wayne State University, 1948  
*Dissertation Subject: "Student Teaching in Off-Campus Programs in Industrial Arts: A Survey Directed Toward Identifying Qualifications and Responsibilities of Industrial Arts Supervisors and Cooperating Teachers and Toward Evaluating Industrial Arts Off-Campus Student Teaching Activities."*

**EDITH ROACH SNYDER, B.M.**, 1936, M.M., 1937, Ph.D. in Music, 1942, Detroit Institute of Musical Art  
*Dissertation Subject: "An Evaluative Study of a Developmental Elementary School Plan."*

**CHARLES ELMER STEWART, A.B.**, Alcorn A. & M. College, 1939; M. Ed., Atlanta University, 1945  
*Dissertation Subject: "A Study of Teacher Perceptions of Selected School Developments and Their Implications for the Leadership Role of the Principal in the Grant School, Ferndale, Michigan."*

**LEO J. TRESE, A.B.**, University of Western Ontario, 1928; M.A., University of Detroit, 1930  
*Dissertation Subject: "Personality of the Delinquent Girl."*

**FOR THE MASTER'S DEGREE**

**MASTER OF ARTS**

Esther Adler  
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William Moffat Brown  
Cassie L. Clark  
Charles George Davis

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Nian-tze Li

Newlin S. Nichols  
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Edna Louise Freeman  
Frances Laurin Larsen

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Robert K. Abraham, M.D.

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**FOR THE DEGREE OF BACHELOR OF LAWS**

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Virginia C. Dare  
William E. Holleran

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Joseph P. McManemin  
Jack Neal

Ronald A. Patek  
Robert F. Ritzenhoin  
Warren R. Snyder

**CANDIDATES FOR THE UNDERGRADUATE DEGREES**

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FOR THE DEGREES IN ENGINEERING**

Rex H. Schoonover, Sc.D., Dean

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Alex D. Constas                      Dwight Thomas Little                      \*John Richard Rausch

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Charles E. Fenoglio                      Allan David Seltzer

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Joseph P. Barzotti                      Carl Edward Christenson                      Daniel Peter Marcus

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Thomas Laurence Francis                      Donald Anthony Kootsillas                      William D. Rausch, Jr.  
Richard D. Harrison                      Sigismund J. Koziel                      David W. Turnquist  
F. Robert Hollo                      John James Morgan                      Alexander J. VanVoorhees  
Marvin Henry Johnson

**BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING**

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Lewis Peter Crow                      Peter John Mackersie                      C. Arthur VanDell  
Marvin Leonard Heinz

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George C. Blomfield

**BACHELOR OF SCIENCE IN ENGINEERING MATHEMATICS**

Amy Vee-Chu Wang Lee

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James L. Brubaker                      James Warren Hanika                      Roy Eldred Sherman  
Harold C. Cunningham                      Robert W. Luedtke                      Gintautas Vitkus  
\*Arnold Andrew Eusebio                      Alex Nicholas                      Eugene Vlasov  
Donald Raymond Gaines                      Albert H. Reef                      Raymond Wasilewski  
Charles Joseph Hahn                      \*Paul Scott Reynolds, Jr.                      Jozef Jan Zabdyr  
John William Hamilton

**BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING**

Kenneth Earl Kuscheil                      Jack Charles Webster

**BACHELOR OF SCIENCE IN ENGINEERING PHYSICS**

Donald Harry Dent                      Robert Adolph Fluegge                      William J. Lavery, Jr.

**CANDIDATES FOR THE UNDERGRADUATE DEGREES—Continued**

From the College of Pharmacy

Stephen Wilson, Ph.D., Dean

**FOR THE DEGREE IN PHARMACY**

**BACHELOR OF SCIENCE IN PHARMACY**

John J. Athans                      Earl William Hegeman                      James Grant Smith  
Craig Joseph Cebulskie                      Thomas Jerome Sachs                      Harold Srro  
Merwyn R. Greenlick                      \*Joel Silberg                      Robert James Woodfield

From the College of Nursing

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

**FOR THE DEGREE IN NURSING**

**BACHELOR OF SCIENCE IN NURSING**

Faye Rae Midgley Anderson                      Elissa Joan Levely Heizer                      \*Katherine G. Phelan  
Peggy Ann Baker                      Minerva Patricia Hill                      Judith Eleanor Russell  
Elsie Jay Bernard                      Gail Margaret LaBonte                      Linnea Miriam Siirtola  
Ruby Ruth Brier                      Daisy Lou Largen                      Carol Ann Spurbeck  
\*Peggy C. Chute                      Donna Lee Larime                      Doris Ann Tianen  
  
Helen L. Clark                      Ruth M. Loveland                      \*E. Elizabeth Waggoner  
Barbara Ann Cosgrove                      Janice Roberta Mackavey                      Gertrude Maima Ware  
Barbara Lee Davey                      Mary Louise Mason                      Alice-Jayne Margaret West  
Barbara Lucille Gale                      \*Catherine W. McLetchie                      Bettie J. Howell Wilkinson  
Sharon Roberta Goring                      Rosemary Hagan Miller                      \*Joann Mary Wilson  
M. Ellen Mitchell

From the School of Business Administration

Walter C. Folley, M.S., Sc.D., Dean

**FOR THE DEGREES IN BUSINESS ADMINISTRATION**

**BACHELOR OF ARTS IN BUSINESS ADMINISTRATION**

Daniel Albert Denno                      Joseph Garcia

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Leonard Francis Anders                      Jerry Wayne Drowns                      Barbara Rosalie Holth  
John Artymovich                      John Wilson Eason, Jr.                      \*Gordon Horsburgh  
John Marquis Ballantyne                      James Charles Edwards                      Harold Middleton Jones  
Harvey Mayer Beim                      Sheldon D. Eizen                      Thomas Mathew Kay  
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Louise Smoot Cabell  
Dominic Peter Calcagno  
Spencer Carpenter  
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**FOR THE CERTIFICATES**

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Frederick Elton Williams

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

**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 full 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 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:

BROWN	FINE ARTS
BLUE—LIGHT	EDUCATION
BLUE—PHILOSOPHY	PHILOSOPHY
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 (INCLUDING NURSING)
WHITE	ARTS AND LETTERS

**WAYNE STATE** \_\_\_\_\_  
**UNIVERSITY**  
**COMMENCEMENT**



**JUNE 13, 1957**  
**COLISEUM**

---

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---

The Wayne State University Band under the direction of Mark F. DeLeonard

Citations for Honorary Degree Candidates written by Thelma G. James

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

## ORDER OF EXERCISES

### OVERTURE

American Overture

Jenkins

### PROCESSIONAL

The Host of Youth

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

Guntzel

### THE NATIONAL ANTHEM

### INVOCATION

The Reverend John T. Walker, B.A., B.D., St. Mary's Episcopal Church

### FOREWORD

The Honorable William D. Merrifield, Chairman, Wayne State University Board of Governors

### THE CONFERRING OF THE HONORARY DEGREES

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

### HYMN TO WAYNE

(The audience is requested to rise for the singing of the Hymn.)

### THE CONFERRING OF THE ACADEMIC DEGREES

### THE AWARDING OF R.O.T.C. CERTIFICATES

### DECLARATION OF CIVIC LOYALTY

Arthur Neef, A.B., J.D., Vice-President and Provost

### BENEDICTION

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

### RECESSIONAL

University Grand March

Goldman

---

**CANDIDATES FOR HONORARY DEGREES**

---

**FOR THE HONORARY DEGREES****DOCTOR OF HUMANE LETTERS**

**AVERY ODELLE CRAVEN, M.A. (Cam.); LL.D., D.H.L., Litt.D.**

"For his brilliant scholarly contributions to a more accurate interpretation of many phases of American history and culture through his numerous superb books, articles, and lectures."

**DOCTOR OF HUMANITIES**

**CHARLES ALBERT SINK, A.B., M.Ed., LL.D.**

"For his unique contribution to the cultural life of this region through his development of concerts, programs, and music festivals of great distinction."

**DOCTOR OF LAWS**

**AMOS RAMSEY SHIELDS**

"For his unmatched contribution to the welfare of American youth through his lifetime service as the top executive-leader in the programs of the Boy Scouts."

**LEONARD NORMAN SIMONS**

"For his distinguished civic leadership in many areas, but especially for his generous concern for the Wayne State University Libraries and Press."

---

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Clark David Brooks  
Prentiss Marsh Brown  
Ralph Johnson Bunche  
George Edward Bushnell  
Henry Magnus Butzel  
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Stuart Appleton Courtis  
Selden Bennett Daume  
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John Richard Emens  
Fred Christian Fischer  
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Frank Aloysius Gorman  
William Thomas Gossett  
Gertrude Lockwood Grawn  
Edgar Albert Guest  
Delmar Sherrille Harder  
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David Dodds Henry  
Edward John Hickey  
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Charles Franklin Kettering  
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Douglas Murray McGregor  
Robert Reynolds McMath  
Harvey Milton Merker  
Catherine Morgan  
Jack Andrew Morton  
Mary Eldridge Murphy  
Harry Monroe Nelson  
Chester William Nimitz  
William John Norton  
Louise Webber O'Brien  
Paul Paray  
James Wentworth Parker  
Albert Henry Poetker  
Milo Milton Quaife  
Walter Philip Reuther  
Lawrence Reynolds  
Edgar Preston Richardson

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From the Graduate School

Lloyd Allen Cook, Ph.D., Dean of the Graduate School  
and Vice-President for Graduate Studies

**FOR THE DOCTOR'S DEGREES****DOCTOR OF PHILOSOPHY**

**SOTIRIOS S. BEICOS, B.S., 1951, M.S., 1954, Wayne State University**

*Dissertation Subject:* "Studies on Some Phenol Oxidizing Enzymes in Certain Mushrooms and Corn Silk."

**CHESTER L. BRISLEY, B.S., 1946, Youngstown College; M.S. in Indus. Engineering, 1954, Wayne State University**

*Dissertation Subject:* "Oral Communication in Executive Behavior in a Medium Sized Industrial Firm in Detroit, Michigan."

**RASHID MUNIB DAJANI, Ph.G., 1938, American University of Beirut, Beirut, Lebanon**

*Dissertation Subject:* "A Study of the Citric Acid Cycle in Erythrocytes."

**COLIN FELL, A.B., 1951, Antioch College; M.S., 1953, Wayne State University**

*Dissertation Subject:* "Platelet Factor 1 Related to the Blood Clotting Mechanisms."

**ROBERT J. GASSER, B.S., 1949, M.S., 1951, University of Detroit**

*Dissertation Subject:* "The Formation of Hydroperoxides and Vinylamines by the Reaction of Ketenimines with Lithium Aluminum Hydride and Organometallic Reagents."

**JAMES D. GROSSMAN, B.S., 1952, Kent State University**

*Dissertation Subject:* "I. Synthesis of 1-Methyl-19-Nor-17alpha-Hydroxy Progesterone. II. A Study of the Preparation and Desulfurization of Beta-Mercaptoethanols. III. Reaction of Enol Acetates with N-Iodosuccinimide."

**FRANCIS XAVIER MARKLEY, B.S., 1951, St. Vincent College; M.S., 1955, Wayne State University**

*Dissertation Subject:* "Alkaloid Studies. The Structure of Pilocerine and Synthesis of Tetrahydroisoquinolines."

**DAVID BERNARD MEYER, A.B., 1948, Wayne State University; M.S., 1950, University of Michigan**

*Dissertation Subject:* "The Prenatal Development of the Skeleton."

**MORTON E. MUNK, B.S., 1950, Northwestern University; M.S., 1952, University of Miami**

*Dissertation Subject:* "The Reactions of Ketenimines with Carboxylic, Sulfonic and Phosphoric Acids. A New Synthesis of the Peptide Bond."

**CANDIDATES FOR GRADUATE DEGREES—Continued**

**WELLS A. SHULLS**, B.S. in Applied Science, 1938, M.S., 1939, Michigan State College  
*Dissertation Subject: "A Study of Some Biochemical Activities of Normal and Influenza PR-8 Infected Chorio-Allantoic Membranes."*

**LEWIS JOHN THROOP**, B.S. in Chem., 1954, M.S., 1956, Wayne State University  
*Dissertation Subject: "Acid-Base Titrimetry in Basic Solvents."*

**DOCTOR OF EDUCATION**

**CORWIN ELLIOT BJONERUD**, B.S. in Educ., 1947, Northern State Teachers College; A.M., 1951, Colorado State College of Education  
*Dissertation Subject: "A Study of the Arithmetic Concepts Possessed by the Preschool Child at the Time of Entrance into Kindergarten."*

**RALPH CARL BOHN**, B.S. in Educ., 1951, M. Educ., 1954, Wayne State University  
*Dissertation Subject: "An Evaluation of the Educational Program for Students From Foreign Countries: Emphasis upon Orientation Procedures, Individual Problems, and Psychological Variables."*

**ROY COLE**, B.S., 1940, Central Michigan College of Education; M.A., 1948, Wayne State University  
*Dissertation Subject: "An Evaluative Study of an Extra-Mural School Camping Program for Adolescent Boys Identified as Potential School Leavers."*

**ROSS M. COXE**, B.E., 1949, M.S., 1952, State Teachers College, Brockport, N.Y.  
*Dissertation Subject: "A Suburban School System Faculty Looks at and Improves its Program in Social Studies for Children and Youth."*

**WINNIFRED LOERCH FENTON**, B.A., 1931, Rockford College, Illinois; M.M., 1944, American Conservatory of Music, Illinois  
*Dissertation Subject: "Effectiveness of Music Teachers Identified Through Behavioral Criteria: A Basis for Redirection in Teacher Education."*

**BENJAMIN EDWARD HATCHER**, B.A., 1941, Selma University; B.S., 1942, Alabama State Teachers College (Montgomery); M. Educ., 1947, Wayne State University  
*Dissertation Subject: "An Experimental Study of Three Different Patterns of Student Participation in a General-Education Science Course for College Freshmen."*

**JOSEPH EMILE HILL**, A.B., 1943, Albion College; M.A., 1947, Wayne State University  
*Dissertation Subject: "The Development and Application of a Method for Evaluating Defined Phases of Student Activities Programs in Institutions of Higher Education."*

**MARY JEAN KLUWE**, B.S. in Educ., 1941, M. Educ., 1945, Wayne State University  
*Dissertation Subject: "An Investigation of the Effects of an Integrated Kindergarten-Primary Program."*

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**ROBERT ROLAND LUBY**, B.S. in Educ., 1940, M. Educ., 1949, Wayne State University  
*Dissertation Subject: "The Nurse in the School Health Services Program: Implications for Detroit Practices."*

**WILLIAM COOK MILLER, III**, B.S. in Educ., 1950, M. Educ., 1950, Wayne State University  
*Dissertation Subject: "A Proposal for the Reduction of Obstacles to Effective Use of Audio-Visual Materials Through In-Service Education Activities in the Schools of Wayne County, Michigan."*

**JOHN WALLACE PRITCHARD**, A.B., 1934, A.M., 1939, University of Michigan  
*Dissertation Subject: "A Novel as Pro-Inquiry: A Critique of Some Adult Value-Conflicts Conditioned by Education."*

**JAMES ASBURY SMITH**, B.S. in Educ., 1940, Central State College; M.S., 1942, Oklahoma A. & M. College  
*Dissertation Subject: "Implications of Television for Industrial Arts."*

**SAM M. SNIDERMAN**, B.A. in Educ., 1948, M. Educ., 1950, Wayne State University  
*Dissertation Subject: "The Long Range Productivity of a Subsidized and Formally Organized Action Research Curriculum Study."*

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Gordon H. Scott, Ph.D., Dean

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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 and in the Graduate School.

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

**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 full 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 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:

BROWN	FINE ARTS
BLUE—LIGHT	EDUCATION
BLUE—PHILOSOPHY	PHILOSOPHY
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 (INCLUDING NURSING)
WHITE	ARTS AND LETTERS