

One Hundred Eighteenth
Commencement Exercises

JUNE EXERCISES

THE UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA

THE GRADUATE SCHOOL
THE LAW SCHOOL
THE COLLEGE OF ARTS AND LETTERS
THE COLLEGE OF SCIENCE
THE COLLEGE OF ENGINEERING
THE COLLEGE OF BUSINESS ADMINISTRATION



On the University Mall
At 2:00 p.m. (Central Daylight Time)
Sunday, June 9, 1963

P R O G R A M

PROCESSIONAL

CITATIONS FOR HONORARY DEGREES

by the Reverend Chester A. Soleta, C.S.C.,
Vice-President of Academic Affairs

THE CONFERRING OF HONORARY DEGREES

by the Reverend Theodore M. Hesburgh, C.S.C.,
President of the University

PRESENTATION OF CANDIDATES FOR DEGREES

by the Reverend Paul E. Beichner, C.S.C.,
Dean of the Graduate School

by Joseph O'Meara
Dean of the Law School

by the Reverend Chester A. Soleta, C.S.C.,
Acting Dean of the College of Arts and Letters

by Frederick D. Rossini
Dean of the College of Science

by Norman R. Gay
Dean of the College of Engineering

by Thomas T. Murphy
Dean of the College of Business Administration

THE CONFERRING OF DEGREES

by the Reverend Theodore M. Hesburgh, C.S.C.,
President of the University

PRESENTATION OF THE LAY FACULTY AWARD

PRESENTATION OF THE PROFESSOR THOMAS MADDEN FACULTY AWARD

COMMENCEMENT ADDRESS

by the Honorable Lester B. Pearson
Prime Minister of Canada

THE BLESSING

by His Eminence Raul Cardinal Silva Henriquez,
Archbishop of Chile

Degrees Conferred

The University of Notre Dame announces the conferring of:

The Degree of Doctor of Laws, honoris causa, on:

Honorable Lester B. Pearson, Ottawa, Canada
His Eminence Raul Cardinal Silva Henriquez, Santiago, Chile
Most Reverend Mark McGrath, C.S.C., D.D., Republic of Panama
Mr. Don McNeill, Chicago, Illinois
Mr. Alfred C. Stepan, Jr., Northfield, Illinois
Honorable Harold A. Stevens, New York, New York
Mr. George D. Woods, Washington, D.C.

The Degree of Doctor of Science, honoris causa, on:

Prof. John G. Sheehan, Cambridge, Massachusetts

The Degree of Doctor of Letters, honoris causa, on:

Mr. Ralph McGill, Atlanta, Georgia
Prof. William K. Wimsatt, Jr., New Haven, Connecticut

IN THE GRADUATE SCHOOL

The University of Notre Dame confers the following degrees in course:

The Degree of Doctor of Philosophy on:

Tetsutaro Arakawa, Tokyo, Japan

B.S., University of Tokyo, 1953; M.S., ibid., 1955. Major subject: Chemistry.
Dissertation: Comparison of Radiolysis, Photolysis and Luminescence Quenching of Some Triphenyl Metal Compounds in Benzene and Cyclohexane.

Reverend Campion Robert Baer, Order of Friars Minor Capuchin,
Wisconsin Rapids, Wisconsin

B.A., St. Felix College (Indiana), 1958; M.A., University of Notre Dame,
1960. Major subject: Education. Dissertation: The Development of Accreditation
in American Catholic Seminaries, 1890-1961.

Thomas Joseph Brett, Junior, East Orange, New Jersey

B.S., St. Peter's College, 1957. Major subject: Chemistry. Dissertation: The
Epimerization of Substituted Cyclohexanols.

Edward James Burden, Woodside, New York

B.S., St. Francis College (New York), 1951; M.S., St. John's University
(New York); 1953. Major subject: Biology. Dissertation: Polyphenol Oxidase
Activity in the Dog Hookworm, *Ancylostoma caninum*.

Charles Owen Carroll, Chicago, Illinois

B.S., University of Notre Dame, 1958. Major subject: Physics. Dissertation:
The Third Order Coulomb Wave Function and Single Quantum Annihilation;
Radiative Pion-Nucleon Scattering.

John Edwin Derwent, South Bend, Indiana

B.S., University of Notre Dame, 1955. Major subject: Mathematics. Dis-
sertation: On the Realization of the Morse Inequalities as Equalities.

† Charles E. Dick, Fort Wayne, Indiana

B.S., St. Procopius College, 1958. Major subject: Physics. Dissertation: The
Energy and Z Dependence of the Bremsstrahlung Cross Section at the High
Frequency Limit.

† Degree Conferred February 1, 1963

- Gordon James DiRenzo, North Attleboro, Massachusetts
 B.A., University of Notre Dame, 1956; M.A., ibid., 1957. Major subject: Sociology. Dissertation: A Social Psychological Analysis of Personality Structures of Members of the Italian Chamber of Deputies.
- Timothy R. Donoghue, Boston, Massachusetts
 B.S., Boston College, 1957. Major subject: Physics. Dissertation: Angular Distributions of the Neutrons Elastically Scattered From O¹⁸ and N¹⁶.
- Joseph Thomas Doran, North Vernon, Indiana
 B.A., University of Notre Dame, 1948; M.A., ibid., 1949. Major subject: Sociology. Dissertation: Family Social Position and School Expectations as Factors Influencing the Peer Group Status of Fifth- and Sixth-Grade Elementary School Children.
- † William Edwin Dorenbusch, Middletown, Ohio
 B.S., University of Notre Dame, 1958. Major subject: Physics. Dissertation: Angular Distributions and Spectra From the Reactions BE⁹(He,³ α)Be⁸ and Be⁹(He,³ α)2He⁴.
- Remi Gerard Dubuque, Worcester, Massachusetts
 A.B., Holy Cross College, 1958; M.A., Boston University, 1960. Major subject: English. Dissertation: Samuel Johnson's *Idlers*: A Study of Satire, Humor, and Irony.
- Brother Germain Anthony Faddoul, Congregation of Holy Cross, Austin, Texas
 A.B., University of Notre Dame, 1943; M.A., ibid., 1951. Major subject: English. Dissertation: The Harmonizing of Faith and Reason in Brownson's Pre-Catholic Experience.
- George Harold Hampsch, Cleveland, Ohio
 B.S.C., Loyola University (Illinois), 1949; M.A., DePaul University, 1959. Major subject: Philosophy. Dissertation: Some Aspects of the Marxist Notion of Classless Society.
- † Emil Thomas Hofman, South Bend, Indiana
 B.S., University of Miami (Florida), 1949; M.S., University of Notre Dame, 1953. Major subject: Chemistry. Dissertation: Some Novel Chelating Polymers. I. Model Compounds.
- Matthew John Kelly, St. Paul, Minnesota
 B.A., College of St. Thomas, 1956; M.A., University of Minnesota, 1958. Major subject: Philosophy. Dissertation: The Interpretation of St. Thomas Aquinas of 191a7-8: "The Underlying Nature is Known by Analogy."
- Samuel Joseph Kennedy, Kansas City, Missouri
 B.S., Regis College, 1949; M.A., Marquette University, 1953. Major subject: Philosophy. Dissertation: Conscience: Its Nature and Role in Moral Activity, According to St. Thomas Aquinas.
- Sister M. Verona Kessler, Order of Saint Benedict, Yankton, South Dakota
 B.A., Mount Marty College, 1953; M.A., The Creighton University, 1957. Major subject: History. Dissertation: The Effects of the Laic Laws of 1901 and 1904 on the Benedictines in France.
- † Frederick Roy Klebacher, Wenonah, New Jersey
 B.S., Rensselaer Polytechnic Institute, 1957. Major subject: Chemistry. Dissertation: Infrared Spectra and Solid State Reactions of Aryl Amine-Metal Halide Complexes.
- William Robert Klemm, Ames, Iowa
 D.V.M., Auburn University, 1958. Major subject: Biology. Dissertation: Protection Against X-Irradiation by Psychotropic Drugs and Adrenal-Pituitary Function on Rabbit Behavior and Brain Electrical Activity.
- Sister Mary Aquin Lally, Sisters of Charity of the Blessed Virgin Mary, Chicago, Illinois
 A.B., Mundelein College, 1932. M.A., The Catholic University of America, 1948. Major subject: English. Dissertation: A Comparative Study of Five Plays on the Becket Story by Tennyson, Binyon, Eliot, Anouilh, and Fry.

Peter Ambrose Lappan, Junior, Princeton, New Jersey

A.B., Princeton University, 1957; M.S., University of Notre Dame, 1959.
Major subject: Mathematics. Dissertation: Some Sequential Properties of
Normal and Non-Normal Functions with Applications to Automorphic
Functions.

Sister Mary Kyran Lawless, Religious Sisters of Mercy, Louisville,
Kentucky

B.S., Our Lady of Cincinnati College, 1956; M.A., University of Notre Dame,
1961. Major subject: English. Dissertation: The Ceramics of Wallace Stevens:
Aspects of Imagery and Theme.

John Joseph Lennon, Chicago, Illinois

A.B., John Carroll University, 1948; M.A., The Catholic University of
America, 1951. Major subject: Sociology. Dissertation: A Comparative Study
of the Patterns of Acculturation of Selected Puerto Rican Protestant and
Roman Catholic Families in an Urban Metropolitan Area (Chicago).

Reverend John Mackey, Auckland, New Zealand

B.A., University of New Zealand, 1949; M.A., ibid., 1950; Dip.Ed., ibid.,
1951. Major subject: Education. Dissertation: The Passing of the New Zealand
Education Act, 1877. The Genesis of a State School System in the Nineteenth
Century.

Sister M. Celine Martin, Sisters of St. Francis of Perpetual Adoration,
Mishawaka, Indiana

B.S., Indiana University, 1940; M.Ed., Loyola University (Illinois), 1947;
M.S., University of Notre Dame, 1948. Major subject: Biology. Dissertation:
An Ecological Life History of *Ceranium maculatum*.

Vincent Gerard Massaro, Buffalo, New York

B.S., Canisius College, 1959; M.A., University of Notre Dame, 1960. Major
subject: Economics. Dissertation: Divergent Views on Marx's Increasing Misery
Doctrine.

Sister Alma Louise Mescher, Sisters of Providence, Saint Mary-of-the-Woods, Indiana

B.A., Immaculate Heart College, 1942; A.B., Saint Mary-of-the-Woods College,
1945; M.S., Marquette University, 1953. Major subject: Biology. Dissertation:
A Comparative Analysis of the Morphology and Postembryonic Development
of the Salivary Glands of *Aedes aegypti* (L.) (Diptera: Culicidae).

† Reverend William Frederick Meyers, Cassopolis, Michigan

A.B., Sacred Heart Seminary (Michigan), 1949; S.T.B., Gregorian University,
1951; S.T.L., The Catholic University of America, 1955; M.A., University of
Notre Dame, 1960. Major subject: Education. Dissertation: The Role of the
Lay Teacher in Catholic Education.

Sister Elizabeth Louise Michaels, Sisters of Notre Dame de Namur,
Boston, Massachusetts

A.B., Emmanuel College (Massachusetts), 1946; M.A., Boston College, 1956.
Major subject: Mathematics. Dissertation: A Study of Simple Groups of
Even Order.

Brother William L. Nance, Society of Mary, San Antonio, Texas

B.A., St. Mary's University of San Antonio, 1955. Major subject: English.
Dissertation: The Principle of Rejection: A Study of the Thematic Unity
in the Fiction of Katherine Anne Porter.

Cornelius Novelli, East Syracuse, New York

B.S., State Teachers College (Fredonia, New York), 1952; M.A., Ohio University,
1955. Major subject: English. Dissertation: Sir Gowther.

Phillip L. Pennartz, South Bend, Indiana

B.S., The University of Oklahoma, 1955. Major subject: Chemistry. Dissertation:
Redistribution Reactions Among Alkylalkoxyboranes and Trialkoxyboranes.

† Sister Mary Rosaria Petra, Sisters of St. Francis, Sylvania, Ohio

B.S., College of Saint Teresa (Minnesota), 1951; M.S., University of Notre
Dame, 1958. Major subject: Chemistry. Dissertation: Infrared Spectra of
Cyanate Complexes and Solid State Reactions of Some Copper (II) Coordina-
tion Compounds.

- † Henry J. Prask, Detroit, Michigan
B.S., University of Notre Dame, 1958. Major subject: Physics. Dissertation: The Decay of Gadolinium-149 to Europium-149 and Unified Model Calculations; Some Nanosecond Half-Life Measurements.
- Joseph J. Pushpathadam, Kerala, India
B.S.(Hons.), University of Madras, 1955. Major subject: Chemistry. Dissertation: The Erythropoietic Factors in Anemic Rabbit Plasma.
- James Joseph Reidy, Tulsa, Oklahoma
B.S., University of Notre Dame, 1958. Major subject: Physics. Dissertation: Directional Correlation Measurements on Cascades in Er^{163} and W^{182} .
- Sister Michael Schafer, Sisters of Providence, Saint Mary-of-the-Woods, Indiana
B.S., St. Mary-of-the-Woods College, 1951; M.S., University of Notre Dame, 1959. Major subject: Chemistry. Dissertation: Absorption Spectra and Electric Moments of Coordination Complexes of Cobalt (II).
- Joosup Shim, Seoul, Korea
B.S., Tri-State College, 1956; M.S., University of Notre Dame, 1960. Major subject: Chemical Engineering. Dissertation: Temperature and Pressure Effects on the Diffusion Coefficient of Methane in the Liquid Phase of n-Hexane.
- Sister Elizabeth Anne Sueltenfuss, Congregation of the Sisters of Divine Providence, San Antonio, Texas
B.A., Our Lady of the Lake College, 1944; M.S., University of Notre Dame, 1961. Major subject: Biology. Dissertation: Biological Properties of Duck Hepatitis Virus.
- † Thomas Stephen Sulkowski, Everson, Pennsylvania
B.S., St. Vincent College, 1956. Major subject: Chemistry. Dissertation: The Synthesis of Some Substituted Dimethoxypyridines and Trimethoxypyridines.
- Lewis George Taft, West Hartford, Connecticut
B.S., Trinity College (Connecticut), 1954; M.S., University of Notre Dame, 1956. Major subject: Chemistry. Dissertation: The Synthesis and Polymerization of Certain Quinone Methides.
- Sam Z. Toma, Baghdad, Iraq
B.S., Boston College, 1956; M.S., ibid., 1958. Major subject: Chemistry. Dissertation: Hydrogen Formation and Charge Transfer Processes in the Radiolysis of Hydrocarbons.
- † Sister M. Gabrieline Wagener, Sister, Servant of the Immaculate Heart of Mary, Detroit, Michigan
B.A., Marygrove College, 1946: M.Ed., Wayne University, 1952. Major subject: Education. Dissertation: A Study of Catholic Opinion on Federal Aid to Education, 1870-1945.
- Edward C. Wojciechowski, South Bend, Indiana
A.B., St. Procopius College, 1952; M.A., Loyola University (Illinois) 1959. Major subject: Philosophy. Dissertation: Vladimir Soloviev's Doctrine of the Absolute.
- The Degree of Master of Arts on:*
- Robert Patrick Bennett, Pittsfield, Massachusetts
B.A., University of Notre Dame, 1961. Major subject: English.
- Reverend Thomas Edward Blantz, Congregation of Holy Cross, Notre Dame, Indiana
B.A., University of Notre Dame, 1957. Major subject: History.
- † James J. Brady, South Bend, Indiana
B.A., University of Notre Dame, 1959. Major subject: Economics.
- † John Francis Burke, Junior, Wollaston, Massachusetts
B.S., Boston College, 1961. Major subject: Economics.

- John Thomas Canty, San Francisco, California**
A.B., University of California, Berkeley, 1961. Major subject: Philosophy.
Dissertation: A Natural Deduction System.
- William Lee Carbon, LaPorte, Indiana**
B.S., Indiana University, 1962. Major subject: Education.
- Erroll Timothy Carroll, Traverse City, Michigan**
A.B., University of Notre Dame, 1960. Major subject: English.
- Thomas Joseph Casaleotto, Chicago, Illinois**
B.A., Aquinas College, 1960. Major subject: Philosophy.
- Gilbert Anthony Cipriano, Providence, Rhode Island**
B.A., Oklahoma A. and M. College, 1953. Major subject: History.
- Russell V. Circo, Chicago, Illinois**
A.B., Loyola University (Illinois), 1961. Major subject: Sociology.
- Reverend Joseph Francis Cloonan, Pittsford, New York**
A.B., St. Bernard's Seminary and College (New York), 1940. Major subject:
Philosophy.
- Guido Corso, Palermo, Italy**
Laurea (in Law), University of Palermo, 1961. Major subject: Political Science.
- Anthony Joseph deBruin, Garden City, New York**
B.A., Manhattan College, 1961. Major subject: History.
- Fermin Juan Donoso, Congregation of Holy Cross, Santiago, Chile**
Universidad de Chile, 1955-1960. Major subject: Philosophy.
- † **Miss Elaine Marie Edden, Rockville Centre, New York**
A.B., Manhattan College of the Sacred Heart, 1960. Major subject: Education.
- Mrs. Clare M. Edwards, South Bend, Indiana**
B.A., Jarvis Christian College, 1956. Major subject: Education.
- Richard Allan Falk, New Hyde Park, New York**
B.A., St. John's University (New York), 1961. Major subject: English.
- Thomas Daniel Flaherty, Waterbury, Connecticut**
B.A., College of the Holy Cross, 1961. Major subject: History.
- Reverend James Francis Flanigan, Congregation of Holy Cross, Chi-
cago, Illinois**
B.A., University of Notre Dame, 1958. Major subject: Art.
- Miss Eva Fleischner, Grailville, Loveland, Ohio**
A.B., Radcliffe College, 1946. Major subject: Liturgy.
- Donald Joseph Gehlhausen, Marion, Indiana**
B.A., University of Notre Dame, 1962. Major subject: Theology.
- † **Donald Peter Gray, Rochester, New York**
B.A., University of Toronto, 1961. Major subject: Theology. Dissertation:
A Comparative Study of Plato's *Republic* and St. Augustine's *City of God*.
- Dennis Brian Gustin, Gary, Indiana**
B.S., University of Notre Dame, 1961. Major subject: Education.
- Richard Lee Hair, Kansas City, Missouri**
B.S., Rockhurst College, 1959. Major subject: Sociology (Correctional Ad-
ministration).
- Sister Sara William Hanley, Congregation of St. Joseph, Albany,
New York**
B.A., The College of St. Rose, 1961. Major subject: English.
- John Ferdinand Hickey, Junior, New York, New York**
B.A., University of Notre Dame, 1962. Major subject: History. Dissertation:
The Senatorial Opposition to President James Madison During His First
Administration.

- Reverend Kurt William Holderied, Carmelite Fathers, Chicago,
Illinois
B.A., St. Bonaventure University, 1956. Major subject: Education.
- † Robert Lawrence Horn, Green Bay, Wisconsin
B.B.A., University of Notre Dame, 1960. Major subject: English.
- Major Mallett, G. Jackson, Junior, United States Marine Corps, St.
Louis, Missouri
A.B., Western Michigan College of Education, 1948. Major subject: Education.
- John Charles Kerkering, Fort Belvoir, Virginia
B.S., Georgetown University, 1961. Major subject: Philosophy.
- Thomas Leo King, South Bend, Indiana
B.S., University of Notre Dame, 1952. Major subject: Education.
- † John Alan Lopach, Great Falls, Montana
A.B., Carroll College (Montana), 1960. Major subject: English.
- † Brother Charles Roland Marchand, Brothers of the Christian School,
Toronto, Canada
B.A., Sir George Williams College, 1952. Major subject: Theology.
- † Louis Anthony Marre, Fort Smith, Arkansas
B.A., University of Notre Dame, 1961. Major subject: English.
- John F. Marszalek, Junior, Buffalo, New York
B.A., Canisius College, 1961. Major subject: History. Dissertation: The
Maritime Relations of the United States and Great Britain, 1801-1806.
- Anthony James Mastro, Jersey City, New Jersey
B.S., New York University, 1951; M.B.A., ibid., 1953. Major subject:
Economics.
- Thomas Anthony McCarthy, Springfield, Massachusetts
B.S., College of the Holy Cross, 1961. Major subject: Philosophy.
- Reverend Patrick Stephen McDonnell, Fort Lauderdale, Florida
Ordained, St. Patrick's College (Ireland), 1957. Major subject: Education.
- Reverend John Joseph McIver, Scarborough Foreign Missions, Scarborough,
Canada
B.A., St. Francis Xavier University (Canada), 1959. Major subject: Sociology.
- Mrs. Marie Joan Meehan, Mishawaka, Indiana
B.A., Saint Mary's College (Indiana), 1955. Major subject: Education.
- James Sullivan Noce, Rochester, New York
B.A., University of Notre Dame, 1962. Major subject: Theology.
- † James Joseph Novak, Johnstown, Pennsylvania
B.S., Boston College, 1961. Major subject: Economics.
- John Kevin O'Brien, New York, New York
B.S., Fordham University, 1961. Major subject: Sociology.
- † Timothy John O'Keefe, South Pasadena, California
B.A., St. Mary's College of California, 1961. Major subject: History.
- † Richard Henry Passon, Hazleton, Pennsylvania
A.B., King's College (Pennsylvania), 1961. Major subject: English.
- † Mrs. Marjorie Fink Penley, Golden, Colorado
B.A., University of Minnesota, 1958. Major subject: English.
- Reverend James Howard Plough, Worthington, Ohio
A.B., The Pontifical College Josephinum, 1954. Major subject: History.

- † Dale R. Pugh, Lewistown, Montana
A.B., Carroll College (Montana), 1961. Major subject: Economics.
- Reverend Raymond T. Quetchenbach, Divine World Missionary,
Rochester, New York
B.A., St. Mary's Seminary (Illinois), 1953. Major subject: Education.
- Charles Francis Quinn, III, Delray Beach, Florida
B.S., University of Notre Dame, 1961. Major subject: Philosophy.
- Walton S. Russell, Junior, Mandan, North Dakota
B.A., University of Notre Dame, 1961. Major subject: Education.
- John Walter Sands, Elkhart, Indiana
B.S., Ball State Teachers College, 1958. Major subject: Education.
- Alfred Thomas Selva, Riverside, New Jersey
B.A., Rider College, 1961. Major subject: History.
- Reverend John Thomas Shea, Sudbury, Canada
Ordained St. Peter's Seminary (Canada), 1950. Major subject: Sociology.
- Thomas Edward Shipp, Tulsa, Oklahoma
B.A., University of Notre Dame, 1962. Major subject: Economics.
- Anthony Olivier Simon, South Bend, Indiana
B.A., St. John's University (Minnesota), 1959. Major subject: Sociology
(Correctional Administration).
- Reverend Armando Trindade, Karachi, Pakistan
Ph.Lic., Pontificium Athanaeum Kandiense (Ceylon), 1946; D.Lic., ibid.,
1950; M.A., Oxford University (England), 1956. Major subject: Education.
- Thomas Anthony Walsh, Adams, Massachusetts
B.A., St. Michael's College (Vermont), 1961. Major subject: English.
- Frank Augustine Yurasek, Quakertown, Pennsylvania
B.A., University of Notre Dame, 1961. Major subject: English.

The Degree of Master of Mediaeval Studies on:

Peter Paul Aizupitis, Wassaic, New York
B.A., Swarthmore College, 1961. Dissertation: The History of the Livonian
Order of Sword Brothers to 1228.

Leslie S. Domonkos, Junior, Sharon, Pennsylvania
B.A., Youngstown University, 1959; M.A., University of Notre Dame, 1960.
Dissertation: The Sigismundean Foundation of the University of Buda.

Robert James Schneider, Fort Lauderdale, Florida
B.A., The University of the South, 1961. Dissertation: Vincent of Beauvais
De Morali Principiis Institutione. Introduction and Text.

The Degree of Master of Fine Arts on:

Van B. Chambers, Junior, Lyon, Mississippi
B.A., Xavier University (Louisiana), 1961.

The Degree of Master of Music Education on:

Mrs. Helene O'Brien DeSantis, Watersford, Connecticut
A.B., Radcliffe College, 1945.

The Degree of Master of Science on:

H. Clifford Alexander, Junior, Mobile, Alabama
B.S., Spring Hill College, 1960. Major subject: Physics.

Theodore Joseph Barth, Colorado Springs, Colorado
B.S., Regis College, 1961. Major subject: Mathematics.

Harold David Brown, South Bend, Indiana
University of Notre Dame, 1959-1963. Major subject: Mathematics.

Charles J. Chantell, Chicago, Illinois
B.S., University of Illinois, 1961. Major subject: Biology. Dissertation: Some Miocene-Pliocene Hylids from the Valentine of Nebraska.

James Cornell Dorsey, Chattanooga, Tennessee
A.B., University of Chattanooga, 1958. Major subject: Chemistry. Dissertation: Rearrangement of Sulfoxides in the Presence of Aromatic Compounds.

† Roger John Eldred, Pontiac, Michigan
B.S., University of Notre Dame, 1959. Major subject: Chemistry. Dissertation: Some Reactions of Unsaturated Seven-Membered Oxygen Heterocycles.

Larry Joel Gerstein, Portsmouth, New Hampshire
A.B., Columbia University, 1962. Major subject: Mathematics.

Leonard Herbert Hauer, Junior, Saint Paul, Minnesota
B.A., College of St. Thomas, 1961. Major subject: Mathematics.

† Sister Mary Borgia Klingele, Sisters of Charity of Providence, Issaquah, Washington
B.S.(Chemistry), Seattle University, 1947; B.S.(Medical Technology), ibid., 1949. Major subject: Biochemistry. Dissertation: Electrophoretic Investigation of the Serum Protein Spectrum of Weanling Female Rats Maintained in a Continuous Low-Level Gamma Radiation Environment.

Sister Mary de Lourdes McAloon, Order of Servants of Mary, Omaha, Nebraska
B.A., The Creighton University, 1953. Major subject: Mathematics.

James William Reeves, Gainesville, Florida
B.S., Indiana University, 1951. Major subject: Mathematics.

H. Marks S. Richard, Baton Rouge, Louisiana
B.S., Southern University (Louisiana), 1955. Major subject: Mathematics.

John Louis Saunders, South Bend, Indiana
B.A., University of Arkansas, 1959; M.A., University of Notre Dame, 1961. Major subject: Mathematics.

† Carl William Seidel, East Meadow, New York
B.S., University of Wisconsin, 1959. Major subject: Chemistry. Dissertation: (Part I) The γ -Ray Detection Efficiency of a Thin (2mm.) NaI (Tl) Scintillation Crystal. (Part II) The Use of a Digital Computer to Solve Some Problems in Nuclear Spectroscopy.

Jacob David Turban, New Cumberland, Pennsylvania
B.S., Illinois State Normal University, 1958. Major subject: Mathematics.

Norbert Leonard Wiech, Chicago, Illinois
B.S., University of Notre Dame, 1960. Major subject: Biology.

The Degree of Master of Science in Aeronautical Engineering on:

Martin Joseph Daley, Hartford, Connecticut
B.S.A.E., University of Notre Dame, 1961. Dissertation: Secondary Vortices.

Patrick J. Roache, Detroit, Michigan
B.S.A.E., University of Notre Dame, 1960. Dissertation: Shock Wave-Boundary Layer Interaction.

The Degree of Master of Science in Chemical Engineering on:

† Yi Hua Ma., Taiwan, China

B.S., National Taiwan University, 1959. Dissertation: The Heterogeneous Phase Equilibrium in the Ethane-Methanol System.

Reverend Joseph Simons, Congregation of Holy Cross, Notre Dame, Indiana

B.S.Ch.E., University of Notre Dame, 1957. Dissertation: Mixing Studies in a Well-Stirred Gas-Solid Catalytic Reactor.

Richard Robert Thais, Vincennes, Indiana

B.S., Christian Brothers College, 1961. Dissertation: The Heat Capacity of Hastelloy X and SAE 1113 Steel at High Temperatures.

William E. Zenk, Battle Creek, Michigan

B.S.Ch.E., University of Notre Dame, 1961. Dissertation: Heat Transfer to a Single Sphere at Low Reynold's Numbers.

The Degree of Master of Science in Electrical Engineering on:

† Robert Vincent Chou, Flushing, New York

B.S.E.E., University of Notre Dame, 1961.

John Vincent Donlon, Junior, Farmingdale, New York

B.A., University of Notre Dame, 1961; B.S.E.E., ibid., 1962.

† Walter Stephen Duspiva, Katonah, New York

B.S.E.E., University of Notre Dame, 1961.

† James Philip Ehrman, Erie, Pennsylvania

B.S.E.E., University of Notre Dame, 1961.

Charles Christian Hanson, Rochester, Minnesota

B.E.E., University of Minnesota, 1959.

César Hernández Cela, Madrid, Spain

Perito Industr. Electr., Esc. de Peritos Industriales de Cartagena (Spain), 1958.

† Carlos A. P. Holzmann, Santiago, Chile

Electron. Tec., Univ. Católica de Valparaíso (Chile), 1960.

James Edward Houghton, South Bend, Indiana

B.S.E.E., University of Notre Dame, 1949.

Thomas Thaddeus Kubista, West Concord, Minnesota

B.A., College of St. Thomas, 1961; B.S.E.E., University of Notre Dame, 1961.

† Arthur Yoshiaki Kushi, Los Angeles, California

B.S.E.E., University of Notre Dame, 1961.

Roland Louis Lippert, South Bend, Indiana

B.S.E.E., University of Minnesota, 1957.

William Dennis O'Neill, Matteson, Illinois

B.A., College of St. Thomas, 1961; B.S.E.E., University of Notre Dame, 1962.

Robert Patrick Parnell, Brooklyn, New York

B.A., University of Notre Dame, 1958; B.S.E.E., ibid., 1960.

† Percy Anthony Pierre, New Orleans, Louisiana

B.S.E.E., University of Notre Dame, 1961.

† Frederick Richard Ralph, Evergreen Park, Illinois

B.S.E.E., University of Notre Dame, 1961.

Warner Clifford Wintrode, South Bend, Indiana

B.S.E.E., South Dakota School of Mines and Technology, 1940.

Robert M. Woelfle, South Bend, Indiana

B.S.E.E., Fournier Institute of Technology, 1955.

The Degree of Master of Science in Engineering Science on:

Michael Burke McGrath, Davenport, Iowa
B.S.M.E., University of Notre Dame, 1960.

Richard Mills Nielsen, Junior, Trenton, Michigan
B.S.Eg.Sc., University of Notre Dame, 1961.

Philip Meade Ryan, Scarsdale, New York
B.S., University of Notre Dame, 1961.

Theodore Edmund Sarphie, Hattiesburg, Mississippi
B.S.Eg.Sc., University of Notre Dame, 1961.

James Joseph Toal, Monmouth, Illinois
B.S.Eg.Sc., University of Notre Dame, 1961.

The Degree of Master of Science in Mechanical Engineering on:

Donald W. Boekemeier, South Bend, Indiana
B.S.M.E., Washington University, 1953.

† Jerome Arthur Donlon, Farmingdale, New York
B.S.M.E., University of Notre Dame, 1961. Dissertation: Laminar Free Convection Along a Vertical Plate for Extremely Low Grashof Numbers.

† Charles Richard Evces, East Liverpool, Ohio
B.S.M.E., University of Notre Dame, 1960.

† Walter B. Hodapp, South Bend, Indiana
B.S.A.E., University of Notre Dame, 1950.

† George Peter Janicek, Smithtown, New York
B.S.M.E., University of Notre Dame, 1961.

† Milton Francis Keck, South Bend, Indiana
B.S.M.E., The University of Oklahoma, 1953.

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B.S.Eg.Sc., University of Notre Dame, 1961. Dissertation: On the Calculation of Hydrodynamic Stability of Unsteady Laminar Incompressible Boundary Layers.

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† Richard Michael Liptak, Cleveland, Ohio
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† Charles M. Lovas, Barberton, Ohio
B.M.E., University of Akron, 1961. Dissertation: A Study of the Determination of the Characteristic Function of Feedback Control Systems.

† John V. Rejeske, South Bend, Indiana
B.S.M.E., Illinois Institute of Technology, 1955.

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B.S.M.E., Gonzaga University, 1961.

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- Robert Gaynor Berry, Reno, Nevada
A.B., University of Nevada, 1961
- Stephen Charles Bower, Kentland, Indiana
A.B., University of Notre Dame, 1962
- Thomas Edward Brannigan, Chicago, Illinois
A.B., University of Notre Dame, 1962
- Philip Bernard Byrne, Saint Paul, Minnesota
A.B., St. Mary's College, 1960
- Anthony Michael Calderone, Battle Creek, Michigan
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- Kevin Patrick Connelly, Wheaton, Illinois
B.S., University of Notre Dame, 1958
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- Neil Patrick Crooks, Green Bay, Wisconsin
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A.B., University of Notre Dame, 1959. B.S., (Ch.E.), University of Notre Dame, 1960
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- Dennis Russell Powell, Hammond, Indiana
B.B.A., University of Notre Dame, 1959
- Allan Robert Saxe, San Jose, California
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- James Frederick Searcy, Elkhart, Indiana
B.S., Indiana University, 1960
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B.S., (CE), Pennsylvania Military College, 1960
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-

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* Cum Laude

** Magna Cum Laude

*** Maxima Cum Laude

† Degree Conferred February 1, 1963

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George Marcus Kerin, Denver, Colorado
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John Christopher McCullough, Reading, Massachusetts
Michael Christopher McDermott, Chicago, Illinois
Francis James McDonald, Grosse Pointe, Michigan
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Michael Thomas McDonough, Dubuque, Iowa
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Lawrence Robert McGinniss, Elmhurst, New York
Robert Edward McGowan,* South Ozone Park, New York
Thomas Andrew McGowan,* Lawrence, Massachusetts
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George Gilfoil McGuire, Wellesley, Massachusetts
John David McGurie, Staten Island, New York
William John McHale, Flushing, New York
John Stanislaus McIntyre, New York, New York
Leo Robert McIntyre, Allentown, Pennsylvania
Michael Clark McKearn, Beloit, Wisconsin
John Calvin McLaughlin, Pendleton, Indiana
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John Regis McNamara, Binghamton, New York
Robert Patrick McNeill,*** Winnetka, Illinois
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Michael Frank Mikan, C.S.C., Chicago, Illinois
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Donald Eugene Mulligan, Omaha, Nebraska
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James Wallace Fraser, Akron, Ohio
Charles Martin Hartman, Dearborn, Michigan
Robert Jerome Hoover, Niagara Falls, New York
Stephen Francis Lawless, Buzzards Bay, Massachusetts
Donald Francis McMillen, Jr.,* Pasadena, California
John Francis Motier, Chicago, Illinois
Thomas Joseph Murphy, Pittsburgh, Pennsylvania
Michael Yvo Oester, Westchester, Illinois
Michael John Quayle, Menasha, Wisconsin
David Hibbard Smith, Mexico, Missouri

The Degree of Bachelor of Science in Geology on:
Harry Thomas Sampson, Mahwah, New Jersey
Michael John Switek, Jr., South Orange, New Jersey

The Degree of Bachelor of Science in Mathematics on:
David Warren Akers, Seattle, Washington
David Harry Culver,* Akron, Ohio
Edward Lawrence Delahanty, III, South Bend, Indiana
Vladimir Drobot,* South Bend, Indiana
Michael Joseph Froning, Kennett Square, Pennsylvania
Robert Michael Jones,** Briarcliff Manor, New York
James Thomas Lewis,** Johnson City, New York
Paul Edmund Pollock, Merrick, New York
Vincent Frederick Rickey, Peoria, Illinois
Thomas Patrick Schwartzbauer,* St. Paul, Minnesota
Edward George Siegfried,*** Mount Clemens, Michigan
William Warren Todd, Independence, Missouri
John Francis Walker, Jr.,* Bronx, New York

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Barry Ernest Burke,** Anita, Iowa
Kevin Eric Cahill,** New York, New York
George Wesley Clark, Jr., Mahopac, New York
David Francis Czulewicz, Erie, Pennsylvania
David Charles DeMartini, Cincinnati, Ohio
†John Davis Dow, North Caldwell, New Jersey
David Paul Eartly, Hammond, Indiana
James Robert Erickson, Lake Worth, Florida
David Edward Fogarty, Rutherford, New Jersey
Arthur Samuel Graham, Jr., Hershey, Pennsylvania
A. G. Hermida,* Mayaguez, Puerto Rico
David James Kennedy, Louisville, Kentucky
John Francis Koss, Hopkins, Minnesota
Richard Alfred Matzner,** Hurst, Texas
John David McLeod, Mount Clemens, Michigan
Michael Lee Merritt, Nellis Air Force Base, Nevada
Denis Paul Morrow, Louisville, Kentucky
James Earl O'Rourke, Rock Hill, Missouri
Lyle Anthony Pauer, Cleveland, Ohio
James Stanford Schilling, Kansas City, Kansas
David Robert Shivell, St. Louis, Missouri
Charles Robert Tilford, Spokane, Washington

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Robert Knight Anzinger, Springfield, Ohio
Wallace Patrick Berkowitz, Jersey City, New Jersey
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Barry Alan Bohn, Fort Lauderdale, Florida
Terrence Kevin Boyle, Munster, Indiana
Ronald Michael Budzinski, South Bend, Indiana
Albert Daniel Carey, Jr., Metuchen, New Jersey
Stephen Franklin Carley, Atlanta, Georgia
Michael Scott Carroll, Abiquiu, New Mexico
Patrick Joseph Cavanaugh, Cincinnati, Ohio
George Joseph Choby, Johnstown, Pennsylvania
Joseph Paul Chollak, Edwardsville, Pennsylvania
Harry John Clark, III, New Orleans, Louisiana
Thomas Patrick Cliffel, Cleveland, Ohio
John Thomas Coleman, Evanston, Illinois
Michael Joseph Connor, West Nyack, New York
Joseph Alexander Conrad, Jr., Chillicothe, Missouri
Thomas Joseph Crowe, Oak Park, Illinois
Robert Maurice Dale, Franklin, Pennsylvania
George Jerome DiDonna, Schenectady, New York
Joseph John D'Onofrio, East Rockaway, New York
Philip Lee Dorsey, Des Moines, Iowa
Patrick Joseph Duddy, Wyomissing Pennsylvania
David Richard Federick, Fulton, New York
Owen Francis Feeney, Jersey City, New Jersey
Kenneth Robert Fiscella, Bayonne, New Jersey
Robert Hannon Fitzgerald, Jr., Shawnee Mission, Kansas
† William Gregory Foust, Clarksville, Tennessee
Lawrence Joseph Freant, Atlanta, Georgia
Nicholas Richard Frost, Watertown, Wisconsin
† Jacob Michael Gerend, Sheboygan, Wisconsin
Donald Nevin Gillespie, Butte, Montana
Maurice Edward Gillespie, Reading, Massachusetts
John Joseph Guarnaschelli, Louisville, Kentucky
† Wallace Joseph Guillaume, New Orleans, Louisiana
Patrick Lawrence Haley, La Salle, Illinois
Nicholas Joseph Havel, Santa Monica, California
Raymond Alpha Hedge, South Bend, Indiana
Joseph Richard Hickey, Batavia, New York
Thomas Bruce Hotopp, Wilmington, Delaware
James Lafayette Hughes, Haddon Heights, New Jersey
William Bernard Kelley, Mount Morris, New York
Joseph Andrew Kisslo, Forty Fort, Pennsylvania
Garron Lewis Klepach, Detroit, Michigan
Gerald Joseph Koerner, Jr., Elmhurst, Illinois
Wayne Anthony Kraus, Louisville, Kentucky
Ronald Milton Kupper, Louisville, Kentucky
William Andrew Kutzavitch, Pittsburgh, Pennsylvania
Lawrence Thomas Kwiat, Garden City Park, New York
Norman Anthony Latona, Birmingham, Alabama
Byron Jen Lee, Los Angeles, California
Daniel Francis Lloyd, Durango, Colorado
Richard Henry Mack, Cleveland, Ohio

Philip Walter Marin,* New York, New York
Richard Thomas McDermott, Jr., Chelmsford, Massachusetts
†James Hill Mero, Fort Lauderdale, Florida
†Robert John Moran, Rockville Centre, New York
Robert Eugene Moylan, Scranton, Pennsylvania
Michael Patrick Murphy, Dixon, Illinois
†Brother John Nicpon, C.S.C., Albany, New York
John Gartland O'Brien, Rumford, Rhode Island
†Thomas Francis O'Grady, Brooklyn, New York
Robert Ralph Pennell, Hamilton, Massachusetts
Robert John Rodgers, Marianna, Pennsylvania
Gilberto Enrique Rodriguez-Velez, San Juan, Puerto Rico
Leo Thomas Rozum, Watertown, South Dakota
Michael Joseph Ryan, Jr., Kansas City, Kansas
Ronald Michael Saldino, Indianapolis, Indiana
Steven Charles Schueller, Dubuque, Iowa
Frederic Karl Scott, Canton, Ohio
James Brian Sheedy, Clarence, New York
George W. Sheer, III, Salem, New Jersey
Richard Emory Sobonya,* Cleveland, Ohio
David Winston Stegman, Marshalltown, Iowa
Lawrence Michael Stilinovic, St. Louis, Missouri
Lawrence Robert Sturm, Oklahoma City, Oklahoma
Timothy James Tomasi, Bennington, Vermont
Paul Michael Tschirhart, Dearborn, Michigan
Richard James Tushla, Auburn, Nebraska
James Anthony Umhey, Brooklyn, New York
David Leonard Utschig, Appleton, Wisconsin
Thomas Ray Vecchione, Steubenville, Ohio
James Michael Verleye, Mishawaka, Indiana
Frank Thomas Vitro, Jr., Westerly, Rhode Island
Robert George Walter, Milwaukee, Wisconsin
Steffen Robert Wellstein, Fostoria, Ohio
Robert Warren Wilkinson, Wahiawa, Hawaii
Thomas Gordon Willmeng, Watervliet, Michigan
Michael Edward Zapf, Lyndonville, New York
Louis Joseph Madsen Zinterhofer, Midland, Texas

THE COLLEGE OF ENGINEERING

The Degree of Bachelor of Science in Aeronautical Engineering on:

Larry William Beaupre, Rochester, Michigan
Clinton Marshall Brooks, New Haven, Connecticut
Thomas William Brunner, Lima, Ohio
John Charles Bruno, New York, New York
Gerald Lee Dougherty, Appleton, Wisconsin
Robert Joseph Duffy, Ventner, New Jersey
Timothy Michael Fabac, Kansas City, Kansas
Frank Mary Gagliardi, Larchmont, New York
John Joseph Garrity, Green Bay, Wisconsin
Michael O'Donnell Harron, Bryn Mawr, Pennsylvania
John Franklin Jordan, Jr., Atlanta, Georgia
Joseph Edward Kelly, Wheeling, West Virginia
Charles Francis Knapp, Evansville, Indiana
Patrick Hugh McDonnell, Omaha, Nebraska

Joseph Gerard McDougall,* Niagara Falls, New York
Raymond James McEneaney, Dover, New Hampshire
William James Moran, Thornwood, New York
†Jack Val Moriarty, Indianapolis, Indiana
Denis Duane O'Donoghue, Guilderland, New York
Edward Peter Raleigh, Jr., Brockton, Massachusetts
†Marshall Wayne Thomas, Pensacola, Florida
Lawrence James Weber, Berlin, Connecticut
Randolph John Wolf, New Ulm, Minnesota

The Degree of Bachelor of Architecture on:

David George Battle, Missoula, Montana
Carlisle Edward Cooper, Webster Groves, Missouri
Paul Valere DesRochers, Wilmington, Delaware
Edward Owen Donnelly, Waltham, Massachusetts
Peter Gerald Doyle, Beaumont, Texas
Stephen Luke Enright, Winchester, Massachusetts
†William Jerome Fay, Hollywood, California
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Denis Peter Gill, Rocky River, Ohio
Robert Alfred Green, Jr., Pleasantville, New York
Sam Anson Haffey, Lyndhurst, Ohio
William Benjamin Highfield, Jr., South Bend, Indiana
Robert Edward Hoffmann, Chicago, Illinois
James Edward Huiskamp, Keokuk, Iowa
Francis Carl Maersch, Sheboygan, Wisconsin
Michael Joyce Myles, Chappell, Nebraska
Frank William Patout, Navasota, Texas
†Stephen Allen Roake, Great Neck, New York
Ira John Studebaker, Belmond, Iowa
Robert John Taylor, Westfield, New Jersey
Thomas Joseph Weis, Louisville, Kentucky

The Degree of Bachelor of Science in Civil Engineering on:

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William Earl Beier, III, Lombard, Illinois
Gerald Michael Belian, Detroit, Michigan
David Doyle Bubb, Grafton, Ohio
Daniel John Castellani, Chicago, Illinois
Richard Lancelot Chin, Kingston, Jamaica, West Indies
John Alexander Costello, Willow Springs, Illinois
James Bernard Coyne, Belleville, Illinois
Ronald James Drnevich, East McKeesport, Pennsylvania
George William Hardy, Clarence, Missouri
†Mark Lester Hermann, Greensburg, Indiana
Robert Charles Juster, Clifton, New Jersey
John Paul Keeley, III, Clarksburg, West Virginia
Robert James Kendra, Fitchburg, Massachusetts
Richard Lannin, Ramsey, New Jersey
Charles Joseph Lauer, Elkhart, Indiana
Daniel Richard Lawson, Council Bluffs, Iowa
Robert Donald Mahoney, Manchester, New Hampshire
Donald Eugene Matzzie, Ambridge, Pennsylvania

Timothy Julian McAlloon, Berwyn, Illinois
Michael Joseph McInerney, Jr., Washington, D.C.
†Mark William McShane, Pittsburgh, Pennsylvania
†Anthony August Napoli, Chicago Heights, Illinois
Gerard Aloysius Neumann, Great Neck, New York
Robert Perry Price, High Point, North Carolina
Henry Louis Ritter, Grosse Pointe, Michigan
Juda Eber Rozenberg, South Bend, Indiana
Edward Vincent Rust, Belleville, Illinois
Mathias John Sagartz, Chicago, Illinois
Arthur Anthony Schrage, Detroit, Michigan
Joseph Leo Shiely, III, St. Paul, Minnesota
†Santiago Monge Solano, Bogota, Colombia
John Hubert Sonderman, St. Louis, Missouri
John Frederick Thimes, Omaha, Nebraska
Lawrence William Valli, Glendale, Missouri
David Evert Wallin, Merrill, Wisconsin
†Thomas Patrick Walsh, Flushing, Long Island, New York
Dennis William Whitmer, Youngstown, Ohio
Robert Kenneth Wilson, South Bend, Indiana
Oscar Peter Wong, Cambridge, England
Vincent James Zipparro, Chicago, Illinois

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Edmund Charles Barton, White Plains, New York
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David John Cleary, Gridley, Illinois
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Michael Edward DelMonte, Philadelphia, Pennsylvania
Emmett Joseph Evans, Jr., Mobile, Alabama
Thomas Fallat, Atlas, Pennsylvania
†Charles Eugene Frantz, Jr., Boise, Idaho
Paul Joseph Gund, St. Louis, Missouri
John Russell Hanley, Little Falls, New Jersey
William Benjamin Hardigg, Madison, Indiana
Denis Leigh Hewitt, Pittsburgh, Pennsylvania
Robert Raymond Klein, Cleveland, Ohio
Dennis Joseph Mazurkiewicz, Queens, New York
Lawrence George McDonald, Falmouth, Massachusetts
Dennis Charles McMahon, Brooklyn, New York
John Richard Meyers, Lewiston, New York
Andrew Joseph Miciotto, Shreveport, Louisiana
Richard Jerome Peplinski,* Green Bay, Wisconsin
Robert Richard Rowe,** Niles, Illinois
Philip John Ryan, Waukegan, Illinois
Thomas Joseph Snee, Monroe, New York
Robert Carl Swed, Morton Grove, Illinois
John Ralph Wagner, Jr., Utica, New York
†Allen Gosier Walter, Wilmington, Delaware
William Arnold Westhaus, Royal Oak, Michigan
†John Francis Willacker, Bucyrus, Ohio
Richard Francis Woestman, Carthage, Missouri
Edward John Zadzora, Jr., Catasauqua, Pennsylvania

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Philip Robert Amend, Beloit, Wisconsin
Felix Amos Balmaz, Conway, Arkansas
Frank William Bolek,* Chicago, Illinois
John Joseph Brann, Jr., Williamsport, Pennsylvania
†Thomas Francis Burke, Lake Forest, Illinois
†Richard Joseph Burtzlaff, Mansfield, Ohio
John Emery Butkovich, Fairless Hills, Pennsylvania
Timothy Francis Byrne, Brooklyn, New York
†Terrence James Campbell, Hazleton, Pennsylvania
Joseph Francis Carlino, Long Beach, New York
Leo Otto Craft,** Tyler, Texas
Daniel Richard Deely, Jr., Morrisville, Pennsylvania
John Ernest DeLee, South Bend, Indiana
David Louis Devine, Racine, Wisconsin
Leonard John Forys,* Depew, New York
Robert James Fraleigh, New York, New York
Louis Stuart Gibson, III, Broadview, Illinois
Timothy Francis Glennon, Chicago, Illinois
James William Green, Butler, Pennsylvania
John William Green, III, St. Louis, Missouri
Robert Leo Hayes,* Johnson City, New York
George Edward Heil, Monroe, Michigan
Edwin Joseph Hermanns,* Stroudsburg, Pennsylvania
John Gustav Hoos, Evansville, Indiana
John Joseph Imperial, Baldwin Harbor, New York
John Anthony Karcz, Lawrence, Massachusetts
David Ralph Koepke, Grand Ledge, Michigan
Allen John Korenjak,*** Chicago, Illinois
Michael George Kovac, Lincolnwood, Illinois
Bruce William Kramer, Plandome, New York
Walter Colby Kuhnel, San Antonio, Texas
Michael John Kurzeja, Jr., Chicago, Illinois
Arthur Francis Lange,* Summit, New Jersey
Dale Clement LaPorte, Cleveland, Ohio
Michael Clare Luecke, Chicago Heights, Illinois
James Clarence Maender, Clayton, Missouri
Charles James Maffeo, Albany, New York
James Robert Mantey, Sharon Springs, Kansas
†Howard Gray Massung, Coraopolis, Pennsylvania
Leo Donald Maus,* Raleigh, North Carolina
Roger Lynn McLaughlin, Nashville, Tennessee
Joseph Carl Mendel, Charlotte, North Carolina
Thomas Richard Michael, Anderson, Indiana
James Michael Moran, Jr.,* Leominster, Massachusetts
John Joseph Mulrooney, Memphis, Tennessee
†Rafael Ignacio Mariño Navas, Bogota, Colombia, South America
Boleslaus Hubert Nowicki, Indianapolis, Indiana
Eduardo Gino Politi, Bogota, Colombia, South America
Isaac Rene Porche, New Orleans, Louisiana
Arthur Paul Ricchiuti, Pottsville, Pennsylvania
George Francis Rice, Madawaska, Maine
†Michael Colin Rice, Willimantic, Connecticut
Raymond Christian Richelsen, Chicago, Illinois
Harry Bernard Rutemiller, Cincinnati, Ohio
James Michael Salmon, Chicago, Illinois

John Stephen Srnec, Youngstown, Ohio
Paul George Stadler, Cincinnati, Ohio
Joseph James Werner, Kenosha, Wisconsin
Joseph Justin Whiteside, Pittsburgh, Pennsylvania
David Louden Zeph, Indianapolis, Indiana

The Degree of Bachelor of Science in Engineering Science on:

Robert Arthur Clark, Honolulu, Hawaii
Michael Patrick Curran, Lee's Summit, Missouri
James Frank Dubois, Dearborn, Michigan
†Thomas Raphael Freeman, Cincinnati, Ohio
Timothy Phelps Haidinger, Pasadena, California
Samuel Paul Jones, Dowagiac, Michigan
Albert James Leineweber, ** Chicago, Illinois
John Joseph Miller, Bronx, New York
Louis Eugene Ostermann, Carrollton, Illinois
Paul Thomas Pitlick, * Pasadena, California
Edward Emil Simodynes, David City, Nebraska
Robert Michael Smith, Carmel, New York
Christian Herbert G. von Kerczek, Wilson, North Carolina
†Stephen John Weiland, Skokie, Illinois
David Francis Winter, Narragansett, Rhode Island

The Degree of Bachelor of Science in Mechanical Engineering on:

†Theodore Leonard Bartman, Wheeling, Illinois
James Robert Best, Watertown, New York
Robert Luke Betzler, Wilkes-Barre, Pennsylvania
Richard Carpenter Boemer, Milwaukee, Wisconsin
†Frederic John Bremer, Cleveland, Ohio
†David Alan Brune, Baltimore, Maryland
†William Robert Clark, Youngstown, Ohio
Thomas Jerome Connolly, Ottawa, Illinois
†Jorge De La Mora, Bogota, Colombia, South America
Gerald Richard Ehrman, Erie, Pennsylvania
Michael Joseph Foster, Findlay, Ohio
John Cornelius Gaynor, Chicago, Illinois
Loren David Griffin, Jr., Denver, Colorado
James Frederick Grondin, Columbus, Mississippi
John Edwin Hagerty, Toledo, Ohio
Bernard Leo Hirsch, Chillicothe, Ohio
Harold Vincent Hoffman, Trenton, New Jersey
George Clair Hopkins, Jr., Kennewick, Washington
Robert Burns Irvine, Jr., Manhattan, Kansas
John Joseph Kane, Jr., Glenside, Pennsylvania
Nicholas Henry Kuehn, III, * Chicago, Illinois
Earl Louis Linehan, Tulsa, Oklahoma
†James Robert McNulty, Niagara Falls, New York
Barry Howard Miller, Reading, Pennsylvania
†James William Milton, Sands Point, New York
†Robert Edward Naro, Jamaica, New York
†Thomas Height O'Mara, Jersey City, New Jersey
†Ali Cardoso Parga, Ibagué, Colombia, South America

James Henry Remmers, Louisville, Kentucky
William Ritter, Bridgeton, New Jersey
Michael Peter Rothstein, Mobridge, South Dakota
Charles Dorsey Schaffler, Memphis, Tennessee
†Joseph Svalenka, Chicago, Illinois
Patrick Allen Thesier, Carthage, New York
James Joseph Thomas, Rockford, Illinois
†Gabriel Vidal, Calle Valle, Colombia, South America
†Robert Henry Watkinson, Andover, Massachusetts
†John Anthony Watling, Lorain, Ohio
†Thomas John Weber, Waukesha, Wisconsin
Michael Anthony Whitney, Cleveland, Ohio
Randolph English Wise, Philadelphia, Pennsylvania
Charles Richard Ziegler, Baltimore, Maryland

The Degree of Bachelor of Science in Metallurgical Engineering on:

George Joseph Dooley, III, Springdale, Connecticut
James Cletus Hartman, Fort Wayne, Indiana
Robert Carl Hoffman, Elmwood Park, Illinois
John Joseph Kacsits, South Bend, Indiana
Edward James Kearney, Albany, New York
Robert James Metzger, Blacksburg, Virginia
Joseph Michael Morabito, Miami, Florida
Daniel Harrington Francis Werner, Southampton, New York

THE COLLEGE OF BUSINESS ADMINISTRATION

The Degree of Bachelor of Business Administration on:

William David Ames, Jr., Dixon, Illinois
John William Andreoli, Philadelphia, Pennsylvania
Louis John Andrew, Jr., Fond du Lac, Wisconsin
Clifford Napoleon Angers, Detroit, Michigan
David Thomas Armstrong, Indianapolis, Indiana
Jerold Edward Aubry, Ottawa, Illinois
Robert Ferrell Baer, Birmingham, Michigan
James Patrick Bailey, Wilmington, Delaware
Duane A. Balcerski, Grosse Pointe, Michigan
Charles Dwyer Baldinger, South Bend, Indiana
Joseph James Balok, Elmira, New York
Robert Roman Banacki, South Bend, Indiana
Walter Frank Banas, Nashville, Tennessee
William Martin Barth, Chicago, Illinois
Thomas Henry Bejin, Grosse Pointe, Michigan
James Joseph Bemis, Omaha, Nebraska
James McAllister Bennan, Chicago, Illinois
William Joseph Bennett, Pittsfield, Massachusetts
Arthur Yell Berry, III, Fort Smith, Arkansas
Robert Edwin Bertke, Lakewood, Ohio
†Charles Rufus Black, Corning, Arkansas
Dennis Peter Blay, Clearwater, Florida
Eugene Alexander Blish, Denver, Colorado
Raymond Michael Blockinger, Pittsburgh, Pennsylvania
John Paul Boka, St. Louis, Missouri
Gerald John Boland, Louisville, Kentucky

James Peter Boland, Louisville, Kentucky
Raymond James Bonanno, Detroit, Michigan
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Roger Leo Brandt, Syracuse, New York
Robert Leo Braun, Aurora, Illinois
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Gerald William Brinker, Cincinnati, Ohio
†Larry Tim Brown, South Bend, Indiana
Robert Vincent Buckley, Red Bank, New Jersey
Terry Richard Buether, Los Angeles, California
Robert John Burke, Wakefield, Rhode Island
Robert Eugene Burrill, Jr., Norwalk, Ohio
Myron Joseph Busby, Terre Haute, Indiana
Louis Joseph Buscher, Berwyn, Illinois
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Terrence James Clark, Jr., Chicago, Illinois
James Richard Cocquyt, Mishawaka, Indiana
Timothy Joseph Condon, Rockford, Illinois
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John Francis Cooney, Santa Ana, California
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†Donald Peter Couch, Little Rock, Arkansas
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Thomas Edward Dalum, Elm Grove, Wisconsin
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George Tynan Demetrio, Jr., Evanston, Illinois
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Joseph Stephen Desmond, Jr., Quincy, Massachusetts
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Gordon Peter Dietzler, Chicago, Illinois
Robert W. Dillon, Palatine, Illinois
William Sladier Dinger, Searingtown, New York
James Carl Dippman, Mount Prospect, Illinois
John Francis Dougherty, Mays Landing, New Jersey
Austin Joseph Doyle, Jr., Kalamazoo, Michigan

†Roger Alan Driscoll, Charlotte, North Carolina
John Purdy Duffy, Michigan City, Indiana
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Edgar Clarence Eck, Jr.,* Richmond, Virginia
John Charles Edwards, Tulsa, Oklahoma
Robert Dennis Egbers, Cincinnati, Ohio
Lance Arthur Ehrke, Elm Grove, Wisconsin
James Oliver Eide, Fargo, North Dakota
Gerald Thomas Eisenman, Columbus, Ohio
Terry Stephen Elberson, Defiance, Ohio
Thomas Michael Elzen,* Jackson, Mississippi
Hugh McC. Evans, Jr., New Orleans, Louisiana
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Robert Francis Falkner, Indianapolis, Indiana
†James William Falvey, Niles, Michigan
Ronald Peter Fakler, Provo, Utah
†Robert Lee Farra, Medford, Oregon
Harry James Fath, Jr., Cincinnati, Ohio
Eugene Michael Faut, Skokie, Illinois
Dennis Vincent Favero, Leechburg, Pennsylvania
Robert Joseph Feehery, Chicago, Illinois
Leonel Raymond Felteau, Lynn, Massachusetts
Robert William Ferrel, Appleton, Wisconsin
Edward William Fitzgerald, Jr., Winnetka, Illinois
Robert Armstrong Fitzmaurice, Darien, Connecticut
Thomas Alan Floyd, Racine, Wisconsin
Richard Heim Foley, South Bend, Indiana
Robert Allie Frey, Bonner Springs, Kansas
Anthony Charles Friedman, St. Paul, Minnesota
Bruce Alan Fuggiti, Chicago, Illinois
Robert Francis Gannon, Cleveland, Ohio
Michael Lucian Garrett, Akron, Ohio
Boyd Lee George, Hickory, North Carolina
John Francis Gibbons, Lakewood, Ohio
Michael Holway Gibbons, Syracuse, New York
Richard Charles Ginder, Youngstown, Ohio
Lawrence James Gist, Port Arthur, Texas
Richard Craig Gold, Randolph, New York
Bernard Joseph Gorski, South Bend, Indiana
Philip Murray Grace, Youngstown, Ohio
Thomas Michael Graham, York, Pennsylvania
John Michael Green, Jr., Beaumont, Texas
Peter Anthony Grzesiak, Jr., Chicago, Illinois
Thomas Joseph Guerre, Gary, Indiana
George Andrew Guida, Tampa, Florida
Edward William Guntz, Indianapolis, Indiana
Thomas Charles Halperin, Chicago, Illinois
†Robert Louis Hamilton, Jr., Racine, Wisconsin
Theodore Peter Harding, Roslyn Heights, New York
Patrick Nicholas Harkins, III, Jackson, Mississippi
James Joseph Hartley, Palisades Park, New Jersey
John Andrew Hauter, Harvey, Illinois
William James Hein,* Peru, Indiana
Patrick David Hellman, Lexington, Nebraska
John Albert Hennessey, Vicksburg, Mississippi
Stephen Driscoll Henning, Atlanta, Georgia

Joseph Ralph Herbert, Greensburg, Pennsylvania
Patrick Michael Hickson, Edina, Minnesota
Stephen Henry Hollern, Jr., Dallas, Texas
Howard William Hooper, Jr., Muskegon, Michigan
Richard Louis Huelsmann,* Stillwater, Minnesota
James Howard Hughes, Chicago, Illinois
William James Hughes, Imperial, Nebraska
Thomas James Hynes, Farmington, New Mexico
James Edward Jack, Mishawaka, Indiana
George Alan Jackoboice, Grand Rapids, Michigan
Peter Donald Jason, Grosse Pointe, Michigan
Timothy Purnell Jenkins, Richmond, Indiana
Charles Albert Jordan, Clarendon Hill, Illinois
Michael Allyn Joyce, Columbus, Ohio
Michael Edward Juliano, Clifton, New Jersey
Louis Henry Kaiser, III, Reno, Nevada
Robert William Kaltenbacher, Pompano Beach, Florida
Frank Thomas Kapple, Morton Grove, Illinois
William Charles Karem, Louisville, Kentucky
Vincent Francis Kavanagh, Jr., Bloomfield, New Jersey
Paul Joseph Kelly, Jr., Freeport, New York
Thomas Francis Kelly, Fort Wayne, Indiana
Edward Walter Kennedy, Merrick, New York
Joseph Drew Kennedy, Brooklyn, New York
Henry Edward Kiley, Jr., Winchester, Massachusetts
Chester Terrance Kitch, Fort Wayne, Indiana
†John Daniel Kitch, Fort Wayne, Indiana
James Charles Kletter, Mount Lebanon, Pennsylvania
Ronald Leo Klimisch, Schofield, Wisconsin
Stephen Charles Knup,* Orange, Connecticut
Paul Everard Kohl, Lakewood, Ohio
Albert Theodore Kohout, Defiance, Ohio
John Frederick Kraft, Wausau, Wisconsin
Richard Jacob Kuzmich, Rock Hill, Missouri
John Mario Lamberti, Hollis, New York
Daryle Pat Lamonica, Fresno, California
Thomas Bernard Lawrence, Mishawaka, Indiana
Lawrence John Lee, Islip, New York
Paul Michael Lehner;*** South Bend, Indiana
John Sullivan Levicki, Lakewood, Ohio
Paul Dempster Lewis, Clayton, Missouri
Robert Anthony Lieb, Corona del Mar, California
Bill Lee Lieber, Gary, Indiana
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Ralph Brendan Long, Norfolk, Virginia
Louis Anthony Lucas, Delano, California
Richard Eugene Ludwig, Chicago, Illinois
John Francis Lynch, Cincinnati, Ohio
Larry Earl Mack, Anaheim, California
John Amend Macleod, Greenwich, Connecticut
John Phillip Madden, Houston, Texas
George Albert Maddock, Puyallup, Washington
Alfonso Anthony Magnotta, Albion, Michigan
Michael Patrick Maguire, Havertown, Pennsylvania
†James Irving Maher, Rochester, New York

Michael John Maher, Kokomo, Indiana
†Paul Barrie Maholchic, Kew Gardens, New York
James Edward Malling, Vestal, New York
Edward Gregory Marcato, Bronxville, New York
James Richard Mark, Evanston, Illinois
Francis Anthony Martello, Utica, New York
Robert Millard Martin, Wilmette, Illinois
Milton Joseph Martini, Koppel, Pennsylvania
Conrad Richard Maslowski, South Bend, Indiana
Vincent John Massa, Beaver Falls, Pennsylvania
Joseph Michael Masso, Glassboro, New Jersey
Ronald Joseph Mastej,* Detroit, Michigan
Robert Karl Maturi, Chisholm, Minnesota
Joseph Scott Maxwell, Glenside, Pennsylvania
†Michael David McAdams, Scarsdale, New York
Allan Joseph McCarte, Chicago, Illinois
Charles Joseph McCullough, Sherman, Texas
Michael Eugene McDonnell,* Davenport, Iowa
John Edward McFadden, Chicago, Illinois
Thomas Moore McGinnis, Jr.* Bardstown, Kentucky
Collins Edward McGovern, Jr., Narberth, Pennsylvania
William Hugh McMahon, Jr., Penns Grove, New Jersey
Richard Walter McManus, South Bend, Indiana
James Regis McNamee, Cleveland, Ohio
George William McSherry, Sherman Oaks, California
Martin Dennis Meeker, Arcadia, California
Robert Francis Mensik, La Grange, Illinois
Daniel Joseph Miller, Manhasset, New York
John Edward Miller, Jr., River Forest, Illinois
John Joseph Molloy, Buffalo, New York
Edward Christopher Moore, Bronx, New York
James Joseph Moran, Minneapolis, Minnesota
Lawrence William Morgan,* Oak Park, Michigan
Walter Andrew Mucha, Jr., South Bend, Indiana
John Henry Mulhern, Jr.,* Chicago, Illinois
Robert Anthony Mulshine, Floral Park, New York
Dennis Michael Murphy, Indianapolis, Indiana
John Lawrence Murphy, Toms River, New Jersey
Allen Davidson Murray, Bedford, Indiana
John Joseph Myers, McKeesport, Pennsylvania
Raymond Anthony Naimoli, Paterson, New Jersey
Edmund Lawrence Naspinski, Gary, Indiana
Thomas Anthony Neddy, Tonawanda, New York
Kenneth Leon Nelson, Perham, Minnesota
Bernard Louis Nemeth, South Bend, Indiana
†James William Nigbor, Stevens Point, Wisconsin
Lawrence John Niklas, Cincinnati, Ohio
Patrick Curtis Nolan, Decatur, Illinois
Michael Stanley Novak, Niles, Michigan
John Andrew Obbagy, South Bend, Indiana
Dennis Patrick O'Brien, South Bend, Indiana
James Hanley O'Donnell, South Bend, Indiana
John Joseph O'Donnell, Millersville, Pennsylvania
Kevin Maurice O'Neill, Shaker Heights, Ohio
Vernon Louis Pellman, Jr., Westlake, Ohio
†Carlos Manuel Osorio Peters, Nicaragua, Central America

George Gerald Price, Pensacola, Florida
Thomas Francis Prisby, Chicago, Illinois
Thomas Michael Prusha, Chicago, Illinois
Michael Edgar Queenan, Louisville, Kentucky
Kevin James Quinn, White Plains, New York
John Raymond Raedy, Chevy Chase, Maryland
George William Reamer, Garden City, New York
Thomas Lawrence Reid, Jr., Brockton, Massachusetts
Joseph Urban Rhone, Jr., Englewood, Colorado
Brian Downing Richardson, Southfield, Michigan
Stephen Joseph Rickert, Louisville, Kentucky
Thomas Patrick Riley, Detroit, Michigan
Richard Jerome Riordan, Montclair, New Jersey
Charles Edward Rivard, St. Clair Shores, Michigan
Edward David Roberts, Wilmette, Illinois
Robert George Robuck, Ellwood City, Pennsylvania
William Arthur Rogers, Park Ridge, Illinois
Robert Dominik Rose, St. Paul, Minnesota
Robert Allen Rudd, Louisville, Kentucky
Anthony Joseph Rusciano, Linden, New Jersey
John Vincent Ryan, III, Wilmette, Illinois
Philip Joseph Rye, Arlington, Texas
Paul Joseph Saghy, Pontiac, Michigan
†Terrence Edward Sauvain, Cleveland Heights, Ohio
Jerome William Schmidt, Cincinnati, Ohio
John Phillip Schmitt, Indianapolis, Indiana
Gregory John Schwartz, Detroit, Michigan
Thomas Albert Scott, Pittsburgh, Pennsylvania
David Francis Seng, Chicago, Illinois
John Ray Shaf, Lemont, Illinois
Martin Edward Sheridan, Cincinnati, Ohio
James Francis Sherlock, Chicago, Illinois
Frank John Simonic, Harrisburg, Pennsylvania
Philip Warren Skwiot, Chicago, Illinois
Frederick John Slamin, Milford, New Hampshire
John Aloysius Slattery, Grosse Pointe, Michigan
John Francis Sloman, Massapequa Park, New York
Burton Joseph Smith, Portland, Oregon
James John Smith, Petoskey, Michigan
William Byron Smith, III, Webster Groves, Missouri
Robert James Snow, Glens Falls, New York
Joseph Vincent Soisson, Jr., Greensburg, Pennsylvania
Alphonsus Marion Sommers, III, Germantown, Tennessee
Ronald James Stapleton, Gary, Indiana
Raymond William Starmann, Jr., Evergreen Park, Illinois
Harry Wesley Steele, Jr., Indianapolis, Indiana
David Anthony Stevens, Douglas, Arizona
Robbins Michael Stocking, Seattle, Washington
Richard Allen Stoffel, Milwaukee, Wisconsin
William Bernard Stone, Omaha, Nebraska
Stuart Frank Strieby, Quincy, Illinois
James Michael Sullivan, Denver, Colorado
Michael John Sullivan, Orange, Connecticut
Michael Peter Sullivan, Kalamazoo, Michigan
Richard John Sullivan, Lafayette Hill, Pennsylvania

Robert Joseph Sullivan, Lafayette Hill, Pennsylvania
David Paul Swire, Chicago, Illinois
Kenneth Thomas Telesca, Elmhurst, New York
Joseph Frederick Terranova, Whiting, Indiana
Arnold Mario Testa, Menlo Park, California
Edward Thomas Thilman, Jr., Wilmette, Illinois
Michael Carroll Thoman, Wilmette, Illinois
David Philip Thomas, Evanston, Illinois
Sawaya Norman Thomas, II, Jackson, Mississippi
Joseph Anthony Toland, Jr., Chicago, Illinois
James Francis Tracy, Staten Island, New York
George Francis Travers, Brooklyn, New York
Victor Anthony Trino, Rome, New York
Donald Charles Tully, Short Hills, New Jersey
Charles Robert Ubelhart, Louisville, Kentucky
Thomas Bartley Ure, Jr., Westfield, New Jersey
John Edwin Valeriote, Guelph, Ontario, Canada
Carl Eric Vandagrift, Fort Wayne, Indiana
William Virgil Vasu, Jr., Orchard Lake, Michigan
Paul Michael Voss, Birmingham, Michigan
Nicholas Robert Vucich, Benton Harbor, Michigan
Randolph Nickolas Vuksanovic, Hammond, Indiana
Michael Eugene Walker, Detroit, Michigan
James Michael Walsh, Waukegan, Illinois
Thomas Harry Walsh, Monticello, Illinois
Nicholas Edward Walz, Ojai, California
E. James Weber, Kankakee, Illinois
James Joseph Weber, Miami, Florida
John Edward Welch, Doland, South Dakota
Kenneth Joseph Wernke, Cincinnati, Ohio
†John Joseph Wilber, Jr., Rocky River, Ohio
Jay Hall Wilkinson, Waynesboro, Pennsylvania
Francis Joseph Wilson, Pittsburgh, Pennsylvania
David George Winter, Le Sueur, Minnesota
Gerald Andrew Witt, Long Beach, California
James Roy Woolwine, Wilmington, Illinois
†Juan Antonio Simón Yamuni, San José, Costa Rica
John Kenneth Yeckley, Grosse Pointe, Michigan
Samuel Henry Young, Jr., Danville, Illinois
John Joseph Zimmer, Manitowoc, Wisconsin
Thomas Joseph Zone, Wayland, New York

NATIONAL FELLOWSHIPS AND SCHOLARSHIPS AWARDED FOR 1963-64

United States Government Fellowships for Study Abroad:

- Richard J. Kavanaugh, for study in England (drama) (Fulbright Fellowship)
Leslie S. Domonkos, for study in Austria (mediaeval history) (Fulbright Fellowship)
William W. Kibler, for study in France (French literature) (Fulbright Fellowship)
Thomas A. McCarthy, for study in Belgium (philosophy) (Fulbright Fellowship)
George M. Murphy, for study in Hawaii (English) (East-West Center Fellowship)
Thomas P. Schwartzbauer, for study in Germany (mathematics) (Fulbright Fellowship)
Sister Mary Ernest Schwerdtfeger, O.P., for study in France (music) (Fulbright Fellowship)

National Science Foundation Cooperative Graduate Fellowships:

- Michael J. Brienza, (physics)
Robert P. Johnson, (mathematics)
Matthew D. Kelleher, (mechanical engineering)
Gerald B. Prewitt, (physics)
Franklin C. Smith, Jr., (physics)
Calvin J. Wolf, (mechanical engineering)

National Science Foundation Summer Fellowships for Graduate Teaching Assistants:

- Gary J. Hordemann, (mechanical engineering)
John A. Oppelt, (mathematics)
Dennis G. Petrille, (chemical engineering)
James J. Pottmyer, (chemical engineering)
Chester T. Raymo, (physics)

Root-Tilden Law Scholarships:

- | | |
|-------------------|---------------------|
| Anthony R. Basche | Francis J. Fornelli |
| George Q. Evans | |

Rhodes Scholarship:

- Robert P. McNeill

Danforth Fellowships:

- | | |
|-----------------|------------------|
| Kevin E. Cahill | John V. Reishman |
|-----------------|------------------|

Woodrow Wilson Fellowships:

- | | |
|-------------------|---------------------|
| John P. Ahern | Michael E. Murray |
| Kevin E. Cahill | John V. Reishman |
| Gerald J. Hewitt | Thomas J. Schlereth |
| John F. Hickey | Robert P. Stepsis |
| Robert E. McGowan | |

THE ACADEMIC COSTUME CODE

The history of academic dress reaches far back into the early days of the oldest universities. Academic dress finds its sources chiefly in ecclesiastical wear, although mediaeval scholars tended to adopt a collegiate costume. A statute of 1321 required that all "Doctors, Licentiates and Bachelors" of the University of Coimbra (Portugal) wear gowns. Beginning with the second half of the 14th century, civilian collegiate costume was specified in various regulations of the universities. European institutions continue to show great diversity in their specifications of academic wear.

In American colleges and universities, the academic costume is prescribed by the American Council of Education, and its present form was adopted in 1932. The first suggestion for a uniform code was made in May, 1895, following an educational conference at Columbia University. In 1902, the Intercollegiate Bureau of Academic Costumes was created. It codified the 1895 rules and its legal firm serves as a clearing house and "repository" for official university and college colors, costumes and insignia.

The present academic dress consists of gowns, hoods and cap with the pattern and trimmings listed below. Exceptions have been granted to specific universities upon request.

GOWNS: Black cotton with long pointed sleeves for the Bachelor's Degree, long closed sleeves (with a slit for the arms) for the Master's Degree, and bell-shaped open sleeves for the Doctor's Degree. The Bachelor's and Master's gowns do not have trimmings. The Doctor's gown is faced down the front with black velvet and there are three bars of velvet across the sleeves.

HOODS: Black in all cases. For the Master's it is three and one-half feet long and closed at the end. The Doctor's hood is four feet long with panels at the sides. All hoods are lined with the official color or colors of the college or university which conferred the highest degree. The edging of the hood is velvet and three inches and five inches in width for the Master's and Doctor's degree, respectively, while its color is distinctive of the subject field.

CAPS: Black cotton and stiffened into the so-called mortarboard style. Each cap has a long tassel fastened to the middle point of the top of the cap. The tassel color denotes the subject field. The Doctor's cap may have a tassel of gold thread.

Subject Field Colors Used on Hoods and Caps

Arts and Letters	White	Law	Purple
Commerce and Accountancy	Drab	Music	Pink
Economics	Copper	Philosophy	Dark Blue
Education	Light Blue	Physical Education	Sage Green
Engineering	Orange	Science	Golden Yellow
Fine Arts including Architecture..	Brown	Theology	Scarlet
Humanities			Crimson

Blue and Gold in Hoods Denotes a Notre Dame Degree