

One Hundred and Twenty-second

Commencement Exercises

O F F I C I A L

JUNE EXERCISES

THE UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA

THE GRADUATE SCHOOL

THE LAW SCHOOL

THE COLLEGE OF ARTS AND LETTERS

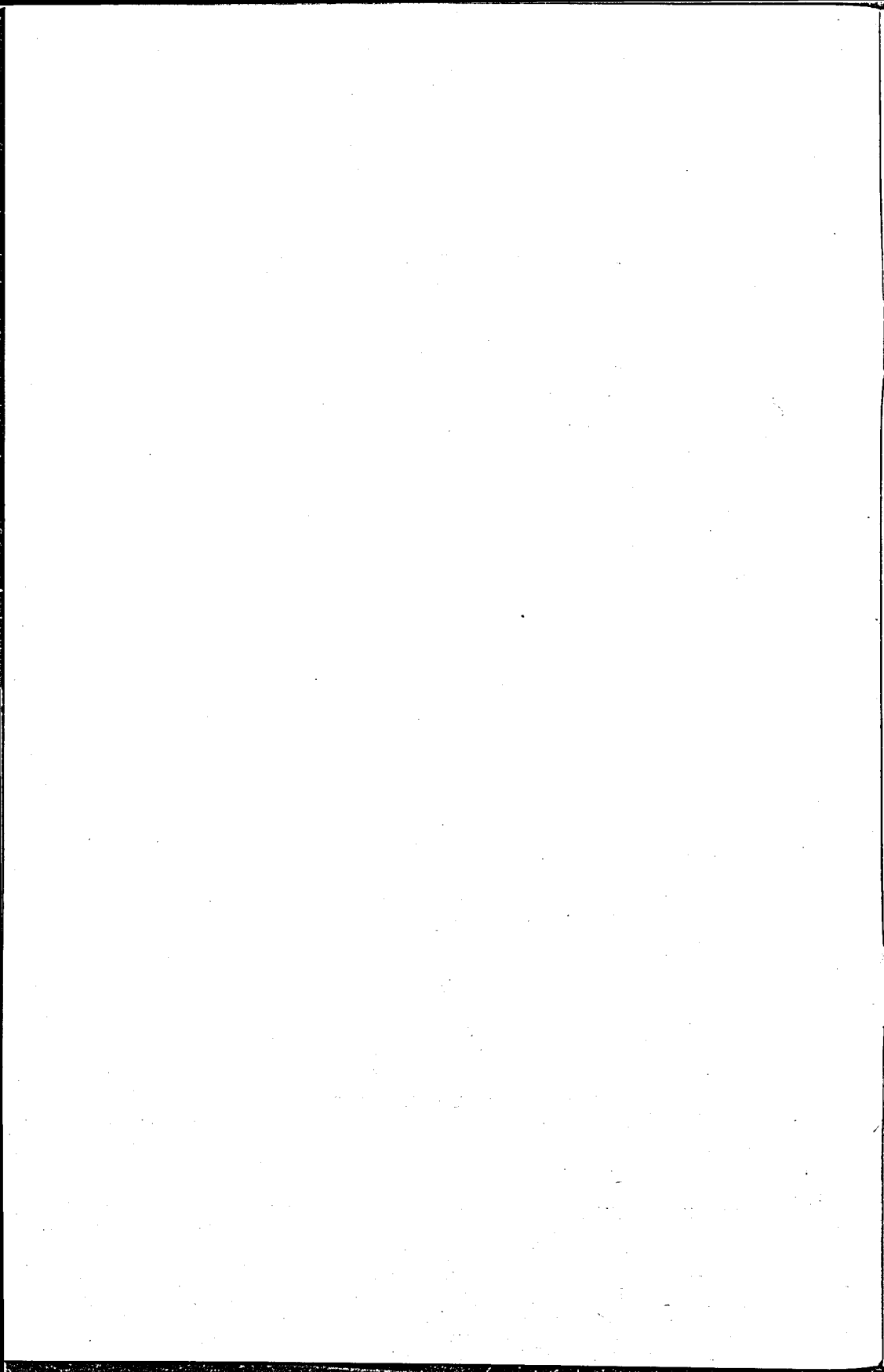
THE COLLEGE OF SCIENCE

THE COLLEGE OF ENGINEERING

THE COLLEGE OF BUSINESS ADMINISTRATION



On the University Mall
At 2:00 p.m. (Central Daylight Time)
Sunday, June 4, 1967



PROGRAM

PROCESSIONAL

PRESENTATION OF THE LAETARE MEDAL
to J. Peter Grace, New York, New York

CITATIONS FOR HONORARY DEGREES
by the Reverend John E. Walsh, 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 Charles E. Sheedy, C.S.C.,
Dean of the College of Arts and Letters
by Frederick D. Rossini
Dean of the College of Science
by Harry C. Saxe
Acting Dean of the College of Engineering
by Thomas T. Murphy
Dean of the College of Business Administration

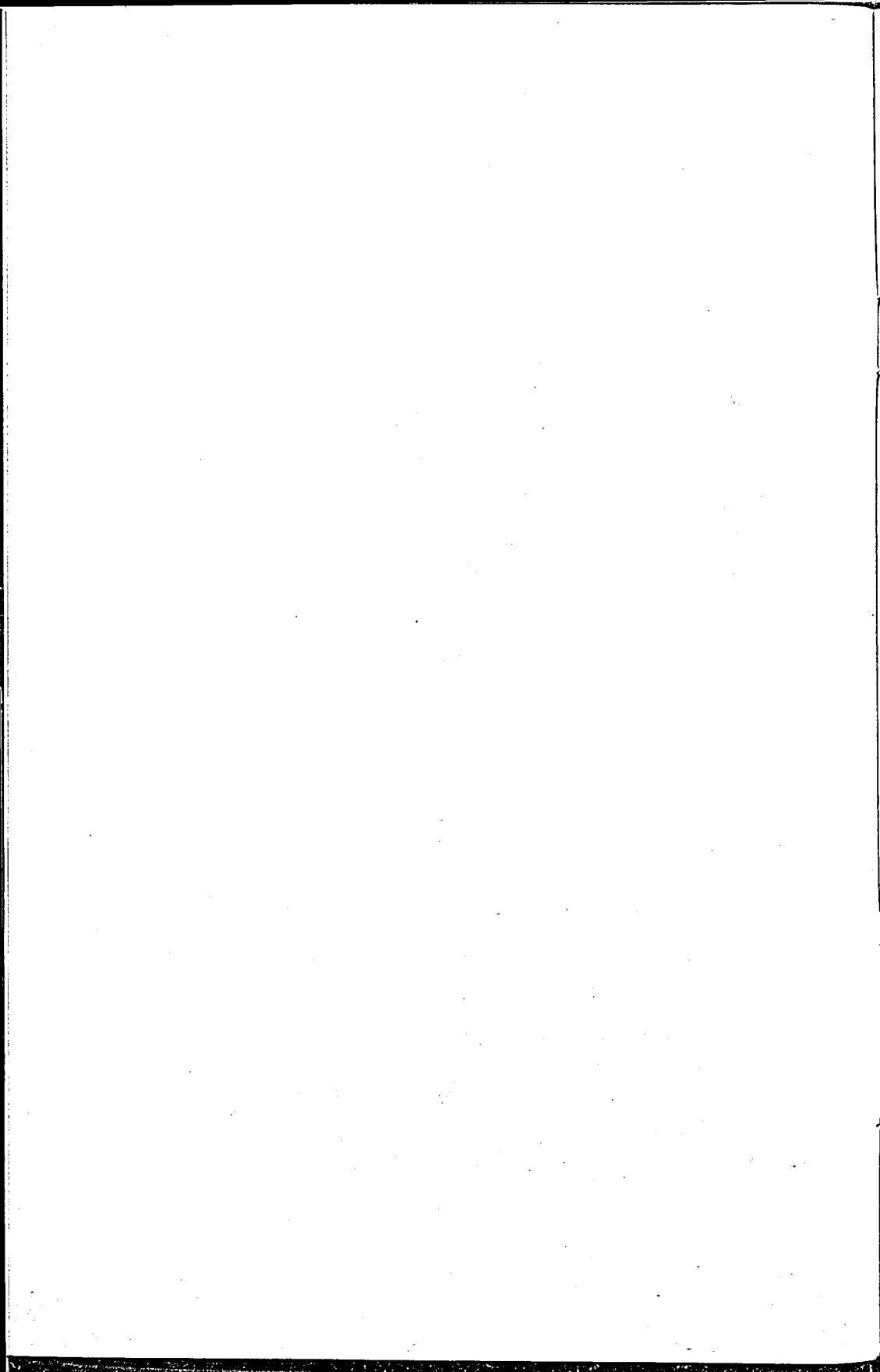
THE CONFERRING OF DEGREES
by the Reverend Theodore M. Hesburgh, C.S.C.,
President of the University

PRESENTATION OF THE LAY FACULTY AWARD

PRESENTATION OF THE PROFESSOR THOMAS MADDEN FACULTY AWARD

COMMENCEMENT ADDRESS
by the Honorable Eugene J. McCarthy
United States Senator from Minnesota

THE BLESSING
by His Eminence Lawrence Cardinal Shehan
Archbishop of Baltimore



Degrees Conferred

The University of Notre Dame announces the conferring of:

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

His Eminence Lawrence Cardinal Shehan, Baltimore, Maryland
Most Reverend John F. Dearden, D.D., Detroit, Michigan
Honorable Eugene J. McCarthy, Washington, D. C.
Mr. James E. Armstrong, Notre Dame, Indiana
Mr. O. C. Carmichael, Jr., South Bend, Indiana
Honorable Charles S. Desmond, Buffalo, New York
Mr. Harold Howe, II, Washington, D. C.
Dr. Franklin D. Murphy, Los Angeles, California
Mr. Edmund A. Stephan, Chicago, Illinois

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

Mr. James A. Reyniers, Tampa, Florida

IN THE GRADUATE SCHOOL

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

The Degree of Doctor of Philosophy on:

†M. Akhtaruzzaman, Comilla, East Pakistan

B.Sc., University of Dacca, 1953; M.Sc., *ibid.*, 1960. Major subject: Biology. Dissertation: Cytogenetics of Gamma-Ray-Induced Reciprocal Translocations in *Collinsia heterophylla*.

John D. Angus, Omaha, Nebraska

B.A., University of Notre Dame, 1952; M.A., *ibid.*, 1953. Major subject: Sociology. Dissertation: Social Aspects of Aging Catholics of the South Bend, Indiana, Deanery.

Dipak Kumar Bagchi, Kalchini, West Bengal, India

B.E. (Met.), University of Calcutta, 1961; M.S. Metal. Engr., University of Notre Dame, 1964. Major subject: Metallurgical Engineering and Materials Science. Dissertation: Effect of Residual and Applied Stress on the Magneto-resistance of Nickel.

Richard Albert Bajura, Duquesne, Pennsylvania

B.S.M.E., University of Notre Dame, 1962; M.S.M.E., *ibid.*, 1964. Major subject: Mechanical Engineering. Dissertation: An Experimental Investigation of a Two-Dimensional Laminar Plane Wall Jet.

†Thomas Augustine Barry, Worcester, Massachusetts

A.B., St. Michael's College (Vermont), 1958; M.A., Clarke University, 1961. Major subject: Microbiology. Dissertation: Alterations in Serum Iron in Germ-free and Conventional Mice after Whole-Body X-Irradiation.

†James Francis Beecher, Chicago, Illinois

B.S., Christian Brothers College, 1962. Major subject: Chemistry. Dissertation: Microwave Studies of Molecular Structure and Internal Rotation.

†Satish C. Bhalla, Kasauli, India

B.S., Government College, Ludhiana, India, 1952; B.S., Panjab University College, Hoshiarpur, 1954; M.S., *ibid.*, 1956; M.A., University of Kansas, 1963. Major subject: Biology. Dissertation: Genetics of Some Mutants Affecting Tanning and Eye Color in *Aedes aegypti* (Diptera: culicidae).

† Degree Awarded February 1, 1967

- †John Francis Burke, Junior, Quincy, Massachusetts
B.S., Boston College, 1961; M.A., University of Notre Dame, 1963. Major subject: Economics. Dissertation: Domestic and International Effects of Monetary Integration in the European Economic Community.
- †Duane J. Buss, Naperville, Illinois
B.S., St. Procopius College, 1961. Major subject: Physics. Dissertation: The Radioactive Decays of Pm^{146} , Eu^{146} and Eu^{150} .
- John Thomas Canty, San Francisco, California
A.B., University of California (Berkeley), 1961; M.A., University of Notre Dame, 1963. Major subject: Philosophy. Dissertation: Lesniewski's Ontology and Gödel's Incompleteness Theorem.
- Sister M. Adrian Carpentier, Roman Union of the Order of St. Ursula, Kirkwood, Missouri
A.B., College of New Rochelle, 1954; M.S., University of Notre Dame, 1963. Major subject: Mathematics. Dissertation: Creative Sequences and Double Sequences.
- †Larry Paul Clark, Niles, Michigan
B.S., University of Michigan, 1958. Major subject: Chemistry. Dissertation: Mechanism of Oxidation of Adrenaline and Related Compounds.
- Edward Anthony Cole, Paxton, Massachusetts
B.S., University of Notre Dame, 1956. Major subject: Microbiology. Dissertation: The Leukemoid Response of BALB/c Mice to a Transplantable Myeopithelioma.
- William Vasilios Condoulis, Charlottesville, Virginia
B.A., University of Virginia, 1961; M.A., Western Reserve University, 1964. Major subject: Biology. Dissertation: The Structure, Function and Development of the Esophageal Tegumental Glands in the Crayfish *Orconectes immunis* (Decapoda).
- Richard George Considine, Erie, Pennsylvania
B.S., University of Notre Dame, 1958; M.S., Pennsylvania State University, 1963. Major subject: Microbiology. Dissertation: The Production of Interferon in Gaotobiotic and Conventionalized Mice by Vaccinia Virus.
- †Enrique Alfredo Davila de Heredia, Bogotá, Colombia
B.S.E.E., University of Notre Dame, 1963; M.S.E.E., *ibid.*, 1965. Major subject: Electrical Engineering. Dissertation: Simultaneous Flows in Node-Weighted Networks.
- Dickson Donald Despommier, South Bend, Indiana
B.S., Fairleigh Dickinson University, 1962; M.S., Columbia University, 1964. Major subject: Microbiology. Dissertation: The *in vivo* and *in vitro* Analysis of Acquired Resistance to *Trichinella spiralis* Infections in Mice.
- †Sister Mary Albertus Doskey, Dominican Tertiary Sisters of St. Mary, New Orleans, Louisiana
B.S., St. Mary's Dominican College, 1958; M.S., University of Wisconsin, 1960. Major subject: Chemistry. Dissertation: Infrared and Mössbauer Studies of Stannous Complexes of Amines and Anionic Ligands.
- †Terrence W. Doyle, Montreal, Canada
B.S., Loyola College (Canada), 1963. Major subject: Chemistry. Dissertation: The Reduction of 1,3-Oxathiolanes and 1,3-Oxathianes with Metals in Liquid Ammonia.
- Walter Doyle, Pueblo, Colorado
B.A., University of Notre Dame, 1962; M.A.T., *ibid.*, 1963. Major subject: Education. Dissertation: A Professional Model for the Authority of the Teacher in the Educational Enterprise.
- †Gerald R. Fitzgerald, Silver Spring, Maryland
B.S., University of Notre Dame, 1952; M.A., *ibid.*, 1961. Major subject: Microbiology. Dissertation: A Comparison of the Interferon-Producing Potential of Germfree and Conventional Mice and the Effect of Irradiation on Interferon Production.
- Kuan-Chen Fu, Nanking, China
B.S., Taiwan College of Engineering, 1955; M.S.C.E., University of Notre Dame, 1959. Major subject: Civil Engineering. Dissertation: A Study of Optimum Structural Configurations.

- †Sister Alma Rose Gaffney, Sisters of the Holy Names of Jesus and Mary, Oakland, California
B.A., College of the Holy Names, 1956; M.S., Stanford University, 1958. Major subject: Chemistry. A Calorimetric Study of Some Amino Acid Chelates.
- Bernard Louis Gendron, Alfred Maine
B.A., Assumption College, 1961. Major subject: Philosophy. Dissertation: The Materialist Conception of Man: A Critical Investigation.
- Sister Marie Goldstein, Religious of the Sacred Heart of Mary, Palos Verdes Estates, California
B.A., Marymount College (New York), 1949; M.S., St. John's University (New York), 1960. Major subject: Education. Dissertation: An Historical Investigation of the Axiom of Congruence from the First Printed Commentary in Euclid's *Elements* Until the Development of Group Theoretical Ideas (1482-1850 with the Addition of Proclus).
- Henry Froehlich Gray, Orlando, Florida
B.S., University of Notre Dame, 1959. Major subject: Physics. Dissertation: An Analytic Investigation of Experimental Periodic Schottky Deviations from Molybdenum and Rhenium Based on the Miller and Good Theory.
- Albert James Hamilton, Cleveland, Ohio
A.B., University of Notre Dame, 1962; M.A., *ibid.*, 1963. Major subject: History. Dissertation: The Movement for Irish Catholic Relief, 1790-1793.
- †Joseph Howard Hennessy, Philadelphia, Pennsylvania
B.A., LaSalle College, 1959; M.A., University of Notre Dame, 1961. Major subject: Government and International Studies. Dissertation: The Political Philosophy of Maurice Barres: A Critical Analysis.
- Robert Edward Henry, Bluffton, Indiana
B.S.M.E., University of Notre Dame, 1962; M.S.M.E., *ibid.*, 1964. Major subject: Mechanical Engineering. Dissertation: A Treatise of Two-Phase Critical Flow.
- †Henricus Hermans, The Netherlands
B.S., Boston College, 1960. Major subject: Chemistry. Dissertation: Internal Rotation of $\text{CH}_2\text{D-R}$ and $\text{CHD}_2\text{-R}$ Type Molecules.
- †Joseph Michael Jaklevic, Junior, Kansas City, Kansas
A.B., Rockhurst College, 1962. Major subject: Physics. Dissertation: Coincidence and Directional Correlation Measurements on the Decays of Gd^{149} and Tb^{160} Employing a Ge-Li Detector.
- Robert Paul Johnson, San Diego, California
B.S., San Diego College for Men, 1962; M.S., University of Notre Dame, 1964. Major subject: Mathematics. Dissertation: Orthogonal Groups of Local Anisotropic Spaces.
- †Robert Francis Jones, Englewood, New Jersey
B.A., LaSalle College, 1956; M.A., University of Notre Dame, 1958. Major subject: History. Dissertation: The Public Career of William Duer: Rebel, Federalist Politician, Entrepreneur, and Speculator, 1775-1792.
- Patrick F. Kenealy, Chicago, Illinois
B.S., Loyola University (Illinois), 1961. Major subject: Physics. Dissertation: Coincidence and Directional Correlation Measurements in the Study of Excited States in Gd^{158} and Er^{168} Populated by the Decay of Tb^{156} (5.3d) and Tm^{168} (87d).
- James Timothy King, Junior, Oak Lawn, Illinois
Doctor, Canon Law, Angelicum University, 1959; A.B., Catholic University of Navarre (Spain), 1961; M.A., DePaul University, 1965. Major subject: Philosophy. Dissertation: The Development of Hume's Ethics, 1740-1751: The Relationship of the *Treatise* to the *Second Enquiry*.
- †Francis Michael Klein, Wilkes-Barre, Pennsylvania
B.S., King's College (Pennsylvania), 1963. Major subject: Chemistry. Dissertation: Directive Effects of Alkyl Groups on The Hydroboration of Substituted Cyclohexenes.
- Sister M. Carmeline Knoeber, Sisters Adorers of the Most Precious Blood, Wichita, Kansas
B.S., Sacred Heart College (Kansas), 1961. Major subject: Chemistry. Dissertation: Conformational Equilibria in Substituted 1,3-Dioxanes.

- †Robert Francis Krause, Pittsburgh, Pennsylvania
B.S., Metal. Engr., University of Notre Dame, 1962. Major subject: Metallurgical Engineering and Materials Science. Dissertation: The Effect of Plastic Deformation on the Magnetic Anisotropy of Nickel.
- Henry William Kugel, Kenmore, New York
B.S., Canisius College, 1962. Major subject: Physics. Dissertation: Fast Coincidence Measurements: Halflives of Nuclear Rotational States and Positron Lifetimes in Metals.
- Leonard J. Kuzma, Youngstown, Ohio
B.S., Youngstown University, 1962. Major subject: Chemistry. Dissertation: Studies on Redistribution Reactions of Some Germanium and Silicon Compounds.
- Ramon Saro LaRusso, Chicago, Illinois
B.S., University of Illinois, 1953; M.S.C.E., University of Notre Dame, 1965. Major subject: Civil Engineering. Dissertation: Analysis of Seepage and Groundwater Flow by Monte Carlo Methods.
- George C. Lavelle, Minneapolis, Minnesota
B.A., St. John's University (Minnesota), 1959. Major subject: Microbiology. Dissertation: Studies on the Natural Resistance of Germfree and Conventional Mice to Viral Hepatitis.
- †Brother E. Adrian Leonard, Brothers of the Christian Schools, Philadelphia, Pennsylvania
B.A., The Catholic University of America, 1952; Litt.M., University of Pittsburgh, 1957. M.A., University of Notre Dame, 1962. Major subject: Government and International Studies. Dissertation: Mr. Justice Roberts and The Constitutional Revolution of 1937.
- †Phillip George Loscoe, Matawan, New Jersey
A.B., LaSalle College, 1961. Major subject: Physics. Dissertation: Resonance Fluorescence of Nuclei Near $A = 25$.
- McIntyre Richards Louthan, Junior, Aiken, South Carolina
B.S., Virginia Polytechnic Institute, 1960; M.S., *ibid.*, 1961. Major subject: Metallurgical Engineering and Materials Science. Dissertation: The Interrelation between Dislocation Substructure, Stacking Fault Energy and Strain Hardening in Face-Centered Cubic Metals.
- David Saxer McCaffrey, Junior, Bloomfield, New Jersey
B.S.Ch.Eg., University of Notre Dame, 1964; M.S.Ch.Eg., *ibid.*, 1966. Major subject: Chemical Engineering. Dissertation: The Partial Miscibility of Normal Homologous Hydrocarbons.
- †Richard J. Meister, Cincinnati, Ohio
B.A., St. Joseph's College (Indiana), 1960; M.A., University of Notre Dame, 1962. Major subject: History. Dissertation: A History of Gary, Indiana: 1930-1940.
- Daniel G. Muth, Notre Dame, Indiana
B.S., University of Notre Dame, 1959. Major subject: Physics. Dissertation: The Precipitation of Potassium in Additively Colored Potassium Chloride.
- †Frank Hanley O'Donnell, South Bend, Indiana
B.S., University of Notre Dame, 1961. Major subject: Physics. Dissertation: Measurement of Nuclidic Masses Via Precision Measurement of Nuclear Disintegration Energies.
- Sister Mary Dismas O'Rourke, Sisters of Charity of Leavenworth, Leavenworth, Kansas
B.S., St. Mary College (Kansas), 1947; M.S., University of Notre Dame, 1962. Major subject: Chemistry. Dissertation: Moessbauer and Optical Spectra of Tin Complexes of Phthalocyanine and Tetraarylporphines.
- Joseph C. Pisano, Wilkes-Barre, Pennsylvania
B.S., King's College (Pennsylvania), 1963. Major subject: Microbiology. Dissertation: A Suggested Mode of Action for Opsonic Protein.

- Rev. James Howard Plough, Worthington, Ohio
A.B., The Pontifical College Josephinum, 1954; M.A., University of Notre Dame, 1963. Major subject: History. Dissertation: Catholic Colleges and the Catholic Education Association: The Foundation and Early Years of the Catholic Education Association, 1899-1919.
- †Joseph Edward Reardon, Fort Edward, New York
B.S., Canisius College, 1961. Major subject: Chemistry. Dissertation: The Synthesis and Reactions of Some Polysubstituted 2-Imidazolidinones.
- †Myron Charles Reese, Downey, California
B.S., Long Beach State College, 1962. Major subject: Chemistry. Dissertation: The Conformational Enthalpy, Entropy, and Free Energy of the Carboxyl and Related Groups as a Function of Solvent and Temperature.
- Frank Anthony Renkiewicz, Winona, Minnesota
B.S., St. Peter's College, 1956; M.A., University of Notre Dame, 1958. Major subject: History. Dissertation: The Polish Settlement of St. Joseph County, Indiana: 1855-1935.
- Robert Michael Rusnak, Detroit, Michigan
B.S.E., University of Michigan, 1961; M.S.E., *ibid.*, 1962. Major subject: Metallurgical Engineering and Materials Science. Dissertation: The Effect of Plastic Deformation on the Magnetic Aftereffect in Iron.
- †Miss Judith Marie Schmitt, Montville, New Jersey
B.A., Marymount College (New York), 1957. Major subject: Chemistry. Dissertation: A Monte Carlo Simulation of the Diffusion-Reaction Model for some Systems of Radiation Chemistry.
- Sister Lucy Schneider, Congregation of the Sisters of St. Joseph of Concordia, Salina, Kansas
A.B., Marymount College (Kansas), 1948; M.A., Marquette University, 1955. Major subject: English. Dissertation: Willa Cather's "Land-Philosophy" in her Novels and Short Stories.
- Anjan Shukla, Calcutta, India
B.A., University of Calcutta, 1959; M.A., *ibid.*, 1961. Major subject: Mathematics. Dissertation: Decision Procedures for Lewis' System S1 and Related Modal Systems.
- †Franklin Chapin Smith, Junior, St. Paul, Minnesota
B.S., College of St. Thomas (Minnesota), 1961. Major subject: Physics. Dissertation: Relativistic Hartree-Fock Calculation of Atomic Structures.
- Sister Louise Soldani, Sisters of St. Ann, Marlboro, Massachusetts
A.B., Anna Maria College, 1953; M.A., Boston College, 1959. Major subject: English. Dissertation: To Live How One Can: A Thematic Study of the Short Stories of Elizabeth Bowen.
- Francis Edward Stretton, Malden, Massachusetts
B.S., Boston College, 1954; M.S., *ibid.*, 1956. Major subject: Chemistry. Dissertation: Lithium Aluminum Hydride Reductions of Thiazolidines, Thiazolidones, and 2-Alkylaminoethanethiols.
- †Daniel David Sullivan, Columbia, Missouri
B.S.E.E., University of Notre Dame, 1962; M.S., Northwestern University, 1963. Major subject: Electrical Engineering. Dissertation: Control of Error Propagation in Convolutional Codes.
- Sister Mary Grace Swift, Ursuline Sisters, Paola, Kansas
B.S., Creighton University, 1956; M.A., *ibid.*, 1960. Major subject: Government and International Studies. Dissertation: The Art of the Dance in the Union of Soviet Socialist Republics: A Study of Politics, Ideology, and Culture.
- †Eun Hi Synn, Taegu, Korea
B.S., Waynesburg College, 1958; M.S., Western Reserve University, 1962. Major subject: Physics. Dissertation: π -p Elastic Scattering at 8 GeV/c.

†Ryland A. Taylor, Junior, West Chicago, Illinois
B.A., DePaul University, 1962; M.A., University of Notre Dame, 1964. Major subject: Economics. Dissertation: The Use of the Sponsor's Computer in a Credit Union Operation.

Urban Albert Thobe, Dayton, Ohio
B.A., St. Joseph's College (Indiana), 1958; M.A., University of Notre Dame, 1961. Major subject: Philosophy. Dissertation: The Independence of Aristotle's Doctrine of the Principles of Absolute Becoming From His Theory of Elements.

†Joseph Michael Verdon, New York, New York
B.S., Webb Institute of Naval Architecture, 1963. M.S. Engr. Sci., University of Notre Dame, 1965. Major subject: Engineering Science. Dissertation: On the Motion of an Airplane in Turbulent Air.

John Theodore Wack, South Bend, Indiana
B.A., University of Notre Dame, 1955; M.A., *ibid.*, 1957. Major subject: History. Dissertation: The University of Notre Dame du Lac: Foundation, 1842-1857.

Michael George Yetman, Staten Island, New York
B.S., St. Peter's College, 1961; M.A., University of Notre Dame, 1962. Major subject: English. Dissertation: A Study of the Characterization of Caponsacchi in *The Ring and the Book*.

The Degree of Master of Arts on:

†Peter Henry Beisheim, Everett, Massachusetts
A.B., St. John's Seminary (Massachusetts), 1962; M.E., State College at Boston, 1963. Major subject: Theology.

†Lt. John Anthony Bish, United States Air Force, Camden, New Jersey
B.A., University of Notre Dame, 1965. Major subject: Government and International Studies.

Ernest E. Briones, Junior, El Paso, Texas
B.A., Texas Western College of the University of Texas, 1963. Major subject: Philosophy.

Clement A. Burger, Junior, Lancaster, Pennsylvania
B.A., University of Notre Dame, 1964. Major subject: Government and International Studies.

Charles Ray Campbell, South Bend, Indiana
B.A., Bethel College (Minnesota), 1964. Major subject: Theology.

Sister George Marie Caspar, Dominican Sisters, Columbus, Ohio
B.A., College of St. Mary of the Springs, 1956. Major subject: Philosophy.

Harold Wayne Clindaniel, Junior, LaPorte, Indiana
B.A., Ball State Teachers College, 1961. Major subject: Education.

Rolland Samuel Clindaniel, LaPorte, Indiana
B.A., Ball State Teachers College, 1961. Major subject: Education.

Michael Ross Comfort, Mount Pleasant, Pennsylvania
B.S., Wesleyan University, 1956. Major subject: Art.

†Sister Mary Frederick Corry, Congregation of Sisters of Notre Dame, Toledo, Ohio
A.B., Mary Manse College, 1957. Major subject: Art.

Thomas Anthony DeCoster, Moline, Illinois
A.B., St. Benedict's College (Kansas), 1963. Major subject: Economics. Dissertation: The Use of the Built-up Rate in the State Taxation of Banks.

Donald James Deda, Milwaukee, Wisconsin
B.A., University of Notre Dame, 1966. Major subject: Government and International Studies.

†Brother Francis Delvaux, Congregation of Holy Cross, West Haven, Connecticut
B.A., St. Vincent College, 1961. Major subject: Sociology.

Rev. Bernard Joseph Donaghey, Society of the Divine Word,
Charlestown, Massachusetts
B.A., St. Mary's Seminary (Illinois), 1953. Major subject: Education.

Mrs. Mary Jean Doyle, Boone, Colorado
B.S., St. Mary's College (Indiana), 1962. Major subject: Education.

†Georges Funck, Brussels, Belgium
Ecole Prep. a l'Ecole Supérieure d'Interprètes et de Traducteurs, Paris, 1960-62. Ecole Sup. d'Int. et de Trad. 1962-64. Major subject: American Studies.
Dissertation: Luxemburg Emigration to the United States, 1830-1880.

†Richard Louis Gallas, Park Ridge, Illinois
B.A., University of Denver, 1965. Major subject: Government and International Studies.

Douglas William Gasper, Dayton, Ohio
B.A., Xavier University (Ohio), 1965. Major subject: Theology.

Sister M. Rosalia Genovese, Dominican Sisters of the Congregation
of Our Lady of the Sacred Heart, Grand Rapids, Michigan
B.A., Aquinas College, 1961. Major subject: Art.

†Sister Rita Marie Germain, Congregation of Sisters of St. Joseph,
West St. Paul, Minnesota
B.A., College of St. Catherine, 1959. Major subject: Modern Languages
(French).

Arthur Anthony Gray, South Bend, Indiana
B.A., University of Notre Dame, 1958. Major subject: Education.

†Robert Anthony Haller, Pittsburgh, Pennsylvania
B.A., University of Notre Dame, 1965. Major subject: Government and International Studies.

Robert Lee Hamburger, Shaker Heights, Ohio
B.A., University of Notre Dame, 1965. Major subject: Government and International Studies.

Rev. Harold Vincent Heaney, Cdr., U.S.N., Milwaukee, Wisconsin
B.A., St. Francis Seminary (Wisconsin), 1944; M.A., Roosevelt University, 1960.
Major subject: Education.

†Donald John Hogan, Junior, Chicago, Illinois
B.A., University of Notre Dame, 1965. Major subject: Economics.

†Douglas Tong Hsu, Taipei, Taiwan, China
B.S.B.A., University of Notre Dame, 1965. Major subject: Economics.

Dennis Keith Hubbard, South Bend, Indiana
A.B., Milligan College, 1965. Major subject: Education.

†Ralph H. Johnson, Detroit, Michigan
B.A., Xavier University (Ohio), 1962. Major subject: Philosophy.

Miss Anna Rose Kearney, South Bend, Indiana
B.A., St. Mary's College (Indiana), 1962. Major subject: History.

†Martin Andrew Klest, Chicago, Illinois
B.S., Loyola University (Illinois), 1963. Major subject: Theology.

Sister Barbara Latterell, Franciscan Sisters of the Immaculate
Conception, Little Falls, Minnesota
B.A., College of St. Catherine, 1960. Major subject: English.

Charles A. Lawler, Jerseyville, Illinois
B.A., Southern Illinois University, 1965. Major subject: English.

Sister Mary Conceptia Lebiezinski, Congregation of the Sisters of
St. Felix, South Bend, Indiana
A.B., Madonna College, 1960. Major subject: Sociology.

- Sister Mary Ruth Ann Lejeunesse, Sisters of Notre Dame, Toledo, Ohio
B.A., Mary Manse College, 1962. Major subject: Art.
- William Arthur Lombus, Utica, Michigan
B.A., Antioch College, 1965. Major subject: History.
- James J. Lopach, Great Falls, Montana
A.B., Carroll College, 1964. Major subject: American Studies. Dissertation: The United States Supreme Court and the Constitutional Question of Obscene Literature.
- Francis Paul Lubarski, Pittsburgh, Pennsylvania
B.A., Duquesne University, 1965. Major subject: Theology.
- †Richard Charles Lux, Columbus, Nebraska
B.A., St. Thomas Seminary (Colorado), 1966. Major subject: Theology.
- †Callistus Eneas Madavo, Muzumba Native Purchase Area, Wedza, Rhodesia
B.A., University of Notre Dame, 1965. Major subject: Economics. Dissertation: The Economics of Federations: The Rhodesian and the Nyasaland Case.
- William Henry Martineau, Montague City, Massachusetts
B.A., Fairfield University, 1965. Major subject: Sociology.
- †Michael George George Mathis, LaPorte, Indiana
B.A., University of Notre Dame, 1965. Major subject: Economics.
- Miss Anne Marie McDermott, Scituate, Massachusetts
A.B., Emmanuel College (Massachusetts), 1962. Major subject: Modern Languages (French).
- Rev. Finian John McGinn, Order of Friars Minor, Oakland, California
A.B., San Luis Rey College, 1957. Major subject: Theology.
- Gary Lee McGrath, South Bend, Indiana
B.A., St. Benedict's College (Kansas), 1958; M.S., University of Notre Dame, 1960; Ph.D., *ibid.*, 1965. Major subject: Theology.
- †Sister Mary Patrick McManamon, Congregation of the Sisters of the Holy Humility of Mary, Cleveland, Ohio
B.A., Notre Dame College (Ohio), 1961. Major subject: English.
- Joseph Anthony Moriarty, South Bend, Indiana
B.S.P.E., University of Notre Dame, 1952. Major subject: Education.
- Miss Valerie Mae Naegeli, Canton, Ohio
B.A., Marygrove College, 1963. Major subject: Education.
- †Sister Mary Paulanne Niner, Congregation of the Sisters of the Holy Cross, Notre Dame, Indiana
B.A., St. Mary's College (Indiana), 1949. Major subject: Philosophy.
- John Dennis Norfray, Glenview, Illinois
B.A., Northwestern University, 1963. Major subject: Government and International Studies. Dissertation: The Ability of Chile to Adapt Its Foreign Policy to Changing External Conditions During the Period August, 1939, to March, 1945.
- John Martin O'Connor, Brooklyn, New York
B.A., Niagara University, 1965. Major subject: English.
- Sister M. Basil Anthony O'Flynn, Congregation of the Sisters of the Holy Cross, Notre Dame, Indiana
B.A., St. Mary's College (Indiana), 1946; M.A., *ibid.*, 1949. Major subject: Education.
- Stephen R. O'Neil, South Bend, Indiana
B.S., Marquette University, 1961. Major subject: Education. Dissertation: A Study in Social Perception of Military and Religious Authority Figures by Naval Reserve Officers Training Corps Students.
- Carroll James Owen, Fort Wayne, Indiana
B.S., Indiana University, 1964. Major subject: Government and International Studies.

- Dennis James Parrucci, Chisholm, Minnesota
B.A., Duquesne University, 1965. Major subject: Sociology.
- Mrs. Violet F. Petersen, South Bend, Indiana
B.A., Iowa State Teachers College, 1937. Major subject: Education.
- †Thomas Raymond Pilot, South Bend, Indiana
B.A., University of Notre Dame, 1965. Major subject: Sociology.
- Manfred F. Prokop, Vienna, Austria
Translator's Diploma, University of Vienna, 1963; Interpreter's Master's Diploma, *ibid.*, 1965. Major subject: Modern Languages (German).
- Robert Wallace Quirk, Baltimore, Maryland
A.B., Loyola College (Maryland), 1965. Major subject: Theology.
- Miss Rosalind A. Ross, Oakland, California
A.B., College of the Holy Names, 1953. Major subject: Modern Languages (French).
- James Joseph Ryan, New York, New York
B.A., New Jersey State Teachers College at Montclair, 1961. Major subject: Government and International Studies.
- Sister M. Jean Schaeffer, Congregation of the Poor Sisters of St. Francis of Perpetual Adoration, Fort Wayne, Indiana
A.B., St. Francis College (Indiana), 1961. Major subject: English.
- Norman L. Smith, III, Haddonfield, New Jersey
B.A., Springfield College (Massachusetts), 1965. Major subject: History.
- Victor Paul Stasica, Chicago, Illinois
B.A., DePaul University, 1966. Major subject: Economics. Dissertation: The Collectivization of Agriculture in the Soviet Union.
- †Sister Ellen Mary Sugrue, Religious Sisters of Mercy of the Union of the Americas, Farmington, Michigan
B.A., Mercy College, 1958. Major subject: Modern Languages (French).
- James Robert Sweeney, Providence, Rhode Island
A.B., Providence College, 1965. Major subject: History.
- †Gordon Jackson Tolle, South Bend, Indiana
A.B., Oberlin College, 1965. Major subject: Government and International Studies.
- Brother Bruno Lee Van Horn, Brothers of the Christian Schools, Winona, Minnesota
B.A., St. Mary's College (Minnesota), 1963. Major subject: Theology.
- Joseph Douglas Varese, Madison, Wisconsin
B.A., University of Notre Dame, 1965. Major subject: Sociology.
- Rev. Emilio Cesare Viano, Torino, Italy
S.T.L., Pontifical Gregorian University, 1963; D.Th., Pontifical Lateran University, 1965. Major subject: Sociology.
- Francis William White, Philadelphia, Pennsylvania
B.A., LaSalle College, 1963. Major subject: Government and International Studies.
- Sister Ann Carol Wickert, Sisters of Loretto, Denver, Colorado
A.B., Webster College, 1956. Major subject: Education.
- †Kenneth Harold Wolf, Davenport, Iowa
B.A., St. Ambrose College, 1965. Major subject: History.
- †Mario G. Yarrarazaval, Congregation of Holy Cross, Notre Dame, Indiana
B.A., University of Notre Dame, 1964. Major subject: Art.
- †Thaddeus Carl Zolty, Harvey, Illinois
B.A., Loras College, 1961. Major subject: Government and International Studies.

The Degree of Master of Fine Arts on:

- James Robert Costello, South Bend, Indiana
B.F.A., University of Notre Dame, 1964.

Timothy J. Maloney, Louisville, Kentucky
B.F.A., University of Notre Dame, 1965.

Sister Ines Maria Ryan, School Sisters of Notre Dame, Wilton,
Connecticut
A.B., College of Notre Dame of Maryland, 1958.

The Degree of Master of Mediaeval Studies on:

F. Kenneth Jensen, Hollis, New York
B.A., College of Holy Cross (Massachusetts), 1964. Dissertation: The College
of Presles at the University of Paris (1314-1765): An Introduction to Its
History.

The Degree of Master of Music on:

Sister Rosemary Zauss, Congregation of the Sisters of St. Joseph,
Tipton, Indiana
B.A., Marian College (Indiana), 1952.

The Degree of Master of Business Administration on:

Rev. Charles Albert Christopher, Congregation of St. Basil, Ontario,
Canada
B.A., Assumption University of Windsor, 1955; S.T.B., University of St.
Michael's College (Canada), 1960.
Sister Josele Mary Laplume, Ancilla Domini Sisters, Donaldson,
Indiana
B.S., Alverno College, 1957.

The Degree of Master of Science on:

Ronald J. Addison, South Bend, Indiana
B.S., Ball State University, 1962; M.S., *ibid.*, 1966. Major subject: Mathe-
matics.
Raymond David Baros, Greeley, Colorado
A.B., Colorado State College, 1963. Major subject: Mathematics.
Harry Lawrence Bauer, Junior, Philadelphia, Pennsylvania
B.A., Villanova University, 1965. Major subject: Chemistry.
William E. Bodden, Milwaukee, Wisconsin
B.S., Marquette University, 1964. Major subject: Mathematics.
Leo Bragg, Junior, Little Rock, Arkansas
B.S., Agricultural, Mechanical and Normal College, 1963. Major subject:
Mathematics.
John Robert Cain, Connersville, Indiana
B.S., Purdue University, 1963. Major subject: Mathematics.
†David Anthony Cappelletti, Elkhart, Indiana
B.A., Manchester College, 1964. Major subject: Biology.
†Sister Ellen Marie Clinton, Grey Nuns of the Sacred Heart, Buffalo,
New York
B.A., D'Youville College, 1964. Major subject: Physics. Dissertation: Track
Density as a Function of the Temperature and Pressure of the Hydrogen
Bubble Chamber.
Miss Mary Ann T. Corbo, Altoona, Pennsylvania
B.A., Seton Hill College, 1964. Major subject: Mathematics.
Sister Mary William Ann DeCleene, School Sisters of Notre Dame,
Marinette, Wisconsin
B.S., Mount Mary College, 1963. Major subject: Mathematics.
Anthony Michael Desiderio, Philadelphia, Pennsylvania
B.A., LaSalle College, 1965. Major subject: Physics.
Miss Roberta Marie Eisenberg, Woodside, New York
B.S., St. John's University (New York), 1962. Major subject: Mathematics.

- Dennis E. Filliman, Ottumwa, Iowa
B.A., State College of Iowa, 1959. Major subject: Mathematics.
- Jack Goetz Gilbey, LaPorte, Indiana
B.A., Valparaiso University, 1952. Major subject: Microbiology.
- William John Hamshire, Waterloo, Wisconsin
B.S., Wisconsin State College (Stevens Point), 1963. Major subject: Mathematics.
- Samuel S. Huang, Taipei, Taiwan, Republic of China
B.S., National Taiwan University, 1964. Major subject: Physics.
- Paul Richard Johnson, Chicago, Illinois
B.S., Loyola University (Illinois), 1965. Major subject: Chemistry.
- Wenceslaus Leonard Kilama, Bukoba, Tanzania
A.B., St. Michael's College (Vermont), 1965. Major subject: Biology.
- Leonard F. Kilian, West Hartford, Connecticut
B.S., University of Notre Dame, 1952; M.A., Trinity College (Connecticut), 1964. Major subject: Mathematics.
- John Randall Kobelsky, Sheboygan, Wisconsin
B.S., Wisconsin State College (Oshkosh), 1963. Major subject: Mathematics.
- Richard Anthony Koehler, Geneva, Nebraska
B.S., University of Oklahoma, 1964. Major subject: Mathematics.
- Sister M. Eleanor Jean Kollman, Sisters of the Congregation of the Holy Cross, Notre Dame, Indiana
B.A., St. Mary's College (Indiana), 1962. Major subject: Biology.
- Donald Joseph Krebs, Milwaukee, Wisconsin
B.S., Marquette University, 1963. Major subject: Mathematics.
- Richard Alan Leitten, Hamburg, New York
B.A., University of Notre Dame, 1957; M.S., St. Louis University, 1964. Major subject: Mathematics.
- Lonnie Machen, Lecompte, Louisiana
B.S., Southern University (Louisiana), 1960. Major subject: Mathematics.
- Phillip Anthony Makurat, Las Vegas, Nevada
B.S., Wisconsin State College (Oshkosh), 1963. Major subject: Mathematics.
- Sister M. Joseph Kieran McAdams, Sisters, Servants of the Immaculate Heart of Mary, West Chester, Pennsylvania
A.B., Immaculata College, 1965. Major subject: Mathematics.
- Stephen Joseph McNally, Cascade, Iowa
B.A., St. Ambrose College, 1962. Major subject: Mathematics.
- Miss Joy Ann McPherson, Fairborn, Ohio
B.S., Bowling Green State University, 1963. Major subject: Mathematics.
- Ramesh K. Miglani, Chandigarh, India
B.A., Government College (India), 1959; M.A., Punjab University, 1962. Major subject: Mathematics.
- †Michael Joseph Moore, Medford, Oregon
B.S., University of Portland, 1964. Major subject: Chemistry. Dissertation: The Microwave Spectroscopy of Reactive Systems.
- Miss Carol A. Nelson, New York, New York
B.A., College of New Rochelle, 1962. Major subject: Mathematics.
- †Michael Oester, Chicago, Illinois
B.S., University of Notre Dame, 1963. Major subject: Chemistry. Dissertation: The Oxidation of Mercaptans by Iodine Beyond the Disulfide Stage.
- George Francis O'Meara, III, South Bend, Indiana
B.S., University of Notre Dame, 1964. Major subject: Biology.
- Andali Raghunath, Madras, India
B.Sc., University of Madras, 1959. Major subject: Chemistry.
- James A. Reed, East Hartford, Connecticut
B.A., University of Connecticut, 1963. Major subject: Mathematics.

- John Edward Richards, Council Grove, Kansas
B.A., University of Kansas, 1961. Major subject: Mathematics.
- Thomas Gregory Sauer, Baltimore, Maryland
B.S., Loyola College (Maryland), 1965. Major subject: Physics.
- Robert E. Solazzi, Rockford, Illinois
B.A., University of Chicago, 1964. Major subject: Mathematics.
- Joseph J. Spila, Lancaster, Pennsylvania
B.S., State College, Millersville, Pennsylvania, 1963. Major subject: Mathematics.
- Theodore F. Sullivan, Bethpage, New York
B.S., College of Holy Cross (Massachusetts), 1964. Major subject: Mathematics.
- John Joseph Walker, Philadelphia, Pennsylvania
B.S., Villanova University, 1965. Major subject: Chemistry.
- James Gail Weber, Dolliver, Iowa
B.S., Iowa State College, 1963. Major subject: Mathematics.
- John Walter White, Laureldale, Pennsylvania
B.S., Georgia State College, 1963. Major subject: Mathematics.
- Napoleon Williams, Junior, Richmond, Indiana
A.B., Earlham College, 1963. Major subject: Mathematics.
- Thomas Joseph Windish, Syracuse, New York
B.S., LeMoyne College (New York), 1965. Major subject: Chemistry.
- Alan Kent Wise, Denver, Colorado
A.B., Colorado State College, 1962. Major subject: Mathematics.
- Kei-hsiung Yang, Taiwan, Republic of Free China
B.S., National Taiwan University, 1964. Major subject: Physics.
- Theodore Petro Zacharia, Beirut, Lebanon
B.S., American University of Beirut, 1955; M.S., *ibid.*, 1964. Major subject: Microbiology.

The Degree of Master of Science in Aero-Space Engineering on:

- Richard Albert Bell, Bethel Park, Pennsylvania
B.A.S.E., University of Notre Dame, 1965. Dissertation: A Linear and Non-Linear Analysis of the Free Pitching Motion of the Navy Low Drag Bomb with Three Different Fin Configurations.
- Carroll Benson Butler, Fort Walton Beach, Florida
B.S.A.E., George Institute of Technology, 1957. Dissertation: 2.75 FFAR Large Yaw Dynamics.
- Charles Albert Campbell, Junior, North Royalton, Ohio
B.S.A.E., University of Notre Dame, 1965. Dissertation: Free-Flight Wind Tunnel Technique for Measuring the Aerodynamic Forces on a Hypersonic Lifting Body.
- Thomas Arthur Clare, Flushing, New York
B.S.A.E., University of Notre Dame, 1966. Dissertation: An Investigation of the Dynamic Behavior of a Split-Skirt Bomb in Free Flight.
- Thomas Henry Faller, Miami, Florida
B.S.A.E., University of Notre Dame, 1965. Dissertation: On the Three Degree of Freedom Motion of a Statically Unstable Missile in a Wind Tunnel.
- Charles Raymond Hall, Syracuse, New York
B.S.A.E., University of Notre Dame, 1965. Dissertation: An Experimental Investigation of the Near Wake of a Planar Expansion-Deflection Nozzle.
- William John Mindlin, Massapequa, Long Island, New York
B.S.M.E., University of Notre Dame, 1966. Dissertation: A Stability Analysis on the Dynamic Response of a Re-Entry Cone at Hypersonic Velocity.

John Julius Oras, Junior, River Grove, Illinois
B.A., University of Notre Dame, 1964; B.S.A.E., *ibid.*, 1965. Dissertation: On the Combined Free Pitching and Yawing Motion of the Basic Finner Missile.

Richard Frank Romanowski, Yonkers, New York
B.S.A.E., University of Notre Dame, 1965.

William Daniel Siddons, Junior, Wilmington, Delaware
B.S.A.E., University of Notre Dame, 1965.

Michael Alan Smith, LaPorte, Indiana
B.S.A.E., University of Notre Dame, 1965. Dissertation: The Magnus Characteristics of Designedly Autorotating Bodies in a Single Degree of Freedom in Axial Rotation.

Stephen Charles Stumpf, South Belmar, New Jersey
B.S.A.E., University of Notre Dame, 1965. Dissertation: On the Effect of Fin Slots and Fin End Plates on Subsonic Roll Slow-Down, Roll Lock-In, and Roll Speed-up.

Robert Ambrose Zehnle, Augusta, Michigan
B.S., University of Notre Dame, 1964; B.S.A.E., *ibid.*, 1966. Dissertation: An Investigation of the Dynamic Stability of Magnus Rotors.

The Degree of Master of Science in Chemical Engineering on:

Sardul Singh Minhas, Jullundur, India
B.S., Punjab University, 1963; M.T., Indian Institute of Technology, 1965.

Arvindkumar Dahyabhai Patel, Bombay, India
B.S.Ch.Eg., Kansas State University, 1965. Dissertation: Partial Miscibility Phenomena in the Binary System Ethane-N-Tetracosane.

The Degree of Master of Science in Civil Engineering on:

John James Coffey, Junior, White Plains, New York
B.S.C.E., University of Notre Dame, 1965. Dissertation: A Study of the Parameters Involved in the Conditioning of Activated Sludge Through the Use of Synthetic Polymers.

†Michael Edward Fiore, Junior, Garden City, New York
B.S.C.E., University of Notre Dame, 1965. Dissertation: An Investigation into the Mechanisms of Bioflocculation.

John Frederick Fischer, St. Louis, Missouri
B.S.C.E., St. Louis University, 1965. Dissertation: The Application of Optimum-Seeking Methods to the Design of a Cantilever Retaining Wall.

Frank M. Gagliardi, Mamaroneck, New York
B.S.A.E., University of Notre Dame, 1963. Dissertation: An Analysis of the Water Resources of a Small Rural Area in Columbia and the Relationship between this Analysis and the Development of the People in the Area Studied.

Germán García Durán, Cucuta, Colombia, South America
B.S.C.E., University of Notre Dame, 1964; Ing. Civil, Universidad de Los Andes, 1965. Dissertation: Some Physical, Chemical and Electrochemical Aspects of Rapid Filtration Through Granular Media.

Theodore Alan Gleason, Gilmore City, Iowa
B.S.C.E., University of Notre Dame, 1961. Dissertation: An Analysis of a Three-Dimensional Pile Group in Cohesive Soil.

Daniel Richard Lawson, Council Bluffs, Iowa
B.S.C.E., University of Notre Dame, 1963. Dissertation: The Analysis of Multi-bay Bent Highway Bridge Piers Using the Electronic Digital Computer.

Charles Michael Nenadic, Detroit, Michigan
B.A., University of Notre Dame, 1965; B.S.C.E., *ibid.*, 1966. Dissertation: Nitrate Nitrogen Reduction by Electrolysis.

Rolando Penarrieta Mirones, La Paz, Bolivia
Lic. Ing. Civil., Oruro Technical Univ., Bolivia, 1961. Dissertation: Deflection Stability of Nonlinear Structures.

Lloyd Maurice Pernela, Olympia, Washington

B.S., St. Martin's College, 1965. Dissertation: Systems Formulation of the Ultimate Collapse Analysis of Planar Frames and a Corresponding Problem Oriented Computer Language.

Wijewickrema Kotigalage Gamini Nihal Perera, Colombo, Ceylon

B.Sc., University of Ceylon, 1962. Dissertation: The Investigation of a Possible Parabolic Rupture in the Stability Analyses of Slopes.

†Ronald Gilbert Schuessler, St. Louis, Missouri

B.S.C.E., University of Notre Dame, 1966. Dissertation: An Investigation of the Chemical Flocculation and Auto-Flocculation of Algae.

The Degree of Master of Science in Electrical Engineering on:

Gregory Richard Athas, Chicago, Illinois

B.S.E.E., Christian Brothers College, 1965.

Guilherme Jose Binelli, Rio de Janeiro, Brazil

Eng. Eletrecista, Escola Nac. de Engenharia, Univ. of Brazil, 1964.

Floyd Dixon Bresenham, Cloris, New Mexico

B.S.E.E., University of New Mexico, 1965.

Terrence Charles Corcoran, Bozeman, Montana

B.S.E.E., University of Notre Dame, 1965.

†Frank Anthony D'Abreo, Karachi, Pakistan

B.E., N.E.D. Engineering College, Karachi, 1965.

Francesco Fedi, Rome, Italy

Dott. Ing., Universita di Roma, 1963. Dissertation: Measurement of the Mutual Coherence Function in Radio Propagation.

†Vincent Joseph Graham, Junior, Chicago, Illinois

B.S.E.E., University of Notre Dame, 1965.

Thomas Patrick Green, South Bend, Indiana

B.S.E.E., University of Notre Dame, 1965.

†Philip Michael Mantey, Sharon Springs, Kansas

B.S.E.E., University of Notre Dame, 1965.

Giles Lawrence Martin, Balboa, Canal Zone

B.S.E.E., University of Notre Dame, 1965.

Edward Joseph Nowacki, Junior, South Bend, Indiana

B.S.E.E., Rose Polytechnic Institute, 1966.

†Ganapathy Ramachandran, Tajore, India

B.Sc., Birla Institute of Technology, 1962; M.S., Indian Institute of Science, 1964.

Charles B. Silio, Junior, San Francisco, California

B.S.E.E., University of Notre Dame, 1965.

The Degree of Master of Science in Engineering Science on:

James Carlton Hayes, Arlington, Virginia

B.S.E.E., University of Notre Dame, 1964.

Lawrence David Johnson, South Bend, Indiana

B.S. Engr. Sci., University of Notre Dame, 1965.

William Joseph Kane, Chicago, Illinois

B.S. Engr. Sci., University of Notre Dame, 1965.

Lawrence Gerald Schlussler, New York City, New York

B.S.M.E., Clarkson College of Technology, 1965.

The Degree of Master of Science in Mechanical Engineering on:

Paul Louis Barbero, Great River, New York

B.S.M.E., University of Notre Dame, 1965.

†Thomas Edward Brinker, Evanston, Illinois

B.S.M.E., University of Notre Dame, 1965.

Charles Michael Brunhofer, River Edge, New Jersey

B.M.E., University of Notre Dame, 1965.

James Joseph Conway, Bayside, New York
B.S.M.E., University of Notre Dame, 1965.

†Rameschandra Vajeshanker Dave, Rajkot, Gujarat State, India
B.E.(Mech.), Maharaja Sayajirao University of Baroda, 1963.

Frederic Harvey Howard, Houston, Texas
B.S.M.E., University of Notre Dame, 1965.

†Charles Francis Juster, Clifton, New Jersey
B.S.M.E., University of Notre Dame, 1965.

†Jack Denton Mattingly, Zanesville, Ohio
B.S.M.E., University of Notre Dame, 1965.

†Daniel Joseph Towers, Brooklyn, New York
B.E., Manhattan College, 1965.

John C. Zink, South Bend, Indiana
B.S.M.E., University of Notre Dame, 1965.

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

†Man Mohan Kumar, Allahabad, India
B.Sc., Banaras Hindu University, 1961.

†Nobuyuki Mizouchi, Takarazuka City, Japan
B.S.E., Kyota University, 1963. Dissertation: The Sintering of Calcium
Fluoride.

Louis Anthony Razzetti, Brooklyn, New York
B.E., Manhattan College, 1965.

†K. Vaithinathan, Tiruvisaloor, Madras, India
B.E., Indian Institute of Science, 1965.

THE COLLEGE OF LAW

The Degree of Bachelor of Laws on:

- Albright, William Harry, Sharon, Pennsylvania
B.S., Carnegie Institute of Technology, 1963
- Barkley, Jr., Robert Edward, Metairie, Louisiana
B.S., Louisiana State University, 1964
- Berthold, Jerry Lee, Huntington, West Virginia
A.B., University of Notre Dame, 1964
- Blasi, John Joseph, Chicago, Illinois
B.B.A., University of Notre Dame, 1966
- Bliss, Jr., Harold J., Phoenix, Arizona
B.A., LaSalle College, 1964
- Bonfanti, Leonard Anthony, Peabody, Massachusetts
A.B., Suffolk University, 1964
- Brenner, Louis Warren, Mapleton, Iowa
A.B., University of Notre Dame, 1964
- Campbell, Murray Carlisle, Niles, Michigan
B.S., Babson Institute of Business Administration, 1963
- Carey, Francis Joseph, Westchester, Illinois
A.B., University of Notre Dame, 1964
- Cihlar, Frank Phillip, Berwyn, Illinois
B.S., Loyola University, 1964
- Cook, Michael Kerin, St. Joseph, Michigan
B.B.A., University of Notre Dame, 1966
- Couch, John Carey, Kinderhook, New York
A.B., University of Notre Dame, 1966
- Culm, Gerald Philip, Chicago, Illinois
B.B.A., University of Notre Dame, 1966
- Farrell, Jr., Thomas George, Cambria Heights, New York
B.A., St. Francis College, 1964
- Fine, John Christopher, Scarsdale, New York
B.S., Roanoke College, 1964
- Finley, Richard Helme, Kendallville, Indiana
B.A., Tulane University, 1964
- Fleming, Lawrence Joseph, St. Louis, Missouri
B.S., St. Louis University, 1964
- Fogerty, Michael Joseph, Elwood, Indiana
A.B., University of Notre Dame, 1964
- Foley, Christopher C., Los Angeles, California
A.B., University of Notre Dame, 1962
- Francescani, David Richard, Manhasset, New York
B.S.M.E., University of Notre Dame, 1964
- Hargrove, John James, Babylon, Long Island, New York
A.B., University of Notre Dame, 1964
- Harrington, James Timothy, Oak Lawn, Illinois
A.B., University of Notre Dame, 1964
- Harty, John Thomas, Forest Park, Illinois
A.B., University of Notre Dame, 1964

* Cum Laude
** Magna Cum Laude
*** Maxima Cum Laude
† February Graduate

Heinhold, James Charles, Babylon, New York
 B.A., St. Francis College, 1964
 Holmes, David Richard, South Bend, Indiana
 A.B., Purdue University, 1964
 Jachnycky, Lubomyr Matthew, New Haven, Connecticut
 A.B., Providence College, 1964
 Johnston, Jay James, Lake Bluff, Illinois
 B.S., Marquette University, 1964
 Kamm, David Gerard, Grand Rapids, Michigan
 A.B., Aquinas College, 1964
 Kaup, Gerhard Henry, Hamilton, Ohio
 B.S., Xavier University, 1964
 Keenan, James Sean, North Canton, Ohio
 B.A., Walsh College, 1964
 Kirby, Jr., John Patrick, Brooklyn, New York
 B.S., U. S. Military Academy, 1960
 Konopa, Robert John, Manistee, Michigan
 A.B., University of Notre Dame, 1963
 M.A., University of Notre Dame, 1964
 Kowals, Anthony David, South Bend, Indiana
 B.S., Florida State University, 1964
 Lamantia, Stephen Richard, Buffalo, New York
 A.B., Canisius College, 1964
 Lazarus, Kenneth Anthony, Nutley, New Jersey
 B.A., University of Dayton, 1964
 Luber, Anthony Vincent, Adena, Ohio
 A.B., College of Steubenville, 1963
 Magnotta, Jr., Alfonso Anthony, Albion, Michigan
 B.B.A., University of Notre Dame, 1963
 Manzi, Michael, Methuen, Massachusetts
 A.B., Merrimack College, 1964
 Martori, Joseph Peter,* Brooklyn, New York
 B.S., New York University, 1963
 McDonough, Thomas Jerome, Chicago, Illinois
 B.S.S., John Carroll University, 1964
 Meyer, Paul Joseph,* Evergreen Park, Illinois
 B.A., St. Mary's College, 1964
 Mollison, James Joseph, Niles, Michigan
 B.B.A., Western Michigan University, 1964
 Monterosso, Dominic, Detroit, Michigan
 B.B.A., University of Notre Dame, 1961
 Muench, Richard Arthur, Wilmette, Illinois
 A.B., University of Notre Dame, 1964
 Nasky, H. Gregory, Warren, Pennsylvania
 A.B., St. Bonaventure University, 1964
 Nelson, John Willard, LaPorte, Indiana
 A.B., University of Notre Dame, 1964
 Nicholson, Morris Gwynn, Newton, Massachusetts
 A.B., University of Notre Dame, 1964
 O'Connor, Patrick Joseph, Philadelphia, Pennsylvania
 A.B., LaSalle College, 1964
 Olson, James Joseph, Sioux City, Iowa
 B.S.B.A., Creighton University, 1964

O'Shaughnessy, Jr., Thomas William, Oak Park, Illinois
B.B.A., University of Notre Dame, 1966

Pochiro, Patrick Rocco, Youngstown, Ohio
A.B., Youngstown University, 1964

Roe, Jr., Clifford Ashley,* Vermilion, Ohio
B.S., Xavier University, 1964

Sandweg, Jr., Gerard Kenneth, St. Louis, Missouri
B.S., St. Louis University, 1964

Schmuhl, Jr., William John, Michigan City, Indiana
B.B.A., University of Notre Dame, 1965

Seng, Michael Paul, Lost Nation, Iowa
A.B., University of Notre Dame, 1964

Sinars, Theodore Alexander, Jr., Chicago, Illinois
B.B.A., University of Notre Dame, 1966

Smith, Michael Joseph, Bronx, New York
A.B., University of Notre Dame, 1964

Sullivan, Thomas Joseph, Grand Rapids, Michigan
B.A., Aquinas College, 1964

Swirtz, Arthur Cyril, Flint, Michigan
B.B.A., University of Notre Dame, 1964

Verterano, Frank George, Hillsville, Pennsylvania
B.S.B.A., Youngstown University, 1964

Walta, John Gregory,* Brookings, South Dakota
B.S., St. John's University, 1964

Wingerter, John Raymond, Erie, Pennsylvania
B.A., Norwich University, 1964

THE COLLEGE OF ARTS AND LETTERS

The Degree of Bachelor of Arts on:

Rodney John Abele, Jr.,* Metairie, Louisiana

Fred William Abide, Jr., Leland, Mississippi

Ronald Russell Adley, Munster, Indiana

Joseph Paul Ahearn, Framingham, Massachusetts

Terrance Berry Ahern, West Hartford, Connecticut

Francis John Alexander, Rockville Centre, New York

Harry William Alexander, Wilmington, Delaware

Richard Brian Allen, Springvale, Maine

Thomas Richard Anderson, Minneapolis, Minnesota

William Gary Anderson,* Hicksville, New York

James Dudley Andrew,*** Pacific Palisades, California

Robert Sam Anson,* Cleveland, Ohio

Robert Lawrence Antus, Manhasset, New York

Philip Leslie Azar, Belleville, Illinois

Charles James Babbitt, Flagstaff, Arizona

William Lawrence Bache, III, Vicksburg, Mississippi

James Greyson Baldwin, Detroit, Michigan

John Joseph Balinsky,*** Fayetteville, New York (*Valedictorian*)

John Gerard Bambrick, Jr., Harrisburg, Pennsylvania

John Davis Banker, Jr., Mohall, North Dakota

Joseph Francis Bargo, C.S.C.,* Notre Dame, Indiana

Gary Frank Barnabo, Farmington, Michigan

Ronald Stephen Batkiewicz, Royal Oak, Michigan
 John Thomas Baumgartner,** West Bend, Wisconsin
 Scott D. Bayer, Rochester, New York
 Philip Normand Beauregard,** New Bedford, Massachusetts
 David William Beck, North Tarrytown, New York
 Daniel Joseph Behles,* Glenview, Illinois
 Joseph Charles Bellino, Bethesda, Maryland
 John Michael Bevz,* Oswego, New York
 Julian N. Bills, Jr.,* Salt Lake City, Utah
 Richard Michael Bisanz,* St. Paul, Minnesota
 Kenneth Michael Black,* Milwaukee, Wisconsin
 Francis Xavier Blouin, Belmont, Massachusetts
 †Joseph Thomas Bodell, Haverford, Pennsylvania
 Neil Edmund Bowen,*** Attleboro, Massachusetts
 Arthur Francis Boyle,* Merrick, New York
 Thomas Edward Boyle, Alexandria, Virginia
 Joseph Wendel Boyles, Kalamazoo, Michigan
 Michael Timothy Bradley, South Bend, Indiana
 Edward Martin Brandt, St. Louis, Missouri
 Robert Joseph Bregenzer, Kankakee, Illinois
 James Edward Bresette, III,* Kansas City, Missouri
 James Gregory Bridgeman,** Pittsburgh, Pennsylvania
 Enrique Opazo Brieba, Santiago, Chile
 Dennis Keith Brooks, Birmingham, Michigan
 William Lloyd Brown, Omaha, Nebraska
 George Anthony Brutscher, Toughkenamon, Pennsylvania
 Vincent John Buccellato, Glen Rock, New Jersey
 David Kennedy Buckley, Fort Lauderdale, Florida
 David William Buckley, Chicago, Illinois
 Paul Thomas Buennagel, Indianapolis, Indiana
 †Samuel James Buonaugurio, Rochester, New York
 Gerald Francis Burke, Freehold, New Jersey
 Jerome Lawrence Burke, Rocky River, Ohio
 William Daniel Burke, Chicago, Illinois
 Daniel Matthew Burns, Jr.,** Garden City, New York
 Thomas George Burns, Pittsburgh, Pennsylvania
 John Michael Burtis, Binghamton, New York
 John Joseph Bush, Chicago, Illinois
 Timothy Harold Butler,** Austin, Minnesota
 Douglas Arthur Cairns,* Akron, Ohio
 Clay Joseph Calhoun, Jr., New Orleans, Louisiana
 Daniel Doyle Canale, Jr.,** Memphis, Tennessee
 Louis Guy Cancelmi, Pittsburgh, Pennsylvania
 Brian Joseph Cantwell,** Massapequa, New York
 Jack Patton Caolo, Sanford, Florida
 †David Joseph Carbine, Rutland, Vermont
 James Thomas Carmody,* Bloomington, Illinois
 Thomas Patrick Carney, Jr., Lake Forest, Illinois
 John Charles Carroll, Jr., Woodstock, Illinois
 Daniel Michael Carson, Floral Park, New York
 Michael Salvatore Caruso, Notre Dame, Indiana
 Robert Anthony Casella, Baldwin, New York
 Patrick Herbert Casey, New Orleans, Louisiana
 Robert Brian Cass,** Golf, Illinois
 James Joseph Cavnar,** Dallas, Texas

Alfred Robert Celli,* Columbus, Ohio
 Stephen Peter Cerow, Rockville Centre, New York
 Joseph William Chevarley, Jr., Newton, Massachusetts
 †Joseph Frank Cichalski, South River, New Jersey
 Richard Irving Clark, Lockport, New York
 William Vincent Coco, Helena, Arkansas
 David Edward Collier, Philadelphia, Pennsylvania
 Stephen Michael Collins, Boston, Massachusetts
 Richard Edmund Conlin, Ann Arbor, Michigan
 Donald Francis Connors, Jr., Garden City, New York
 William Lawrence Conole, Binghamton, New York
 Thomas C. Conoscenti, Niles, Illinois
 John Michael Conroy, Chevy Chase, Maryland
 Thomas Trumbull Corbett, Glencoe, Illinois
 John Joseph Corrigan, III, Hazleton, Pennsylvania
 Thomas Joseph Cousino, Monroe, Michigan
 Brian John Coyle, Hackensack, New Jersey
 Jeffrey William Coyle, Staten Island, New York
 John Michael Creagan, Ardsley, New York
 Timothy Paul Creany, Ebensburg, Pennsylvania
 George William Cregg, Jr., Syracuse, New York
 Sean Thomas Crimmins, Pittsburgh, Pennsylvania
 †Charles Edwin Cronauer, Arlington Heights, Illinois
 Robert Leonard Crongeyer, Jr., Pensacola, Florida
 Patrick James Cronin, South Bend, Indiana
 Michael Charles Crowe,* Eden, New York
 Anthony William Crowley, Jr., Evansville, Indiana
 Francis Leo Crumb, Westmoreland, New York
 Paul John Culhane, Lincolnwood, Illinois
 James John Cullen, Jr., Chicago, Illinois
 Paul Joseph Cunney, Salem, Massachusetts
 James Kevin Curley, Pittsfield, Massachusetts
 Richard Edward D'Alton, Mount Kisco, New York
 Robert Allen DeCoursey, Prairie Village, Kansas
 Joseph Albert Deegan, Riverside, California
 Wayne Francis DeHond, Rochester, New York
 Robert Antone Deichl, Northport, New York
 Thomas Gerard Demling,** Grand Rapids, Michigan
 John Richard Dempsey, Wyoming, Pennsylvania
 Daniel Frank Detzner, Munster, Indiana
 Paul Eugene DiBianco,* Grand Junction, Colorado
 Ernest John Diette, Jr., Orange, Connecticut
 Michael Francis Digby, Kirkwood, Missouri
 Richard Nicholas Dinallo, Jr., Redondo Beach, California
 James Vincent Dixon, Lake Zurich, Illinois
 Patrick Martin Dixon, Dixon, Illinois
 John Lawrence Donahue, Newark, New Jersey
 Daniel Joseph Donovan, White Plains, New York
 †William Michael Donovan, Melrose, Massachusetts
 †Mark Eugene Doub, Chattanooga, Tennessee
 Michael Douglas Doucette, Milwaukee, Wisconsin
 Francis Joseph Drejer, South Bend, Indiana
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Orbie Ross Overly, Kansas City, Missouri
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Michael Thomas Merk, Cleveland, Ohio
Joseph Carlo Monolo, Kirkwood, Missouri
John Joseph Pavlak, Chicago, Illinois
Everett Norman Scheer, Jr., St. Joseph, Michigan
William Franklin Schottelkotte, Dayton, Ohio
Anthony Joseph Stein, Long Island City, New York
Leonard Raymond Wohadlo, Waldwick, New Jersey
Anthony Joseph Zoglio, Jr., Arlington, Massachusetts

The Degree of Bachelor of Science in Civil Engineering on:

Paul Michael Barry, Woodbury, New Jersey
Robert Edward Browne, Madison, Wisconsin
John Pascal D'Aniello,* Evergreen Park, Illinois
†Melvin Ray Danysh, San Antonio, Texas
†Paul James DeMeo, Port Washington, New York
Richard Lyman Dernbach, West Hartford, Connecticut
Michael William Desmond,* Levittown, New York
Timothy Patrick Dunn, Hudson Falls, New York
†Michael James Finn, Rockford, Illinois
†John Clement Finneran, Jr., Baytown, Texas
Warren James Garsik,* Cambridge, New York
James Thomas Giordano, Queen's Village, New York
Kurt Joseph Guter, Pittsburgh, Pennsylvania
†Kenneth Ray Hatcher, Paducah, Kentucky
Gerald Lee Henrich, Merrill, Wisconsin
William Henry Highter, Charlestown, New Hampshire
†Barna Juhasz, Jr., Toms River, New Jersey
Edward Neal Kashuba, Chicago, Illinois
Donald Francis Kelly, Jr., Cleveland, Ohio
David Erwin Koch, Merrill, Wisconsin
Ronald Alfred Lieberwirth,** Succasunna, New Jersey
David Lee Lounsbury, Levittown, New York
James Ira McLaughlin, Blue Bell, Pennsylvania
John Lawrence Murphy, Jr., Toms River, New Jersey
Clifford Robert O'Bryan, Parsons, Kansas
†Eugene John Penman, Chicago, Illinois

James Marcelin Plou, Anaheim, California
 Frank Crain Schleicher, II, Caracas, Venezuela
 Michael Anthony Sweet, Sherman Oaks, California
 Michael Alan Thorp, Louisville, Kentucky
 John Dennis Walters, Manhattan, Kansas

The Degree of Bachelor of Science in Electrical Engineering on:

†Vincent Michael Allen, Portland, Maine
 James Russell Bajura, Duquesne, Pennsylvania
 David Cromwell Barrett, Grosse Pointe Farms, Michigan
 John Patrick Barry, Jr.,** Riverside, Connecticut
 Richard Hunter Borlik, Arlington, Virginia
 James Patrick Bradley, Dallas, Texas
 †Maurice Francis Carr, Ann Arbor, Michigan
 Carl Anthony De Franco, Jr., Glens Falls, New York
 Raul Ernesto Diaz, Panama City, Panama
 Victor Joseph Fischer, Brightwaters, New York
 John Robert Garrett, Westchester, Illinois
 William J. Gehrke,* Grosse Pointe, Michigan
 Ronald Joseph Geiss, Parma Heights, Ohio
 Gregory Richard Gillen,* W. Wayne, New Jersey
 Richard Cullen Grant, Houston, Texas
 James Robert Harbison, Kansas City, Missouri
 Thomas Lester Honohan, New York, New York
 Thomas Albert Ierubino, Fair Haven, New Jersey
 Lawrence Lee Kazmerski, Niles, Illinois
 Andrew Philip Kisylia,* Gary, Indiana
 Richard Stephen Luckew, Chicago, Illinois
 John Leonard Martin, Falmouth, Massachusetts
 †Donald Edward McBride, St. Louis, Michigan
 †Thomas Michael McClesky, C.S.C., Notre Dame, Indiana
 Kevin McGuinness, Stamford, Connecticut
 William Edward McNulty, Chicago, Illinois
 Albert Charles Mettrailer,* Little Rock, Arkansas
 Louis Frederick Meyer, Jr.,* Indianapolis, Indiana
 Donald Martin Moran,* Delano, Minnesota
 Raymond James Pedersen, New Hyde Park, New York
 William Theodore Peper, Medical Lake, Washington
 Theodore Vernon Purvin, Jr., Riverside, Illinois
 Ivan Manuel Quinones,* Caparra Heights, Puerto Rico
 William Ellis Rodgers,** Marianna, Pennsylvania
 Girdhari Vishindas Sambvani, Milan, Italy
 Hugh Francis Saracino, Mishawaka, Indiana
 Robert Franklin Scheuble,* Larchmont, New York
 Daniel Romeyn Schweitzer, Milwaukee, Wisconsin
 Edward John Semanik, Jr., Euclid, Ohio
 Brian Joseph Smyth, Crystal Lake, Illinois
 Joseph Andrew Spak, Fairview, Pennsylvania
 Denis Eugene Springer,** South Bend, Indiana
 William Walter Stallings,*** Carnegie, Pennsylvania
 Lawrence Francis Stauder, II, South Bend, Indiana
 †Harry Lawrence Terhune, Harrington Park, New Jersey
 Joseph Calisto Venerus, Woodbridge, New Jersey
 William Russell Veno, Jr., North Attleboro, Massachusetts
 John Patrick Walsh, Jr.,* Westfield, Massachusetts
 Thomas Joseph Welsh, Philadelphia, Pennsylvania

Kenneth Eugene Anthony Wendeln, Fort Wayne, Indiana
Donald Stephen Woessner, Fostoria, Ohio
Raymond Michael Zolnowski, Bayonne, New Jersey

The Degree of Bachelor of Science in Engineering Science on:

James Anthony Beoletto, Roanoke, Illinois
Terrence Quill Maynard, Oklahoma City, Oklahoma
Gerald James O'Connor, Joliet, Illinois
Alejandro Antonio Sosa, Panama City, Panama
Jack Harold Young,* Kelso, Washington
Michael Joseph Zika, Ottumwa, Iowa

The Degree of Bachelor of Science in Mechanical Engineering on:

†Neal Thomas Anderson, Hawthorne, New York
Bernard Reed Baker, Pittsburgh, Pennsylvania
Philip Anthony Barilla,** Steubenville, Ohio
†Paul R. Bernard, South Bend, Indiana
Robert Vincent Burnikel,** East Northport, New York
Alfred Stanley Byrne, Larchmont, New York
Robert Stephen Cuccias, Northridge, California
Dean Peter DeBruyne, St. Charles, Illinois
Joseph Martin DiLillo, Westbury, New York
Peter Joseph Downey, St. Louis, Missouri
John Maurice Dubowik, Nashua, New Hampshire
†Richard Louis Dwyer, Rockville Centre, New York
Richard Joseph Falkner, Indianapolis, Indiana
Kenneth Paul Francis, Chicago, Illinois
Thomas Arthur Gagnon, Michigan City, Indiana
John Harlan Gerken, Niles, Illinois
Michael Louis Graziano, Chicago, Illinois
Michael Carl Henning, San Carlo, California
Louis James Iacovo, Jr.,*** Stamford, Connecticut
James Patrick Keilman, Valley Stream, New York
Wayne Maurice Landry, Rumford, Maine
Gary Patrick Lewis, Ottawa, Ontario, Canada
Lawrence Edward Lewis, Mount Prospect, Illinois
Jerome Lee Margraf, Elkhart, Indiana
†Robert Paul Mayeux, Shreveport, Louisiana
Peter Lloyd McAdam,* Northbrook, Illinois
Gary Robert Morrow, Geneva, New York
†Edwin Neff, New York, New York
†William Howard Nicholson, Kentfield, California
Thomas Edward Nissen, Carmichael, California
†Thomas Gerald O'Shaughnessy, Salt Lake City, Utah
†Rafael V. Pinedo, Cartagena, Colombia
John Wendell Pitz, Batavia, Illinois
Russell Whittlesey Poylo, New York, New York
David George Richards, Birmingham, Alabama
Peter Frederick Riehm, Bronxville, New York
Richard Eugene Sauer, Louisville, Kentucky
Lawrence Raymond Scherpereel, South Bend, Indiana
†Henry Antony Schmid, Mount Clemens, Michigan
Timothy Joseph Shean, De Witt, New York
Edward Charles Shoub,** Brooklyn, New York
Joseph Francis Smith, Jr., Mount Arlington, New Jersey
Michael Albert Smolak, Yonkers, New York

Ernesto Arturo Sol, Jr., San Salvador, El Salvador
 Edward Francis Stuart, Cheshire, Connecticut
 William Robert Sugnet, Buffalo, New York
 Michael FitzGerald Thiel, Washington, D.C.
 Charles Joseph Toeniskoetter, St. Louis, Missouri
 Augustin Uribe, Medellin, Colombia
 John Jerald Wirth, South Bend, Indiana

The Degree of Bachelor of Science in Metallurgical Engineering on:

Daniel Roger Hennessy, Western Springs, Illinois
 Peter Joseph Howard, Norwalk, Connecticut
 Michael Edward Kuruzar, South Bend, Indiana
 †Patrick Edward Murray, Grosse Pointe Woods, Michigan
 Patrick Leo Palumbo, Sharon, Pennsylvania
 Robert James Pasquarelli, Pittsburgh, Pennsylvania
 James Michael Pope, Munhall, Pennsylvania
 Anthony John Teske, Boise, Idaho

THE COLLEGE OF BUSINESS ADMINISTRATION

The Degree of Bachelor of Business Administration on:

John Thomas Abbott, Pittsburgh, Pennsylvania
 James Waugh Adams, Ardmore, Pennsylvania
 John Leighton Adams, Chevy Chase, Maryland
 Ronald Alvarez, Huntsville, Alabama
 David Francis Amann, Evergreen Park, Illinois
 Marshall Edward Anders, Lafayette Hill, Pennsylvania
 Joseph Paul Anderson,*** Lincoln, Illinois
 John Francis Andrews, Rochester, New York
 Michael Stevens Anthony, Columbus, Ohio
 Allan Ray Bachewicz, Barrington, Illinois
 Melvin Charles Bachmeier, Chicago, Illinois
 Peter John Baldacci, San Rafael, California
 Ernesto Perez Balladares, David, Panama
 Peter Henry Banse, Cortland, New York
 Roger Joseph Baran,* Chicago, Illinois
 David Joseph Barbato, Rochester, New York
 Edward George Bardoe, Windermere, Florida
 James Thomas Barry, Jr., Clayton, Missouri
 Michael Feil Bartley, Peoria, Illinois
 Kevin Conway Baruth, Rockville, Maryland
 William Alan Baumert, West Hartford, Connecticut
 John Francis Beahn, Cincinnati, Ohio
 Stewart Lipscomb Beall, Lake Forest, Illinois
 John Foley Beasley, Ho Ho Kus, New Jersey
 William Craig Becker, Mt. Prospect, Illinois
 Joseph Garvy Belden, Canton, Ohio
 Richard Frease Belden, Jr., Canton, Ohio
 Robert Cecil Bentley, Clinton, Iowa
 Donald Joseph Bergan, Cedar Falls, Iowa
 Bernard Matthew Berklich, Trafford, Pennsylvania
 John Arthur Bernardi,* Toluca, Illinois
 Guerin Augustus Bernardin, Jr., Evansville, Indiana
 John Begley Bertrand, University Heights, Ohio

Jerry Robert Bintz, Indianapolis, Indiana
 Jan Alan Bishop, North Syracuse, New York
 Joseph George Bleser,* Morton Grove, Illinois
 William Anthony Bokan, Sacramento, California
 Bert Roger Bondi, Sheridan, Wyoming
 Peter Louis Born, New York, New York
 Ronald Raymond Boucher, Livonia, Michigan
 James Patrick Bourke, Elmhurst, Illinois
 John Arthur Brandau, Baltimore, Maryland
 James Carl Brandon, Curaçao, Netherlands Antilles
 Robert Joseph Brennan, Jr., Baldwin, New York
 William Earle Brew, Arlington, Virginia
 Richard Alan Broderick, Old Bethpage, New York
 Joseph Henry Broecker, Indianapolis, Indiana
 Joseph Clyde Broussard, Beaumont, Texas
 William Robert Brown,* Elmhurst, New York
 Kevin Gail Burke, Anita, Iowa
 Frank Albert Bussmann, St. Louis, Missouri
 John Cody Butler, Cleveland, Ohio
 John Arthur Buttler, Columbus, Ohio
 Thomas Hale Caldwell, Lawrenceburg, Indiana
 Terrence James Callahan, Pittsburgh, Pennsylvania
 John Cornelius Carroll, Grosse Pointe, Michigan
 James Earl Case, Mokena, Illinois
 Douglas Joseph Cassidy, Peoria, Illinois
 Earl Clifford Catron, Fort Lauderdale, Florida
 John Pape Cayce, Charlotte, North Carolina
 Robert James Cecka, Blue Island, Illinois
 Thomas Joseph Cholis, Indianapolis, Indiana
 Joseph Andrew Christenson, Cheyenne, Wyoming
 Edward Francis Christopher, West Long Branch, New Jersey
 Ronald Hampton Cimala, Beckley, West Virginia
 Mario Alan Cinquino, Haddonfield, New Jersey
 Lawrence Joseph Clarke, Indianapolis, Indiana
 Donald John Coakley, Wilmington, Delaware
 Leo Thomas Collins, Fargo, North Dakota
 Anthony Michael Colucci, Armonk, New York
 Lawrence Wayne Conjar, Enhaut, Pennsylvania
 Joseph Paul Conlon, Jr., Newtown Square, Pennsylvania
 Stephen James Connolly, Chicago, Illinois
 Daniel Joseph Conway, Pittsburgh, Pennsylvania
 Richard Joseph Corbin, Wheaton, Maryland
 Richard Joseph Costa, Brooklyn, New York
 John Arthur Cotter, St. Petersburg, Florida
 †Donald Clair Courson, LaGrange, Illinois
 John Anthony Cuellar, Dallas, Texas
 James Joseph Cunningham, Bethlehem, Pennsylvania
 Michael Patrick Curran, Oskaloosa, Iowa
 Edward Joseph DaDura, Jr., Churchville, Pennsylvania
 Andrew Aloysius Daly, Cold Spring Harbor, New York
 Jackson Beauregard Davis, Jr.,* Shreveport, Louisiana
 Paul Bruce Davis, Louisville, Kentucky
 †Richard Maurice Day, Harrison, New York
 James Edward DeCraene, Mishawaka, Indiana
 William Robert Delamater, Merrick, New York

Robert Francis Denvir, Oak Park, Illinois
 John Edward Desmond, Detroit, Michigan
 John David Devins, St. Paul, Minnesota
 Thomas Michael D'Haese, South Bend, Indiana
 William Vincent Dielmann, III, San Antonio, Texas
 Robert Adam Dietrich, III, Birmingham, Michigan
 Gerald Anthony DiFalco, San Francisco, California
 Dennis Michael Doran, Manhasset, New York
 Jan Erik Dormsjo, Garden City, New York
 James Dennis Dotson, Mankato, Minnesota
 Robert Edward Dowdell, East Norwich, L.I., New York
 Edward Louis Driscoll, Webster, New York
 Robert Joseph Duffey, Monroe, Michigan
 Robert Edward Duffy, Northbrook, Illinois
 George Robert Dunn, Jr., Chevy Chase, Maryland
 Richard Michael Dunn, Coral Gables, Florida
 William Wood Eckelkamp, Villa Ridge, Missouri
 Francis Edward English, Jr., New Rochelle, New York
 Eugene Thomas Farrell, Chicago, Illinois
 Robert Philip Feddis, Old Bridge, New Jersey
 Michael William Ference, Springfield, Illinois
 Edward Louis Finn, III, Northampton, Massachusetts
 David Edward Fitzgerald, Oak Lawn, Illinois
 Michael Frederick Fitzgerald, Northport, New York
 Neil William Foehrenbach, Douglaston, New York
 Michael P. Foley, Wilmette, Illinois
 Gerald Frederick Follmar, Rockford, Illinois
 Henry Anthony Fox, Jr., Grand Rapids, Michigan
 Robert Bertolucci Francis, San Francisco, California
 John Patrick Freeman, Naperville, Illinois
 Albert Jules Frey, Jr., New Orleans, Louisiana
 John Thomas Gaffney, Jr., Poughkeepsie, New York
 Stephen Barry Gallagher, Newport, Rhode Island
 Clinton Dale Garber, Bedford Hills, New York
 John Richard Gazdayka, Fairlawn, New Jersey
 Thomas Joseph Getz, Detroit, Michigan
 Richard Henry Ghio, Stockton, California
 Joseph Anthony Giovino, Jamaica Plain, Massachusetts
 Allen Francis Godin, Grosse Pointe Woods, Michigan
 Clinton Foster Goodwin, Lookout Mountain, Tennessee
 Timothy John Gorman, Jersey City, New Jersey
 David Eugene Grein, Oakland, New Jersey
 †Donn Lee Groh, Mishawaka, Indiana
 George Lorton Grumley, Joliet, Illinois
 Leroy Karl Gustke, Jr., Syracuse, New York
 †David Cornelius Haller, Concord, New Hampshire
 John William Halloran, Richfield, Minnesota
 Robert Joseph Harwood, Fairview Park, Ohio
 Leo John Hayes, Jr., Belleville, Illinois
 Earl William Hendricks, Murphysboro, Illinois
 Thomas Benedict Hennessy, Indianapolis, Indiana
 Michael Edward Hertling, St. Louis, Missouri
 Thomas Patrick Higgins, Jr., Grand Blanc, Michigan
 Robert Edmond Hinchey, Chicago, Illinois
 James Stephen Hoch, Richmond, Indiana
 Robert James Hodgson,* Hollywood, Florida

John Louis Hoelscher, Jr., Williamsville, New York
 John Paul Hoffmann, Manawa, Wisconsin
 Dennis Michael Hogerty, Kansas City, Missouri
 †Joseph Myles Holahan, Geneva, Ohio
 Andrew Allen Holowaty, Wellsville, Ohio
 Frank William Honerkamp, Jr., Douglaston, L.I., New York
 Ernest Otto Hornung, Grosse Pointe Shores, Michigan
 John Joseph Huber, III, Elizabethtown, Kentucky
 John Michael Hughes, Detroit, Michigan
 Edward James Hutchinson, Belleville, New Jersey
 David Allen Huzarewicz, Syracuse, New York
 Robert Henry Hyneckal, Jr., Baltimore, Maryland
 John Kevin Igoe, Columbus, Ohio
 Edward Ralph Jankowski, South Bend, Indiana
 William James Jennings, II, Auburn, New York
 Robert Kevin Jones, Willard, Ohio
 John Thomas Kane, Elmira, New York
 William James Kearney, Jr., Birmingham, Alabama
 Barry Patrick Keating, Idaho Falls, Idaho
 †James Frank Keller, Jr., Hinsdale, Illinois
 Darby John Kelly, Springfield, Massachusetts
 Gerald Thomas Kelly, Los Angeles, California
 Paul Joseph Kelly, Margate, New Jersey
 Thomas Joseph Kelly, Chicago, Illinois
 Dallas S. Kelsey, Jr., Grosseille, Michigan
 Richard Devoe Kernan, Bloomfield, New Jersey
 Richard Arthur Kill, Chicago, Illinois
 Edwin Mark Kloc, Jr.,** Midlothian, Illinois
 Charles Andrew Knaus, Detroit, Michigan
 Michael Julian Kraus, Park Ridge, Illinois
 Donald Warren Kubisiak, Wisconsin Rapids, Wisconsin
 Gary Peter Kuckel, Simsbury, Connecticut
 Luis Henry Lacayo, Managua, Nicaragua
 Steven Floyd Lancaster, Shelbyville, Indiana
 Manuel Enrique Ledesma, Hato Rey, Puerto Rico
 Robert Eugene LeMire, Jr., Escanaba, Michigan
 Donald Albert Liepold, South Bend, Indiana
 Robert Warren Linehan, II, Wilmette, Illinois
 Richard Lee Linting, Chicago, Illinois
 Kenneth John Liss, Oklahoma City, Oklahoma
 John Dennis Lium, Rye, New York
 Daniel Joseph Locke, Minneapolis, Minnesota
 Stephen Sheridan Locke, Houston, Texas
 Thomas Shea Locke, Fort Wayne, Indiana
 Timothy Raymond Longstreth, Zanesville, Ohio
 Daniel Charles Looney,** Chicago, Illinois
 Victor Louis Machunski, Jr., Needham, Massachusetts
 Richard Henry Madden, Bethesda, Maryland
 William Francis Madden, Chicago, Illinois
 Daniel Francis Madigan, III, Milwaukee, Wisconsin
 Joseph Antonio Magnano, Seattle, Washington
 Joseph Delma Mahaffey, Dallas, Texas
 Brian Thomas Malone, LaGrange, Illinois
 Edwin Lawrence Mankey, Gary, Indiana
 †Kenneth Stephen Manning, Woodbridge, Connecticut
 Geoffrey Albert Martis, Bayville, New Jersey

John Terrell McCall, Nocona, Texas
 Dennis Brent McCarthy, Onkama, Michigan
 Timothy Earle McCaskey, DesPlaines, Illinois
 Joseph Robert McCoy, Bellerose, New York
 Patrick Clement McCullough, Bernard, Iowa
 Anthony Joseph McGarry, Drexel Hill, Pennsylvania
 William Joseph McGovern, Plainview, New York
 Mark Gregory McGrath,** Panama City, Panama
 Robert Renauld McGrath, Panama City, Panama
 Thomas Francis McGuire, West Hartford, Connecticut
 James Joseph McGuirk, Jr., Salisbury, Maryland
 James Lawrence McInerney, II, Grand Rapids, Michigan
 Kevin Patrick McNevins, Fords, New Jersey
 Thomas Lynn McWilliams, Chicago, Illinois
 James Patrick Meade, Jr., Chicago, Illinois
 James Anthony Medeiros, Warren, Massachusetts
 Joseph John Melone, Lyndhurst, New Jersey
 Robert Louis Metelko, Lincoln, Illinois
 John Richard Meyer, Cadillac, Michigan
 Robert Albert Michalak, Chicago, Illinois
 Thomas John Miklos, Coplay, Pennsylvania
 †Thomas Robert Millerd, Waterloo, New York
 James Edward Monahan, Arcola, Illinois
 Stephen Clarence Moore, Merrick, New York
 Kevin Thomas Morrison,*** Munster, Indiana
 Peter Kerr Munson, Denison, Texas
 Thomas Charles Murphy, Lansing, Michigan
 Robert Rutherford Myer, III, Miami, Florida
 Robert August Narmont, Auburn, Illinois
 Donald Alan Nenadic, Detroit, Michigan
 Jerome Flannery Nevin, Spokane, Washington
 Gerard Joseph Nick,* Glen Ellyn, Illinois
 Richard Nofi, Port Washington, New York
 Robert Nofi, Port Washington, New York
 William Anthony Norrett, Philadelphia, Pennsylvania
 Michael Daniel Novy, Chicago, Illinois
 Francis J. Nunnery, Jr., Garden City, New York
 Stephen Lafayette Odgers, Claremont, California
 Edward Francis Ogiba, Oceanside, New York
 †James Vincent O'Keeffe, Jr., Marietta, Georgia
 Hugh Dennis O'Neil, Shawnee Mission, Kansas
 Dennis Dale O'Neill, Cadillac, Michigan
 Joseph Ignatius O'Neill, III, Midland, Texas
 Michael Albert O'Neill, Wilmington, Delaware
 †Patrick Joseph O'Reilly, Fort Wayne, Indiana
 Richard Henry Overgaag, Spring Valley, California
 Richard Peter Paladino, El Paso, Texas
 Armando Chavez Palomo, San Salvador, El Salvador
 Patrick Anthony Palopoli, North Abington, Massachusetts
 Michael Francis Parker, Indianapolis, Indiana
 Jose Rafael Passalacqua, Santurce, Puerto Rico
 Victor John Paternostro, Lyndhurst, New Jersey
 Paul Michael Petratis, Park Ridge, Illinois
 Juan Alberto Pico, Ponce, Puerto Rico
 Roger Joseph Pierce, Clay, New York

†James Joseph Piper, Chicago, Illinois
 John Joseph Pirro, McLean, Virginia
 Robert Anthony Plebanek, Oaklawn, Illinois
 William Jay Pollock, Kalamazoo, Michigan
 Donald George Poppleton, Pittsburgh, Pennsylvania
 Edward Allen Powers, Ashley, Ohio
 William Alexander Prish,* Garwood, New Jersey
 Howard Leslie Pryor, Bethel Park, Pennsylvania
 George Joseph Ptacek, Big Lake, Minnesota
 John George Radosevich, Palos Park, Illinois
 Michael Francis Ralyea, Buffalo, New York
 Brian James Redding, Glenview, Illinois
 James Emmett Regan, Jr., Oak Park, Illinois
 Terry Michael Reinhart, Washington, D. C.
 Kenneth Louis Reuther, New Orleans, Louisiana
 Peter Michael Reynolds, Eutaw, Alabama
 Robert Aaron Rice, Sierra Leone, West Africa
 Thomas Wayne Rieck, DesPlaines, Illinois
 Walter James Riley, III, Munster, Indiana
 †Gusty Anthony Rini, Cleveland, Ohio
 Thomas C. Rink, Rock Island, Illinois
 Willy Rivas, Managua, Nicaragua
 Bruno Michael Rizzo, Kenosha, Wisconsin
 Paul Conaty Roche, Jr., Corry, Pennsylvania
 Gordon Alban Rogalski, South Bend, Indiana
 Dallas Lee Rohrer, South Bend, Indiana
 Robert Allyn Rothacker, Jr., Gary, Indiana
 Thomas James Rowland, Joliet, Illinois
 James Fredrick Ruethling, Wilmette, Illinois
 †Patrick Michael Ryan, Buffalo, New York
 William John Ryan, Waterbury, Connecticut
 John Francis Salmon, Chicago, Illinois
 Thomas David Samaras, Randolph, Massachusetts
 Thomas Edward Sanna, South Bend, Indiana
 George John Sawaya, Kemmerer, Wyoming
 Dennis Kevin Sbertoli, Evanston, Illinois
 Robert Allan Schmitt, Philadelphia, Pennsylvania
 Norton R'Onayne Schonfeld, Jr., Bethesda, Maryland
 Paul Herman Seiler, Algona, Iowa
 William Joseph Shaw, Arlington, Virginia
 Raymond William Shem, Jr., Crown Point, Indiana
 Richard Charles Shepherd, Elmhurst, Illinois
 James Peter Sheridan, Montpelier, Vermont
 John Augustine Sillup, Jr., Linden, New Jersey
 John Edward Simna, Cleveland, Ohio
 Charles Leo Sizer, Cranford, New Jersey
 James Joseph Slade, South Bend, Indiana
 Norman John Slaustas, Westchester, Illinois
 Joseph Stanley Smith, Assumption, Illinois
 Joseph Victor Smith, Newburgh, New York
 Michael Stephen Snyder, South Bend, Indiana
 Michael William Solon, Akron, Ohio
 Charles John Sprong, Sodus, New York
 Ronald William Stahlschmidt, Afton, Missouri
 John Joseph Stelzer, Leawood, Kansas

Philip Matthew Stenger,* Birmingham, Michigan
 Ralph William Stevenson, Jr., Seaford, New York
 Thomas Michael Stoepler, Southfield, Michigan
 Thomas William Strachan, Little Silver, New Jersey
 Richard Craig Strack, Ontario, California
 James Joseph Strauss, Decatur, Georgia
 Gregory William Sturm, Jasper, Indiana
 John Francis Sullivan, Tulsa, Oklahoma
 Robert James Sullivan, Tulsa, Oklahoma
 Randolph Arthur Sutliff,* Richmond, Virginia
 Harry Samuel Swoyer, Jr., Pittsburgh, Pennsylvania
 Jesse Bruno Szczepanski, Chicago, Illinois
 Diego Tamayo, La Paz, Bolivia
 Thomas John Tencza, Dearborn, Michigan
 Thomas Scott Thelen, Kenosha, Wisconsin
 James William Thompson, Omaha, Nebraska
 Patrick Joseph Topolski, Michigan City, Indiana
 Etienne Totti, III, Santurce, Puerto Rico
 Dennis Andrew Tracey, Lathrup Village, Michigan
 Alfonso Enrique Valdes, San Juan, Puerto Rico
 Joseph John Vales, Rye, New York
 John Andrew Vuyosevich, Chatham, New Jersey
 Timothy Joseph Wagner, Columbus, Ohio
 Charles Michael Walsh, East Liverpool, Ohio
 John Chester Warner, Strongsville, Ohio
 James Stewart Watson, South Meriden, Connecticut
 David William Weigle, Philadelphia, Pennsylvania
 Michael Thomas Weis, Anderson, Indiana
 John Frederick Werner, Jr., Arcadia, California
 Robert Joseph Werner,** Little Rock, Arkansas
 Frank Brady Williams, Saratoga Springs, New York
 George Paul Williams, Glen Ellyn, Illinois
 Philip Joseph Williams, Bridgeport, Connecticut
 †Glen Frank Woo, Honolulu, Hawaii
 Leonard Timothy Woods, Los Angeles, California
 Arthur Peter Zeller, Allentown, Pennsylvania
 John Thomas Zimmermann, East Meadow, New York
 David Matthew Zurowski, Oxon Hill, Maryland

NATIONAL FELLOWSHIPS AND SCHOLARSHIPS
AWARDED FOR 1967-68

Atomic Energy Commission Nuclear Science in Engineering Graduate Fellowship:

Louis J. Iacovo, Jr. (Mechanical Engineering)

Danforth Fellowship:

James D. Andrew (English)

Herbert H. Lehman Fellowship:

Patrick E. Medland (General Program)

National Science Foundation Graduate Fellowships (Level I):

Daniel M. Burns (Mathematics)
Michael A. Gauger (Mathematics)
Carl P. Houck (Civil Engineering)
Kenneth J. Hupf (Mathematics)
Louis J. Iacovo, Jr. (Mechanical Engineering)
Peter L. McAdam (Mechanical Engineering)
William W. Stallings (Electrical Engineering)
James W. Truman (Biology)
Jacques F. Yates (Psychology)

National Science Foundation Graduate Fellowship (Level II):

Gary W. Mappes (Inorganic Chemistry)

National Science Foundation Graduate Fellowship (Level III):

John J. Hirschfelder (Mathematics)

*United States Government Scholarships for Study Abroad:
(Fulbright Scholarships)*

Frederick J. Elsea, III, for study in Argentina (Government)
Raymond R. Fleming, for study in Italy (Modern Languages)
Thomas J. Gerald, for study in Germany (Philosophy)
Juozas A. Kazlas, for study in Germany (History)
Thomas G. Sauer, for study in Germany (English)

Woodrow Wilson Fellowships:

James D. Andrew (English)
Raymond R. Fleming (Modern Languages)
Brother Kenneth E. Goodpaster, C.S.C. (Mathematics)
John R. Sajbel (Mathematics)
Jacques F. Yates (Psychology)

Book of the Month Writing Fellowship:

(Sponsored by the College English Association)
James S. Garcia (English)

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. University administrators may also have a tassel of gold thread.

Subject Field Colors Used on Hoods and Caps

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

Blue and Gold in Hoods Denotes a Notre Dame Degree