

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 C. 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. Dissertation: 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 O^{18} and N^{14} .
- 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 $Be^9(He,^3\alpha)Be^8$ and $Be^9(He,^3\alpha)2He^4$.
- 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 *Geranium 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) Coordination 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 Calcula-
tions; Some Nanosecond Half-Life Measurements.

Joseph J. Pushpathadam, Kerala, India
B.S.(Hons.), University of Madras, 1955. Major subject: Chemistry. Dis-
sertation: 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 Ef-
fects 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 Polymeriza-
tion 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 sub-
ject: 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 Casaletto, 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 de 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, Chicago, 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 Administration).
- 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, C. Jackson, Junior, United States Marine Corps, St. Louis, Missouri
A.B., Western Michigan College of Education, 1948. Major subject: Education.
- John Charles Kerkerer, 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, Scarboro Foreign Missions, Scarboro, 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 Athanacum 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 Principis 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, Eric, 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. Holzmamm, 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.
- Matthew Dennis Kelleher, Wantagh, New York
B.S.Eg.Sc., University of Notre Dame, 1961. Dissertation: On the Calculation of Hydrodynamic Stability of Unsteady Laminar Incompressible Boundary Layers.
- † Donald Ridgeway Kimble, South Bend, Indiana
B.S.M.E., Purdue University, 1957.
- † Richard Michael Liptak, Cleveland, Ohio
B.S.M.E., University of Notre Dame, 1961.
- † 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.
- Joseph Peter Ruppe, Junior, South Bend, Indiana
B.S.M.E., University of Notre Dame, 1956.
- David Charles Thoman, South Bend, Indiana
B.S.M.E., University of Notre Dame, 1956.
- † Calvin James Wolf, New Ulm, Minnesota
B.S.M.E., University of Notre Dame, 1961.
- † Robert Lindsay Wright, Spokane, Washington
B.S.M.E., Gonzaga University, 1961.

The Degree of Master of Science in Metallurgical Engineering and Materials Science on:

- † Dean Leo Jacobson, Kearney, Nebraska
B.S.Met. Eng., University of Notre Dame, 1961.

THE LAW SCHOOL

The Degree of Bachelor of Laws on:

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Robert Gaynor Berry, Reno, Nevada
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A.B., University of Notre Dame, 1962

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A.B., St. Mary's College, 1960

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Patrick Giles Cullen, Baltimore, Maryland
B.S., Loyola College, 1960

Ronald James D'Angelo, Brooklyn, New York
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Thomas Richard Joyce, Jr., Saint Paul, Minnesota
A.B., St. John's University, 1960

Edward Patrick Kearse, Binghamton, New York
A.B., University of Notre Dame, 1960

James Leon Lakin, Des Moines, Iowa
B.B.A., University of Notre Dame, 1960

Frank Paul Maggio, Rockford, Illinois
A.B., Regis College, 1960

Bernard Patrick Malone, Jersey City, New Jersey
 B.S., St. Peter's College, 1960

Norman Edward Matteoni, San Jose, California
 A.B., Santa Clara University, 1960

Wilfred J. Mayette, Burlington, Vermont
 A.B., St. Michael's College, 1960

Charles Flavian McErlean, Jr., LaGrange, Illinois
 B.S., Georgetown University, 1960

Harold Earl McKee, Jr., Western Springs, Illinois
 A.B., University of Notre Dame, 1959. B.S., (Ch.E.), University of Notre
 Dame, 1960

Robert John Noc, Rock Island, Illinois
 B.A., St. Ambrose College, 1960

Dennis Russell Powell, Hammond, Indiana
 B.B.A., University of Notre Dame, 1959

Allan Robert Saxe, San Jose, California
 A.B., Stanford University, 1960

William Edward Schirger, Rockford, Illinois
 B.S., St. Peter's College, 1958

James Frederick Searcy, Elkhart, Indiana
 B.S., Indiana University, 1960

Joseph Robert Sullivan, Ridley Park, Pennsylvania
 B.S., (CE), Pennsylvania Military College, 1960

James Anthony Wysocki, Chicago, Illinois
 B.B.A., University of Notre Dame, 1960

THE COLLEGE OF ARTS AND LETTERS

The Degree of Bachelor of Arts on:

John Paul Ahern,* Chicago, Illinois
William Robert Ahern, Chicago, Illinois
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John William Allen, C.S.C., Notre Dame, Indiana
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Conrad Joseph Bertz, Chicago, Illinois
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Dennis Timothy Brennan, Shaker Heights, Ohio
Patrick Joseph Brennan, Sycamore, Illinois
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Michael Melvin Byrne, Grand Ledge, Michigan
James Anthony Calderone, Galesburg, Illinois
Maurice Joseph Callahan, Jr.,* Chicago, Illinois
Robert Thomas Callahan, Asheville, North Carolina

* Cum Laude

** Magna Cum Laude

*** Maxima Cum Laude

† Degree Conferred February 1, 1963

Thomas John Calogero, Jr., West Islip, New York
 John Thomas Candell, Eau Claire, Wisconsin
 John Douglas Canfield,** Chevy Chase, Maryland
 † Robert Michael Carlton, Westchester, Illinois
 Clair Robert Carney, Detroit, Michigan
 James William Carney, Chicago, Illinois
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 David Waldron Chester, West Hartford, Connecticut
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 Salvatore Francis Cilella, South Bend, Indiana
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 Nicholas Gerald DiCuccio, Euclid, Ohio
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 Michael Bruce Flanagan, Port Arthur, Texas
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 William Michael Freidheim, Chicago, Illinois
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 Willis Francis Fry, Dixon, Illinois
 James Lawrence Galvin, McLean, Virginia
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 Emory Judson Gary, Louisville, Kentucky
 Rudolph Ernest Gawlik, C.S.C.,* Chicago, Illinois
 Charles Henry Gerwels, C.S.C., Notre Dame, Indiana
 Robert Emery Gesell, Grosse Pointe, Michigan
 Anthony Theodore Giattina, Birmingham, Alabama
 Robert Mark Gilbo, C.S.C., Alpena, Michigan
 Gerard Joseph Gillotti, Geneva, New York
 Richard Peter Giloth, Mt. Vernon, New York
 Daryl John Glick, Okemos, Michigan
 Martin Kenneth Gordon, Beverly Hills, California
 Thomas Francis Gordon, Kansas City, Missouri
 William Dudley Gorman, Chicago, Illinois
 † Arthur Samuel Graham, Jr., Hershey, Pennsylvania
 Joseph Stanislaus Grant, Norristown, Pennsylvania
 Hans Herbert Grauert, Rochester, New York
 Gerard Edward Gray, Jr., Baltimore, Maryland
 Joseph Martin Green,* Houston, Texas
 Andrew Joseph Griffin,* Evanston, Illinois
 Thomas Eugene Griffin, Jr., Monroe, Michigan
 Ronald John Guzda, C.S.C., Welland, Ontario
 Theodore John Habarth, C.S.C., Notre Dame, Indiana
 Edward Francis Hackett, Bloomfield, New Jersey
 James Edward Hakes, Des Plaines, Illinois
 William Baker Haley, Morrison, Colorado
 John Quinn Hall, Scarsdale, New York

Robert Michael Hanlon, Interlaken, New Jersey
 David John Hanson, Saco, Maine
 Kevin Gregory Hart, Walpole, Massachusetts
 Thomas Edward Harvey, South Bend, Indiana
 Lawrence Allen Hayden, Owensboro, Kentucky
 † Roy Charles Hayes, Detroit, Michigan
 Robert Leon Heath, Leoti, Kansas
 Walter John Heeney, Glenn Ellyn, Illinois
 Robert Joseph Hellrung, St. Louis, Missouri
 John Vincent Hennigan, Yonkers, New York
 James Michael Hess, Rockford, Illinois
 Gerald James Hewitt, II,* Sherman Oaks, California
 Kevin Joseph Heyd,* Peoria, Illinois
 Joseph Peter Heywang, Butler, New Jersey
 † Eugene Stuart Hilbert, Logansport, Indiana
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 Hilton Gray Hill, Roxbury, Massachusetts
 † Philip Edward Hockwalt, Akron, Ohio
 John George Hogan, Binghamton, New York
 † James Sylvester Hohenbrink, Fort Wayne, Indiana
 George Augustus Holloway, Jr., Atlanta, Georgia
 James Francis Holmes, Metairie, Louisiana
 Peter George Hourihan, Elizabeth, New Jersey
 Donald John Houtakker, Galena, Illinois
 Casper Mark Howard, Kalamazoo, Michigan
 † Thomas Joseph Hull, Saugerties, New York
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 Murray Joseph Indence, Port Washington, New York
 Richard Henry James, Portage, Wisconsin
 John James Jiganti, Chicago, Illinois
 William Foster Johnson, Tyler, Texas
 Robert Murray Johnston, New Orleans, Louisiana
 Thomas Anthony Jolie, Park Ridge, Illinois
 Philip John Jones, Wilmette, Illinois
 Stephen William Jones, Dallas, Texas
 Walter Thomas Jones, Marine City, Michigan
 William Clair Jordan, Denver, Colorado
 David Joseph Joyce, Winnetka, Illinois
 † Francis Xavier Kabuleta, C.S.C., Rev., Washington, D.C.
 Kelly Christian Kammerer, Whitestone, New York
 Thomas John Kapacinskas, Kewanee, Illinois
 Albert Anthony Kashinski, Barrington, Illinois
 Richard John Kavanaugh, Washington, D.C.
 Robert John Keane, Bronx, New York
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 John Francis Kelleher, Jr., Cambridge, Massachusetts
 Neil Kelleher,* Wethersfield, Connecticut
 James Edward Kelley, Ames, Iowa
 Joseph Aloysius Kelly, Wilmington, Delaware
 Raymond John Kelly, III,* Flint, Michigan
 Harvey Dean Kelsall, Wyckoff, New Jersey
 David Michael Kennedy, Stamford, Connecticut
 Charles Thomas Kenny,* Orangeburg, New York
 George Marcus Kerin, Denver, Colorado
 Thomas John Kern, Indianapolis, Indiana

William Westcott Kibler,** Kingsport, Tennessee
 Phillip Kenneth Kienast, Oconomowoc, Wisconsin
 Daniel Dennis Kiley, Indianapolis, Indiana
 Alfred George Killilea,** Andover, Massachusetts
 Michael Phillip Kingston, St. Paul, Minnesota
 Kenneth Eugene Kintz, C.S.C., Notre Dame, Indiana
 John Joseph Kirlin, Buckingham, Iowa
 Robert Gary Klausner, Pasadena, California
 Jerome Ronald Klukas, St. Paul, Minnesota
 Robert Charles Koches, Downey, California
 Steven Joseph Kolski, Hialeah, Florida
 James Lewis Koltes, Wausau, Wisconsin
 Robert John Konopa, Manistee, Michigan
 John Charles Koster, Muskegon, Michigan
 John James Kostishack, Pittsburgh, Pennsylvania
 John Jesse Kracklauer, Mundelein, Illinois
 Robert Anthony Kratage, Orchard Lake, Michigan
 Edward Charles Krause, C.S.C., Notre Dame, Indiana
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 Herbert Joseph Kuehne, C.S.C.,* Notre Dame, Indiana
 Vincent Philip LaBarbera, Fort Wayne, Indiana
 Martin Terrence Lally, C.S.C., Notre Dame, Indiana
 Francis Eugene Lamboley, New Haven, Connecticut
 Christopher Lane, Yonkers, New York
 Michael Murphy Lane,* Wilmette, Illinois
 James Neal Langworthy, Evanston, Illinois
 † John Edward Lanigan, Tulsa, Oklahoma
 Thomas Francis Lantry, Yonkers, New York
 Philip Anthony Larrabee,** Sacramento, California
 William Leddy, Detroit, Michigan
 John Frederick Lehman, Chicago, Illinois
 Michael Clay LeJeune, New Orleans, Louisiana
 Howard William Lenfant, Jr., New Orleans, Louisiana
 James Raymond Link, Washington, D.C.
 † James Barry Long, Bayside, New York
 Thomas Francis Longeway, Lincolnwood, Illinois
 Frank Paul Lucas, Chicago, Illinois
 Carl Rudolf Ludecke, Manhasset, New York
 Thomas Alphonse Luebbers, Cincinnati, Ohio
 † Lawrence Craig Luther, South Bend, Indiana
 Michael Francis Lynch, Atlanta, Georgia
 Angus Daniel MacIntyre, C.S.C., Nova Scotia, Canada
 Mitchell Wakefield Mack, Lake Oswego, Oregon
 John Patrick Mackie, Norwich, New York
 Colin Francis MacKinnon, C.S.C., Nova Scotia, Canada
 Francis Xavier Mahar, Albany, New York
 David Ashton Majeau, New Orleans, Louisiana
 Edward Aloysius Malloy, Washington, D.C.
 John Thomas Manning, Indianapolis, Indiana
 Richard Joseph Martin, Pittsburgh, Pennsylvania
 Charles Martinez, Bro., C.S.C., Notre Dame, Indiana
 Michael Mark Mashuda, Evans City, Pennsylvania
 Joseph Anthony Massa, Jr., Warren, Pennsylvania
 John Benson Matthews, South Bend, Indiana
 Jack Dennis Mattox,* Tulsa, Oklahoma
 James Anthony Mazzei, Nutter Fort, Virginia

† Frederick McAuley, C.S.C., Bro., LeBoro, Massachusetts
 John Leo McCabe,* Evanston, Illinois
 Charles Francis McCafferty, Glenside, Pennsylvania
 William James McCall, Wilkes-Barre, Pennsylvania
 Joseph Francis McCann, New York, New York
 Michael Helpin McCarthy,*** Greenwich, Connecticut
 Patrick Francis McCarthy, Davenport, Iowa
 Matthew Henry McCloskey, IV, Bryn Mawr, Pennsylvania
 Osbourne William McConathy,* Newton, Massachusetts
 John Christopher McCullough, Reading, Massachusetts
 Michael Christopher McDermott, Chicago, Illinois
 Francis James McDonald, Grosse Pointe, Michigan
 Joseph Eugene McDonald, Louisville, Kentucky
 Michael Thomas McDonough, Dubuque, Iowa
 Lawrence William McGary, Alamosa, Colorado
 Lawrence Robert McGinniss, Elmhurst, New York
 Robert Edward McGowan,* South Ozone Park, New York
 Thomas Andrew McGowan,* Lawrence, Massachusetts
 John Steven McGroarty, Las Vegas, Nevada
 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
 Stephen McMahon, Freeport, New York
 John Regis McNamara, Binghamton, New York
 Robert Patrick McNeill,*** Winnetka, Illinois
 Wallace Francis McPhee, Berkeley, California
 † Dennis Michael McWilliams, Chicago, Illinois
 Michael Edward Meck, Springfield, Missouri
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 Jeremy Conrad Mingledorff, Monroe, Louisiana
 Francis Minik, Vandergrift, Pennsylvania
 Francis Larsh Mohler, Catonsville, Maryland
 Barry Michael Moore, River Edge, New Jersey
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 Lee Patrick Mulvihill, Brooklyn, New York
 Charles Gerard Murphy, Peabody, Massachusetts
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 Theodore Michael Nutting,** South Bend, Indiana

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 John Jerome Ohala, Highland Park, Illinois
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 Joseph John O'Keane, New York, New York
 John Andrew O'Loughlin,* Chicago, Illinois
 † Gerald Charles O'Neill, Ontario, Canada
 Frank Salvatore Orlando, Brooklyn, New York
 Michael John O'Shaughnessy, Winnetka, Illinois
 † Louis Rudolph Padberg, Santa Barbara, California
 David James Paliganoff, Fort Wayne, Indiana
 William Louis Panagulis, Hollis, New York
 Francis David Papenfuss, La Crosse, Wisconsin
 Albert George Parker, Elizabeth, Pennsylvania
 John Vincent Pasternack, Chicago, Illinois
 John Orlando Pastore, Jr., Cranston, Rhode Island
 Ralph Thomas Pastore, Ballston Spa, New York
 Charles Raymond Payne, C.S.C., Notre Dame, Indiana
 Thomas Eugene Pearson, South Bend, Indiana
 John Theodore Pehler, Jr., Indianapolis, Indiana
 Joseph Andrew Peters, Belleville, Illinois
 James John Peterschmidt,* Tulsa, Oklahoma
 Thomas Albert Peterson, Downey, California
 John Allan Pezzuti, Wayne, New Jersey
 Kenneth Ronald Piccoli, Chicago, Illinois
 Theodore Francis Pinto, Bellmore, New York
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 Frank Anthony Piro, Rochester, New York
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 Richard Lee Potthast, C.S.C., Notre Dame, Indiana
 John Gilbert Prendergast, Jr., Baltimore, Maryland
 Anthony Francis Prinster, Grand Junction, Colorado
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 Larry Louis Rabideau, Kankakee, Illinois
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 John Marchal Rammel, Wilmette, Illinois
 Robert Joseph Rao, Kissimmee, Florida
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 Thomas Walter Rause, Fond du Lac, Wisconsin
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 John David Reilly, California, Pennsylvania
 Marshall Fred Reilly, Attleboro, Massachusetts
 Michael Francis Reilly, Jersey City, New Jersey

Peter Michael Reilly, New York, New York
 John Vincent Reishman,* Charleston, West Virginia
 Leslie Emmery Renkey, Owosso, Michigan
 Harold John Reno, Overland Park, Kansas
 Jose Antonio Reynes, III, Old Greenwich, Connecticut
 John Frederick Ricci, Drexel Hill, Pennsylvania
 Philip Ferdinand Riley, South Bend, Indiana
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 Freling Huysen Smith, Stephentown, New York
 Hurley David Smith, Lansing, Michigan
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 Richard Michael Stevens, Indianapolis, Indiana
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The Degree of Bachelor of Fine Arts on:

James Anthony Allen, Mount Clemens, Michigan
Gerald Patrick Grahek, Decatur, Michigan
Robert Joseph Grandusky, Portville, New York
Richard Albert Juckniess, Riverside, Illinois
John David Mooney, Champaign, Illinois
Lawrence Earl Norton, Bedford, Massachusetts
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Robert Michael Sajnovsky, Campbell, Ohio
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The Degree of Bachelor of Music on:

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The Degree of Bachelor of Music Education on:

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Thomas Guido Prantil, San Diego, California
Richard Alan Woolley, Fairless Hills, Pennsylvania

The Degree of Bachelor of Science in Physical Education on:

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Thomas Joseph Dunn, Waterbury, Connecticut
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Walter Joseph Osgood, Compton, California
Fred Anthony Pechek, Pueblo, Colorado
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THE COLLEGE OF SCIENCE

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Harry Thomas Sampson, Mahwah, New Jersey
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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
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 Barry Ernest Burke,** Anita, Iowa
 Kevin Eric Cahill,** New York, New York
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 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
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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 Cliffl, 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

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 Clinton Marshall Brooks, New Haven, Connecticut
 Thomas Charles 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, Larchmont, New York
 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

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 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

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 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
 Albert Rich Gemperle, Jr., Red Bank, New Jersey
 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

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 William Earl Beier, III, Lombard, Illinois
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 David Doyle Bubb, Grafton, Ohio
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 Richard Lancelot Chin, Kingston, Jamaica, West Indies
 John Alexander Costello, Willow Springs, Illinois
 James Bernard Coyne, Belleville, Illinois
 Ronald James Drnevich, East McKeesport, Pennsylvania
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 Robert Charles Juster, Clifton, New Jersey
 John Paul Keeley, III, Clarksburg, West Virginia
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 Charles Joseph Lauer, Elkhart, Indiana
 Daniel Richard Lawson, Council Bluffs, Iowa
 Robert Donald Mahoney, Manchester, New Hampshire
 Donald Eugene Matzzie, Ambridge, Pennsylvania

Timothy Julian McAloon, 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
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 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
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 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
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 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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Felix Amos Balmaz, Conway, Arkansas
Frank William Bolek,* Chicago, Illinois
John Joseph Brann, Jr., Williamsport, Pennsylvania
†Thomas Francis Burke, Lake Forest, Illinois
†Richard Joseph Burtzloff, 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 Forsy,* 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
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Bruce William Kramer, Plandome, New York
Walter Colby Kuhnelt, San Antonio, Texas
Michael John Kurzeja, Jr., Chicago, Illinois
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Dale Clement LaPorte, Cleveland, Ohio
Michael Clare Luecke, Chicago Heights, Illinois
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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 Loudon 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
Lorren 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, Ibaguë, 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 Svadlenka, 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
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 Robert Edwin Bertke, Lakewood, Ohio
 †Charles Rufus Black, Corning, Arkansas
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 John Paul Boka, St. Louis, Missouri
 Gerald John Boland, Louisville, Kentucky

James Peter Boland, Louisville, Kentucky
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 Thomas Joseph Carroll, Hartford, Connecticut
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 Russell Kevin Chisholm, Pampa, Texas
 Joseph Frank Chocole, Chicago, Illinois
 John Thomas Christ, Carlyle, Illinois
 John Francis Clark, Oak Park, Illinois
 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
 David Coppersmith, Milwaukee, Wisconsin
 †Donald Peter Couch, Little Rock, Arkansas
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 Robert Vernon Dahlke, Cleveland, Ohio
 Thomas Edward Dalum, Elm Grove, Wisconsin
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 James Peter Dejanovich, Eau Claire, Michigan
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 Alexander William Desko, Long Island, New York
 Joseph Stephen Desmond, Jr., Quincy, Massachusetts
 Thomas Edward Dietz, Lawton, Michigan
 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
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 Lance Arthur Ehrke, Elm Grove, Wisconsin
 James Oliver Eide, Fargo, North Dakota
 Gerald Thomas Eisenman, Columbus, Ohio
 Terry Stephen Elbersen, Defiance, Ohio
 Thomas Michael Elzen,* Jackson, Mississippi
 Hugh McC. Evans, Jr., New Orleans, Louisiana
 James Bernard Eversmann, Cincinnati, Ohio
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 Ronald Peter Fakler, Provo, Utah
 †Robert Lee Farra, Medford, Oregon
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 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
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 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
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 Louis Anthony Lucas, Delano, California
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 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 McMahan, 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
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 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 Ready, Chevy Chase, Maryland
 George William Raemer, 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 Aloysious Slaterry, 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 Valeriotte, Guelph, Ontario, Canada
 Carl Eric Vandagriff, 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
George Q. Evans
- Francis J. Fornelli

Rhodes Scholarship:

- Robert P. McNeill

Danforth Fellowships:

- Kevin E. Cahill
- John V. Reishman

Woodrow Wilson Fellowships:

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

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