### Commencement Exercises

OFFICIAL

SUMMER SESSION 1972

THE UNIVERSITY OF NOTRE DAME Notre Dame, Indiana

THE GRADUATE SCHOOL

THE COLLEGE OF ARTS AND LETTERS

THE COLLEGE OF SCIENCE

THE COLLEGE OF ENGINEERING

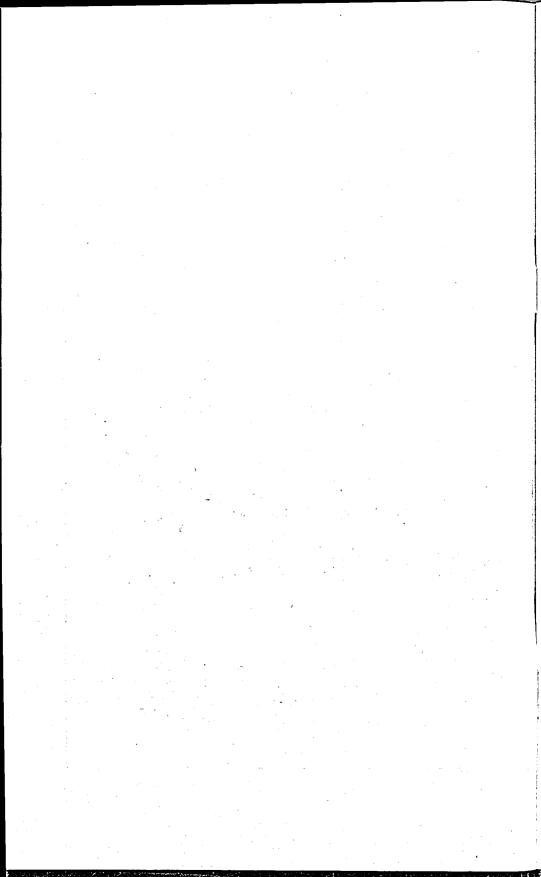
THE GRADUATE AND UNDERGRADUATE

DIVISIONS OF

THE COLLEGE OF BUSINESS ADMINISTRATION



Athletic & Convocation Center
11:00 A.M. (Eastern Standard Time)
Friday, August 11, 1972
(The processional will begin at 10:45 A.M.)



#### COMMENCEMENT PROGRAM

#### Processional Music

by the University Brass Ensemble Under the direction of Charles A. Biondo, D.M.E. Associate Professor of Music, University of Notre Dame

#### National Anthem-Ensemble and Audience

#### Presentation of Candidates for Degrees

by Robert E. Gordon, Ph.D. Vice-President for Advanced Studies

by Devere T. Plunkett, A.M.
Associate Dean of the College of Arts and Letters

by Bernard Waldman, Ph.D. Dean of the College of Science

by Edward W. Jerger, Ph.D.

Associate Dean of the College of Engineering

by Thomas T. Murphy, M.C.S. Dean of the College of Business Administration

#### The Conferring of Degrees

by the Reverend James T. Burtchaell, C.S.C., Ph.D. Provost
University of Notre Dame

#### Commencement Address

by Robert E. Rodes, Jr. Professor of Law University of Notre Dame

#### Closing Remarks

by the Reverend James T. Burtchaell, C.S.C., Ph.D. Provost
University of Notre Dame

Notre Dame, Our Mother—Ensemble and Audience (Words are on inside back cover.)

## Recessional of the Platform Party Music by the University Brass Ensemble

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## Degrees Conferred

#### IN THE GRADUATE SCHOOL

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

The Degree of Doctor of Philosophy on:

Miss Laura Carolina Ardini, Rye, New Hampshire B.A., St. Mary's College (Indiana), 1966; M.S., University of Wisconsin, 1968. Major subject: Chemistry. Dissertation: The Production of Nonaborane(13) From B9H13S(CH3)2, Reactions of the Nonaborane(13) Molecule.

Jesús Alberto Aymar, Nazca, Perú, South America Pontifica Universidad Catolica del Peru, 1964-66; M.S., University of Notre Dame, 1971. Major subject: Physics. Dissertation: Total Angular Momentum Transfer in the 58Ni(d,p)59Ni and 60Ni(d,p)61Ni Stripping Reactions.

Stephen Marc Batill, South Bend, Indiana B.S.A.E., University of Notre Dame, 1969; M.S.A.E., ibid., 1970. Major subject: Aerospace Engineering. Dissertation: An Investigation of Unsteady Aerodynamics on an Oscillating Airfoil.

William Russell Belding, Wellington, New Zealand B.Sc. (Hons.), Victoria University of Wellington, 1967; M.S., University of Notre Dame, 1971. Major subject: Mathematics. Dissertation: Incidence Rings of Pre-Ordered Sets.

John C. Bratis, Piraeus, Greece
 B.S. in M.E. and E.E., National Technical University of Athens, 1962;
 M.S.M.E., University of Notre Dame, 1968. Major subject: Mechanical Engineering. Dissertation: Interaction of Gaseous Radiation and Natural Convection Heat Transfer in an Enclosed Layer Between Two Vertical Parallel Plates.

Rodney Philip Bunker, Eau Claire, Wisconsin
B.A., St. Norbert College, 1963. Major subject: Government and International Studies. Dissertation: Inter-American Politics and the Recession of 1957-58: Trade Linkages and Policy Change in the United States.

Mrs. Judith Bower Carberry, South Bend, Indiana
A.B., Cornell University, 1958; M.S., University of Notre Dame, 1970. Major subject: Civil Engineeering. Dissertation: The Mechanism of Luxury Uptake of Phosphate by Activated Sludge.

George P. Casale, Eden, New York

A.B., Providence College, 1965. Major subject: Microbiology. Dissertation:

A Study of the Histogenesis of an Immune Response in Adult Rana pipiens.

Aloke Chatterjee, Berkeley, California B.S., University of Delhi, 1961; M.S., ibid., 1963. Major subject: Chemistry. Dissertation: Model and Structure of Heavy Particle Tracks in Water.

Albert Fu-Tai Chen, Miaoli, Taiwan Province, China B.S., National University of Taiwan, 1967. Major subject: Chemistry. Dissertation: Cycloaddition Reactions of Alkenylidenc-, Methylene and Vinylcyclopropanes.

Bon-Yao Chu, Taipei, Taiwan, Republic of China B.S., National Taiwan University, 1965; M.S., University of Notre Dame, 1970. Major subject: Mathematics. Dissertation: Symplectic Homogeneous Spaces.

James John Clarke, Junior, Drexel Hill, Pennsylvania B.A., LaSalle College, 1968. Major subject: Economics. Dissertation: Macroconomic Linkages in the Household Sector—An Analysis of Consumer Portfolio Choice.

- Jay J. Coakley, Colorado Springs, Colorado B.S., Regis College, 1966; M.A., University of Notre Dame, 1969. Major subject: Sociology and Anthropology. Dissertation: Race and Religious Vocation: A Study of the Self-Identification of Black Priests.
- Daryll J. Cordeiro, Bangalore, India
   B.Tech., Indian Institute of Technology, Madras, 1969; M.S.Ch.Eg., University of Notre Dame, 1970. Major subject: Chemical Engineering. Dissertation:
   The Effect of Methane Under Pressure on the Liquid Solubilities of High Molecular Weight Hydrocarbon Components in a Liquid Hydrocarbon Phase.
- Robert John Durel, Thibodaux, Louisiana
  B.A., Notre Dame Seminary (Louisiana), 1964; M.A., University of Notre
  Dame, 1971. Major subject: Sociology and Anthropology. Dissertation: Organizations Against Poverty: Constitutions and Ideologies.
- Richard Hilary Escobales, Junior, Staten Island, New York B.A., St. Peter's College, 1965; M.S., University of Notre Dame, 1968. Major subject: Mathematics. Dissertation: The Differential Geometry of Riemannian Submersions.
- John Jeffrey Farrar, Columbia, Maryland B.A., Miami University (Ohio), 1966; M.S., ibid., 1968. Major subject: Microbiology. Dissertation: In Vitro Studies of Cellular Aspects of Immunological Memory.
- Rev. Lawrence J. Faye, The Basilian Fathers, Toronto, Ontario,
   Canada
   B.A., Assumption University of Windsor, 1946; M.A., University of Notre
   Dame, 1969. Major subject: Education. Dissertation: The Role of Jungian
   Psychology in the Training of Counselors.
- Richard Harries Funk, Oswego, New York
  B.A., Mount Angel Seminary, 1959; M.A., University of Notre Dame, 1970.
  Major subject: Government and International Studies. Dissertation: Camilo Torres Restrepo and the Christian Left in the Tradition of Church-State Relations in Colombia.
- Carroll F. Hebert, Marrero, Louisiana B.S., Southeastern Louisiana College, 1966. Major subject: Chemistry. Dissertation: Trapped Electrons in Solid Hydrocarbons.
- Gregory M. Holtz, Elkhart, Indiana B.A., University of Notre Dame, 1961; M.A., ibid., 1969. Major subject: Education. Dissertation: An Investigation of the Religious, Demographic, and Attitudinal Variables Associated with a Commitment to Catholic Schools in the Archdiocese of St. Louis, Missouri.
- Ralph Allen Keifer, Arlington, Virginia
  B.A., Providence College, 1963; M.A., University of Notre Dame, 1964. Major subject: Theology. Dissertation: Oblation in the First Part of the Roman Canon: An Examination of a Primitive Eucharistic Structure and Theology in Early Italian and Egyptian Sources.
- William Edward Kelly, Notre Dame, Indiana B.S.C.E., University of Notre Dame, June, 1965; B.S. (Geol.), ibid., August, 1965; M.S.C.E., ibid., 1969. Major subject: Civil Engineering. Dissertation: Rate Process Parameters for Two Compacted Soils.
- Steven Calvin Kocharhook, Seattle, Washington
  B.A., Seattle University, 1969; M.A., University of Notre Dame, 1971. Major subject: Government and International Studies. Dissertation: The Development of a Legal Regime for the Ocean Floor Beyond Territorial Jurisdiction.
- Joseph Charles LaBriola, Dayton, Ohio B.A., LaSalle College, 1963; M.A., University of Notre Dame, 1965. Major subject: English. Dissertation: Dramatic Uses of Rhetorical Description in Julius Caesar, Othello, and Coriolanus With References to Other Shakespearean Tragedies.

David Michael Landry, Gretna, Louisiana
B.A., Tulane University, 1965; M.Int'l. Service, American University, 1967.
Major subject: Government and International Studies. Dissertation: United States Interests in Central America: A Case Study of Policies Toward Economic Integration and Development from 1952 to 1968.

Gary Brett Lewis, Spring Lake, New Jersey
B.S.M.E., Lehigh University, 1966; M.S.M.E., ibid., 1968. Major subject:
Mechanical Engineering. Dissertation: Natural Convection Heat and Mass
Transfer Along a Vertical Plate.

Charles J. Lorenzen, Mohall, North Dakota B.S., University, of Notre Dame, 1965; B.S.A.E., ibid., 1966; M.S.A.E., ibid., 1967. Major subject: Mechanical Engineering. Dissertation: An Experimental Investigation of the Structure of High Intensity Turbulence.

Enrico N. Martínez Sáenz, México City, México Ing. Quimico, Universidad Nacional Autonoma de Mexico, 1968; M.S.Ch.Eg., University of Notre Dame, 1969. Major subject: Chemical Engineering. Dissertation: Effects of Ionizing Radiation Upon Catalytic Selectivity During Oxidation of Ethylene Over Supported Silver.

Rev. Joseph Jerome McCarthy, Order of Carmelites, Kalamazoo, Michigan B.A., St. Bonaventure University, 1960; M.E., Loyola University of Los Angeles, 1965. Major subject: Education. Dissertation: Congruence of Family Value Systems Related to Unobtrusive Measures of Their Behavior.

William George Meyers, Midland, Pennsylvania B.S.A.E., Tri-State College, 1962; M.S.A.E., University of Notre Dame, 1964. Major subject: Mechanical Engineering. Dissertation: A Finite-Difference Investigation of the Gas-Lubrication Drag Reduction Problem.

Alfred Merle Morrison, Corry, Pennsylvania
B.S.A.E., University of Notre Dame, 1968; M.S.A.E., ibid., 1970. Major subject: Aerospace Engineering. Dissertation: A Program to Obtain the Supersonic, Free-Angular Motions and Nonlinear Stability Coefficients of Finned Bodies.

Datta Vittal Naik, Goa, India

B.S., University of Bombay, 1967. Major subject: Chemistry. Dissertation:

Mossbauer and Related Studies of Some Tin(IV) Complexes and Structure Determination of Dimethyldiisothiocyanato(terpyridyl)tin(IV).

Allan L. Port, Chicago, Illinois

B.S., University of Chicago, 1965; A.M., Indiana University, 1967; M.S., University of Notre Dame, 1969. Major subject: Mathematics. Dissertation:

Monosheaf Theory and Applications to the Theory of Derived Functors.

Sister M. Jeanne Ranek, Benedictine Sisters, Yankton, South Dakota B.A., Mount Marty College, 1962; M.A., University of Notre Dame, 1971. Major subject: Sociology and Anthropology. Dissertation: Social Factors in the Posthospital Adjustment of Mental Patients.

Sid Shannon Reffett, La Porte, Indiana
 B.S., Ball State University, 1957; M.A., University of Notre Dame, 1964.
 Major subject: English. Dissertation: Visions and Revisions: The Nature of Dreiser's Religious Inquiry.

Harold José Rizo Otero, Cali, Colombia, South America D.Sci.Jurid., Universidad Javeriana, August 1, 1968; Magister en Admin. Industrial, Universidad del Valle, August 21, 1968; M.A., University of Notre Dame, 1971. Major subject: Government and International Studies. Dissertation: Colombia and the Andean Group in the Process of Latin American Integration.

Ivan Bruce Schrodt, Sullivan, Illinois
 B.S.Engr.Sci., University of Notre Dame, 1968; M.S.Ch.Eng., ibid., 1970.
 Major subject: Chemical Engineering. Dissertation: An Analysis of the Square-Well Potential Model for Liquids: Equilibrium and Transport Properties.

- James P. Spink, Grabill, Indiana B.A., Mount Angel Seminary, 1955; M.A., University of Notre Dame, 1969. Major subject: Education. Dissertation: Relation of Directed Value Change and Improvement in Psychotherapy.
- K. R. Sundaresan, Madras, India
   B.Tech. (Chem. Engr.), University of Madras, 1967; M.S.Ch. Eg., University of Notre Dame, 1969. Major subject: Chemical Engineering. Dissertation: Effects of Confined Reaction on Species Diffusion.
- Thomas Lee Theis, South Bend, Indiana
  B.S.C.E., University of Notre Dame, 1968; M.S.C.E., ibid., 1970. Major subject: Civil Engineering. Dissertation: The Stabilization of Ferrous Iron by Natural Organic Compounds in Oxygen-Rich Environments.
- Ronald Martin Thibault, Osborne, Kansas B.S., St. Benedict's College (Kansas), 1965; M.S., University of Notre Dame, 1969. Major subject: Chemistry. Dissertation: Quantum Yield and Lifetime of the Lowest Triplet of Benzene in the Liquid Phase.
- Peter Edward Timony, Murray Hill, New Jersey
  B.A., Fairleigh-Dickinson University, 1967. Major subject: Chemistry. Dissertation: I. A Study of the Lewis Acid Catalyzed Elimination Reactions of \(\beta\)-Ethoxyboranes. II. An Investigation of the Fragmentations and Rearrangements of Trialkylboranes in the Mass Spectrometer.
- Sidney Michael Webb, Memphis, Tennessee
  B.S., Southwestern at Memphis, 1969; M.S., University of Notre Dame, 1971.
  Major subject: Mathematics. Dissertation: Nonstandard Probability Theory.
- The Degree of Master of Arts on:
- Sister Jane Marie Abell, Sisters of St. Dominic, Houston, Texas B.S., Sacred Heart Dominican College, 1950; M.S., University of Texas, 1959. Major subject: Theology.
- Rev. John Francis Ahearn, Maryknoll Fathers, Maryknoll, New York B.A., Maryknoll Seminary (Illinois), 1968. Major subject: Liturgy.
- Sister Marguerite Bader, Society of the Holy Child Jesus, Potomac, Maryland B.S., Villanova University, 1968. Major subject: Communication Arts.
- Miss Frances Marie Baran, Lakewood, Ohio B.A., Notre Dame College (Ohio), 1962. Major subject: English.
- Sister Mary Beck, School Sisters of Notre Dame, Port Washington, Wisconsin B.A., Mount Mary College, 1963. Major subject: Education.
- Sister Mary Rose Andre Beck, School Sisters of Notre Dame, Port Washington, Wisconsin B.S., Mount Mary College, 1966. Major subject: Education.
- Rev. James Leland Becker, Order of Carmelites, Joliet, Illinois B.A., Mount Carmel College (Canada), 1966. Major subject: Art.
- Rev. Richard Michael Bellow, Orders of Friars Minor Conventual, Pittsburgh, Pennsylvania B.A., St. Hyacinth Seminary, 1966. Major subject: Education.
- Sister M. Aloyse Biedess, Daughters of Divine Charity, Chicago,
  Illinois
  B.Ph., De Paul University, 1962. Major subject: Education.

- Sister Marie Vianney Bilgrien (Judith), School Sisters of Notre Dame, Mequon, Wisconsin B.A., Mount Mary College, 1964. Major subject: Communication Arts.
- Sister Jane Bishop, Order of St. Benedict, Cullman, Alabama A.B., Mount St. Scholastica College, 1965. Major subject: History.
- Rev. Daniel Joseph Bohan, Moncton, New Brunswick, Canada B.A., St. Thomas University (Canada), 1963; S.T.B., Laval University, 1967. Major subject: Theology.
- Miss Martha Sue Borders, Tell City, Indiana B.S., Butler University, 1971. Major subject: Education.
- Brian William Brady, South Bend, Indiana B.B.A., University of Notre Dame, 1961. Major subject: Government and International Studies.
- Miss Mary Anne Brown, Chicago, Illinois B.A., Rosary College, 1954; M.A., Western Reserve University, 1963. Major subject: English.
- Sister Mary Ellen Brulinski, Congregation of the Sisters of St. Felix, Lodi, New Jersey B.S., Seton Hall University, 1968. Major subject: English.
- John William Buckley, Toronto, Ontario, Canada B.A., St. Mary's University (Canada), 1956. Major subject: Liturgy.
- Rev. Eugene Anthony Burke, Congregation of Holy Cross, Council Bluffs, Iowa B.A., University of Notre Dame, 1949; M.S., ibid., 1955. Major subject: Education.
- Miss Barbara Jean Butler, Palos Park, Illinois B.A., St. Xavier College (Illinois), 1971. Major subject: English.
- Sister Mary Josepha Butterfield, Sisters of St. Joseph, St. Augustine, Florida

  B.S., Marywood College, 1962. Major subject: Art.
- Anthony Alan Byrd, South Bend, Indiana B.S., Ball State University, 1968. Major subject: Education.
- Mrs. Cordelia Candelaria, Albuquerque, New Mexico B.A., Fort Lewis College, 1970. Major subject: English.
- Gilbert Cardenas, San Gabriel, California

  B.A., California State College at Los Angeles, 1969. Major subject: Sociology and Anthropology.
- Miss Judith Anne Carroll, Bradford, Pennsylvania B.S., Villa Maria College, 1965. Major subject: Education.
- Rev. Eugene Henry Ciarlo, West Haven, Connecticut
  A.B., St. Bernard's Seminary and College, 1961; M.A., University of Louvain,
  1965. Major subject: Liturgy.
- Miss Alice Johnson Collins, Nashville, Tennessee B.A., George Peabody College for Teachers, 1965. Major subject: Modern and Classical Languages (Spanish).

- Sister Anne Marie Collins, Religious of the Presentation of the Blessed Virgin Mary, New York City, New York B.S., Fordham University, 1960. Major subject: Art.
- Sister Alice Cooney, Sisters of St. Joseph, Rochester, New York B.A., Nazareth College of Rochester, 1962. Major subject: Theology.
- Sister Nelda Marie Cuff, Sisters of the Holy Child Jesus, Bethesda, Maryland B.S., Villanova University, 1966. Major subject: Communication Arts.
- Rev. Anthony L. Delisi, Order of Cistercians of the Strict Observance, Conyers, Georgia Ordained, Abbey of the Holy Spirit, Conyers, Georgia, 1954. Major subject: Liturgy.
- Daniel Thomas Dillon III, South Bend, Indiana B.A., University of Notre Dame, 1970. Major subject: Modern and Classical Languages (French).
- Rev. Stanley Merlyn Dodgson, South Bend, Indiana A.B., William Jewell College, 1944; B.D., Colgate Rochester Divinity School, 1946. Major subject: English.
- John Augustine Donnelly, Verona, New Jersey B.A., Iona College, 1963. Major subject: Theology.
- John Michael Downey, South Bend, Indiana B.A., University of Notre Dame, 1970. Major subject: English.
- Miss Sandra Lee Drabik, Cleveland, Ohio
  B.A., St. Bonaventure University, 1971. Major subject: History.
- Sister Paul Mary Draxler, School Sisters of Notre Dame, Hewitt, Wisconsin B.S., Mount Mary College, 1958. Major subject: Education.
- Miss Eleanor Lee Drinane, Englewood, New Jersey
  A.B., Rosemont College, 1962; M.A.T., University of Notre Dame, 1963.

  Major subject: Communication Arts.
- Brother James Pollard Dukes, Brothers of the Sacred Heart, Mobile, Alabama
  B.S., Spring Hill College, 1967. Major subject: Communication Arts.
- Norman Joseph Dumaine, Culver, Indiana A.B., Providence College, 1967; M.A.T., University of Notre Dame, 1968. Major subject: Communication Arts.
- Rev. Leander John Ecola, Detroit, Michigan
  A.B., Wayne State University, 1960; M.Ed., University of Pittsburgh, 1965;
  M.Div., Waterloo Lutheran Seminary (Canada), 1971. Major subject: Liturgy.
- Sister Madonna Egan, Sisters of St. Joseph of Carondelet, Minneapolis, Minnesota St. Gatherine, 1962. Major subject: English.
- Sister Sue Ann Ewens, Congregation of the Most Holy Rosary, Milwaukee, Wisconsin

  B.A., Rosary College, 1965. Major subject: Education.
- Sister (Phyllis) June Favata, Sisters of Charity of St. Elizabeth, Newark, New Jersey

  B.A., College of St. Elizabeth, 1964. Major subject: Communication Arts.

- Mrs. Phyllis W. Feldman, South Bend, Indiana A.B., Indiana University, 1971. Major subject: Psychology.
- Sister M. Gemma Fenbert, Sisters of St. Francis, Tiffin, Ohio A.B., Mary Manse College, 1965. Major subject: Education.
- Martin James Fertig, Lansdale, Pennsylvania B.A., Villanova University, 1971. Major subject: English.
- Robert Edward Freaney, Bradford, Pennsylvania A.B., Temple University, 1952. Major subject: Economics.
- Brother Federico Fuentes, Congregation of Holy Cross, Austin, Texas A.B., St. Edward's University, 1968. Major subject: Modern and Classical Languages (Spanish).
- Robert Michael Galvin, Revere, Massachusetts B.S.B.A., Ohio State University, 1967. Major subject: Economics.
- Brother Gerald S. García, Congregation of Christian Brothers, Chicago, Illinois
  B.A., Iona College, 1966. Major subject: Modern and Classical Languages (Spanish).
- Sister Sarah Katherine Gass, Sisters of Charity of Cincinnati, Kettering, Ohio B.S., College of Mount St. Joseph-on-the-Ohio, 1960. Major subject: Education.
- Sister Marlene A. Geissler, School Sisters of Notre Dame, Chippewa Falls, Wisconsin B.A., Mount Mary College, 1964. Major subject: Communication Arts.
- Brother Joseph A. T. Genovese, Society of Mary, Mineola, New York B.A., University of Dayton, 1966. Major subject: Theology.
- Sister Mary Catherine Glasenapp, Franciscan Sisters of the Sorrowful Mother, Milwaukee, Wisconsin B.S., Mount Mary College, 1963. Major subject: Art.
- Brother Richard Conrad Grenier, Marist Brothers of the Schools, Chicago, Illinois
  A.B., Merrimack College, 1965. Major subject: Economics.
- Rev. Edward M. Grosz, Buffalo, New York B.A., St. John Vianney Seminary (New York), 1968. Major subject: Liturgy.
- Sister Dorothy M. Harkins, Sisters of Charity, New Brunswick, New Jersey
  B.S., College of St. Elizabeth, 1957; M.A., Seton Hall University, 1963. Major subject: Education.
- Sister Rosemary Helen Hemesath, Franciscan Sisters of Perpetual Adoration, Marion, Iowa A.B., Webster College, 1964. Major subject: Theology.
- Brother Jerome Armin Heustis, Congregation of the Christian Brothers, Montebello, California B.A., Iona College, 1966. Major subject: Education.
- Brother Jacob Joseph Hillyer, Order of St. Benedict, Lisle, Illinois B.A., Michigan State University, 1959. Major subject: Theology.
- Brother Patrick C. Hogan, Marist Brothers, Jamaica, New York B.A., Marist College, 1961. Major subject: Theology.

- Sister Joan B. Holland, Sisters of Charity of St. Elizabeth, Reading,
   Massachusetts
   B.A., College of St. Elizabeth, 1965. Major subject: Communication Arts.
- Rev. Charles Donald Howard, Franciscan Friars of the Atonement,
   Washington, D. C.
   B.A., St. Pius X Seminary (New York), 1968. Major subject: Liturgy.
- Sister Mary Madonna Hoying, Franciscan Sisters of the Poor, St. Henry, Ohio B.A., Our Lady of Cincinnati College, 1961. Major subject: Theology.
- Mrs. Judith Chu-chi Huang, Taipei, Taiwan, Republic of China B.S., National Taiwan University, 1969. Major subject: Economics.
- Thomas Hull, Chicago, Illinois
  A.B., St. Edward's University, 1968. Major subject: Communication Arts.
- Stephen Edward Hurd, Perry, Iowa B.A., University of Notre Dame, 1970. Major subject: Education.
- Rev. James Arthur Hutton, Sault Ste Marie, Ontario, Canada B.A., University of Western Oontario, 1962; S.T.B., ibid., 1965. Major subject: Liturgy.
- Mrs. Helen King Jenkins, Niles, Michigan B.F.A., Cornell University, 1949. Major subject: Art.
- Sister Jeannine Jochman, Congregation of the Sisters of the Holy Cross, Peoria, Illinois B.A., St. Mary's College (Indiana), 1965. Major subject: Education.
- Rev. James Anthony Julius, St. Louis, Missouri B.A., Cardinal Glennon College, 1961. Major subject: Theology.
- Mrs. Katalin M. Kallay, Valparaiso, Indiana Dipl. Conservatory of Music, St. Cecilia, Rome, Italy, 1960. Major subject: Modern and Classical Languages (German).
- James Craig Kaufman, Dayton, Ohio B.S., University of Cincinnati, 1969. Major subject: Art.
- Richard Stephen Kinney, Plainfield, New Jersey
  B.A., University of Notre Dame, 1967. Major subject: Government and International Studies.
- Ronald John Kizior, Berwyn, Illinois B.B.A., University of Notre Dame, 1964; M.B.A., Northwestern University, 1965. Major subject: Economics.
- Brother Thomas Albert Kirkman, Marist Brothers of the Schools, Chicago, Illinois B.A., Marist College, 1965. Major subject: Modern and Classical Languages (French).
- Sister M. Anne Arthur Klinker, School Sisters of Notre Dame, Menasha, Wisconsin B.A., Mount Mary College, 1965. Major subject: Theology.
- Sister Joanne Louise Kmiec, Sisters of Charity of Halifax, Randolph, Massachusetts
  B.A., Mount St. Vincent University (Canada), 1967. Major subject: Communication Arts.
- Sister Mary Beatrice Knipple, Congregation of the Sisters of St. Felix, Chicago, Illinois

  B.S., Loyola University (Illinois), 1964. Major subject: Modern and Classical Languages (Spanish).

- Capt. Bruce Richard Knowles, Salisbury, Maryland B.A., Western Maryland College, 1966. Major subject: Sociology and Anthropology.
- Sister Patricia Rae Koehler, Congregation of the Sisters of the Holy Cross, Notre Dame, Indiana B.A., Immaculate Heart College (California), 1966. Major subject: Education.
- Sister Alice Kole, Congregation of the Most Holy Rosary, South Bend, Indiana B.A., Edgewood College of the Sacred Heart, 1966. Major subject: Communication Arts.
- Sister M. Antoinette Kostelnik, Vincentian Sisters of Charity, Pitts-burgh, Pennsylvania
   B.E., Duquesne University, 1958. Major subject: Theology.
- Brother John Michael Kowalchuk, Congregation of Xaverian Brothers, Brooklyn, New York B.A., The Catholic University of America, 1967. Major subject: Art.
- Sister Barbara Koza, Sisters of St. Joseph, Bellwood, Illinois B.S., DePaul University, 1967. Major subject: Theology.
- Sister Donna Krieger, Sisters of St. Joseph of the Third Order of St. Francis, Chicago, Illinois

  B.S., Loyola University (Illinois), 1968. Major subject: Theology.
- Robert Norman Kronewitter, South Bend, Indiana B.Arch., Miami University (Ohio), 1970. Major subject: Sociology and Anthropology.
- Mrs. Judith Ann Ladd, South Bend, Indiana B.S., Western Michigan University, 1967. Major subject: Art.
- Rev. Robert Edward Lampert, St. Louis, Missouri B.A., Cardinal Glennon College, 1961. Major subject: Theology.
- Sister Alice Lamping, Congregation of the Sisters of the Holy Cross, Chicago, Illinois
  B.A., St. Mary's College (Indiana), 1966. Major subject: English.
- Lung-ho Lin, Taichung Hsien, Taiwan B.Laws, National Chengchi University, 1963; M.Laws, ibid., 1964. Major subject: Economics.
- Sister Josie Pickett Macmurdo (Sister Alice), Congregation of St.
   Joseph, New Orleans, Louisiana
   B.S., Loyola University (Louisiana), 1954; M.S., University of Notre Dame, 1961. Major subject: Theology.
- Christopher Manion, South Bend, Indiana B.A., University of Notre Dame, 1968. Major subject: Government and International Studies.
- Mrs. Jacqueline Ann Marnocha, South Bend, Indiana B.A., St. Mary's College (Indiana), 1967. Major subject: Modern and Classical Languages (French).
- Jason S. Martin, Mishawaka, Indiana B.A., Goshen College, 1959; B.D., ibid., 1963. Major subject: Modern and Classical Languages (Spanish).
- Sister Mary Thecla Mathews, Sisters of St. Ursula, Cleveland, Ohio B.S.E., St. John College (Ohio), 1945; M.A., ibid., 1955. Major subject: History.
- Rev. Forest F. McAllister, Order of Friars Minor, Fort Wayne, Indiana B.A., Duns Scotus College, 1963. Major subject: Education.
- Mrs. Margaret Helen McCormack, Niles, Michigan A.B., Indiana University, 1968. Major subject: English.

- Mrs. Sara Margaret McDermott, Athens, Ohio B.A., Miami University (Ohio), 1967. Major subject: Communication Arts.
- Gary Kearney McLamarrah, Rockford, Illinois

  A.B., Augustana College (Illinois), 1957. Major subject: American Studies.
- Brother Myles Philip McManus, Congregation of Xaverian Brothers, Bangor, Maine B.A., St. John's University (New York), 1955. Major subject: Theology.
- Rev. Lawrence Edward Mick, Hamilton, Ohio B.A., The Athenaeum of Ohio, 1968. Major subject: Liturgy.
- Miss Patricia C. Millerick, Mobile, Alabama B.A., Nazareth College of Rochester, 1962. Major subject: English.
- Rev. John James Mitchell, Rockford, Illinois
  A.B., St. Mary's Seminary and University, 1959. Major subject: Education.
- Sister Jane Elizabeth Moore, Congregation of St. Joseph of Bourg, Baton Rouge, Louisiana B.S., Loyola University (Louisiana), 1957. Major subject: Theology.
- Rev. R. Albert Moore, Louisville, Kentucky B.A., St. Mary's College (Kentucky), 1959; S.T.B., St. Mary's Seminary and University, 1961. Major subject: Art.
- Angelo Raffaele Morelli, Montreal, Canada B.S., McGill University, 1970. Major subject: Education.
- Sister Teresa Kathleen Morrison, Congregation de Notre Dame, New Victoria, Nova Scotia, Canada

  B.A. and B.E., St. Francis Xavier University (Canada), 1966. Major subject: History.
- Brother Michael John Mullin, Marist Brothers of the Schools, Jamaica, New York B.A., Marist College, 1963. Major subject: Theology.
- Sister Judith Ann Murphy, Congregation of the Sisters of the Holy Cross, Valparaiso, Indiana B.A., St. Mary's College (Indiana), 1963. Major subject: Education.
- Sister Mary Ellen Murphy, Sisters of Charity, Lansing, Michigan B.A., College of Mt. St. Joseph-on-the-Ohio, 1966. Major subject: Education.
- Sister Mary Louise Murphy (Sister Corde M. Murphy), Sisters of Notre Dame of Namur, Hingham, Massachusetts A.B., Emmanuel College (Massachusetts), 1963; B.F.A., ibid., 1967. Major subject: Art.
- Sister Francine Nason, Congregation of the Sisters of St. Joseph of Bourg, New Orleans, Louisiana

  B.A., Loyola University (Louisiana), 1946; M.A., The Catholic University of America, 1955. Major subject: Theology.
- Sister Mary Frances Nevins, Society of the Holy Child Jesus, New York, New York B.S., Villanova University, 1967. Major subject: History.
- Sister Helen Niemann, School Sisters of St. Francis, Chicago, Illinois A.B., Alverno College, 1951. Major subject: Art.
- Sister Helen Therese Nienhaus, Sisters of the Most Precious Blood, St. Louis, Missouri A.B., St. Louis University, 1961. Major subject: Modern and Classical Languages (German).

- Ernest Isaiah Nolan III, Center Line, Michigan B.A., Wayne State University, 1970. Major subject: English.
- John Lawrence Ober, Bayside, New York B.A., University of Notre Dame, 1967. Major subject: History.
- Rev. Regis Mark Obijiski, Orders of Friars Minor Conventual, Athol Springs, New York
  B.A., St. Hyacinth Seminary, 1967. Major subject: English.
- Rev. Brian Gabriel O'Donnell; Dominican Fathers, New York City, New York B.A., St. Stephen's College (Massachusetts), 1966. Major subject: Liturgy.
- Rev. Raymond Gerard O'Donnell, San Diego, California B.A., University of San Diego College for Men, 1968. Major subject: Liturgy.
- Thomas Patrick Olivieri, Bayonne, New Jersey
  B.A., University of Notre Dame, 1971. Major subject: Modern and Classical
  Languages (Spanish).
- Timothy Joseph Ott, Bethel Park, Pennsylvania A.B., University of Notre Dame, 1971. Major subject: Education.
- Sister Jeanne Oursler, Sisters of St. Joseph, La Grange Park, Illinois Ph.B., DePaul University, 1965. Major subject: Education.
- Rev. Anthony Joseph Palazzolo, St. Louis, Missouri B.A., Cardinal Glennon College, 1961. Major subject: Theology.
- Rev. Anthony J. Palmer, Harlan, Iowa B.A., Conception Seminary, 1974; M.S., The Creighton University, 1956. Major subject: Liturgy.
- Brother Carlos L. Parrilla y Quiñones, Congregation of Holy Cross, Notre Dame, Indiana A.B., St. Edward's University, 1967. Major subject: Modern and Classical Languages (Spanish).
- Michael Joseph Pavlin, Wilmington, Delaware B.A., University of Notre Dame, 1971. Major subject: History.
- Rev. Arnold Edmund Perham, Clerics of St. Viator, Chicago, Illinois B.S., Loyola University (Illinois), 1953; M.S., The Catholic University of America, 1957. Major subject: Theology.
- Sister Mary William Pezold, Sisters of the Most Precious Blood, St. Louis, Missouri B.A., Fontbonne College, 1965. Major subject: Art.
- Rev. Patrick Bernard Philbin, Society of Mary, Anaheim, California B.A., University of Dayton, 1956; M.A., Western Reserve University, 1962. Major subject: Theology.
- Michael P. Poder, Johnstown, Pennsylvania B.A., University of Pittsburgh, 1971. Major subject: History.
- Sister Mary Martha Puthoff, Sisters of Notre Dame de Namur, Cincinnati, Ohio
  B.S., Our Lady of Cincinnati College, 1967. Major subject: Sociology and Anthropology, Dissertation: A Survey of Social Studies Curricula in Catholic Secondary Schools in the United States.
- James Michael Quill, South Bend, Indiana B.S., Edinboro State College (Pennsylvania), 1969; M.A., ibid., 1970. Major subject: History.

- Sister Anne Michelle Ramagos, Congregation of St. Joseph, New Orleans, Louisiana B.A., St. Mary's Dominican College, 1961. Major subject: Communication Arts.
- Miss Joanne Marie Rao, East Syroouse, New York

  Brit: Nazareth College of Rochester, 1871s Major subject. History.
- Sister Marie Regine Redig (Rita), School Sisters of Notre Dame, Rudolph, Wisconsin B.A., Mount Mary College, 1963. Major subject: Education.
- John Louis Reese, Chicago, Illinois A.B., Lane College, 1969. Major subject: Sociology and Anthropology.
- Rev. Charles Robert Reichenbacher, Order of St. Benedict, Aurora, Illinois
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- John Hayes Robinson, East Providence, Rhode Island B.A., Boston College, 1967. Major subject: Philosophy.
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- Bruce Lyle Rogers, Mishawaka, Indiana B.A., Bethel College, 1969. Major subject: History.
- William Geroe Roth, Culver, Indiana B.A., Trinity College (Connecticut), 1967. Major subject: History.
- Sister Georgeann Roudebush, Congregation of the Sisters of St. Agnes, Fond du Lac, Wisconsin B.S., Marian College (Wisconsin), 1966. Major subject: Education.
- Miss Marjorie Helen Ryan, St. Paul, Minnesota B.A., College of St. Scholastica, 1964. Major subject: Theology.
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- Sister Lucette Saindon, Sisters of Charity of Quebec, Rimouski, Quebec, Canada B.A., Univ. of Laval, 1958; Bacc. en Phil., ibid., 1961; M.A., University of Notre Dame, 1963; Ph.D., University of Ottawa, 1966. Major subject: Theology.
- Rev. Conrad M. Salach, Order of Friars Minor Conventual, Lawrence,
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- Miss Elizabeth Ann Salvino, Hazel Crest, Illinois B.A., Valparaiso University, 1971. Major subject: Economics.

- Sister Patricia Ann Savard, Sisters of St. Joseph of Carondelet, St. Paul, Minnesota B.A., College of St. Catherine, 1959. Major subject: Liturgy
- Sister Mary Schabert, Sisters of St. Joseph of Carondelet, St. Paul, Minnesota B.A., College of St. Catherine, 1961. Major subject: Theology.
- David Raymond Schmidt, Willow Grove, Pennsylvania B.A., University of Notre Dame, 1971. Major subject: History.
- Rev. Gerold A. Schubert, Order of Friars Minor, New Lenox, Illinois B.A., Quincy College, 1951; B.S., ibid., 1956. Major subject: Theology.
- Dennis W. Shepherd, Columbus, Indiana B.S., Ball State University, 1967. Major subject: History.
- Brother Robert Thomas Short, Congregation of Holy Cross, Warwick, Rhode Island
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- Raymond Leonard Sickinger, Cranston, Rhode Island B.A., Providence College, 1971. Major subject: History.
- Sister Elizabeth E. Slenker, Dominican Convent of Our Lady of the Rosary, Bronx, New York B.S., St. Thomas Aquinas College, 1961. Major subject: Art.
- Miss Carole Jeanne Smith, Rochester, New York B.A., Nazareth College of Rochester, 1967. Major subject: American Studies.
- Brother Dominic A. Smith, Brothers of Christian Schools, Arlington, Virginia
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   B.A., St. Joseph's College (Indiana), 1968; M.Th., University of Notre
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- Sister Carmen Stang, Franciscan Sisters of Immaculate Conception, Little Falls, Minnesota B.A., The College of St. Catherine, 1968. Major subject: Education.
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- Rev. Dismas David Turnbull, Order of Friars Minor, Cincinnati, Ohio A.B., Duns Scotus College, 1953; M.S., University of Notre Dame, 1962. Major subject: Theology.
- Sister Genevieve Rita Van Hook, Sisters of Mercy, Buffalo, New York B.S., The Catholic University of America, 1946. Major subject: Liturgy.

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- Raymond R. Vrydaghs, South Bend, Indiana B.S., Ball State University, 1966. Major subject: Sociology and Anthropology.
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- Moses Wekesa Wesonga, Kimilili, Kenya, East Africa B.A., University of Nairobi, 1971. Major subject: Economics.
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#### The Degree of Master of Fine Arts on:

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Sister Veronica Ternovacz, Sisters of the Humility of Mary, Villa Maria, Pennsylvania B.S., Youngstown University, 1961.

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- Sister M. Chrysostom Casey, Religious Sisters of Mercy, Rochester, New York B.S., Nazareth College (New York), 1953.
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- Sister Anne Leonard, Sisters of Mount Carmel, New Orleans, Louisiana B.S., Loyola University (Louisiana), 1965.
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- Sister Mary Antonine Mikita, Sisters of the Resurrection, Chicago, Illinois
  B.S., Fordham University, 1951; M.Ed., DePaul University, 1967.
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- Sister Mary Jude Nicholson, Missionary Sisters of the Immaculate Conception of the Mother of God, West Paterson, New Jersey B.B.A., St. Edward's University, 1964.
- Rev. Arthur R. Rossie, Congregation of the Most Holy Redeemer, Glenview, Illinois B.A., St. Norbert's College, 1950; M.A., Marquette University, 1953; B.D., Immaculate Conception College (Wisconsin), 1958.
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- Rev. Roman Paul Zbieranski, Order of Friars Minor, Philadelphia, Pennsylvania A.B., St. Francis College (Wisconsin), 1957.

#### The Degree of Master of Science on:

- Sister Mary Elizabeth Almy, Sisters, Servants of the Immaculate Heart of Mary, Scranton, Pennsylvania B.S., Marywood College, 1966. Major subject: Mathematics
- Richard Carl Armstrong, Onalaska, Wisconsin B.S., Wisconsin State University (Superior), 1967. Major subject: Chemistry.
- Joseph Louis Baker, Fort Lauderdale, Florida B.A., Morehouse College, 1963. Major subject: Mathematics.
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  B.S., Lamar State College of Technology, 1967. Major subject: Earth Science.
- Venton Lee Bell, Charlotte, North Carolina B.S., Johnson C. Smith University, 1966. Major subject: Mathematics.
- Stephen James Bennett, Elkhart, Indiana B.S., University of Southwestern Louisiana, 1966. Major subject: Microbiology.
- Thomas Edward Bierman, Mahwah, New Jersey B.S., Iona College, 1965. Major subject: Mathematics.
- John Bryce Bigley, Culver, Indiana B.S. Agr., Purdue University, 1953. Major subject: Earth Science.
- Steven Duke Born, Ferrysburg, Michigan
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- Sister Barbara Mary Breaud, Sisters of Mount Carmel, New Orleans, Louisiana B.S., Loyola University (Louisiana), 1964. Major subject: Mathematics.
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- Anthony Charles Caggiano, Ridge, New York B.S., University of California, Los Angeles, 1961. Major subject: Physics.
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- Sister Dolores Mary Cazares, Sisters of the Holy Names of Jesus and Mary, Alhambra, California A.B., College of the Holy Names, 1967. Major subject: Chemistry.
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- Sister M. Dorothea Derse, Missionary Benedictine Sisters, Norfolk,
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- Robert Vernon Dickson, Miles City, Montana B.S., Eastern Montana College of Education, 1957. Major subject: Earth Science.
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- Sister Carolyn Jean Dupuy, Sisters of Notre Dame de Namur, Bridgeport, Connecticut A.B., Emmanuel College (Massachusetts), 1968. Major subject: Physics.
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  Science.
- Richard Clemens Ernst, Pittsburgh, Pennsylvania B.S., Duquesne University, 1967. Major subject: Mathematics.
- Sister Loretta M. Findysz, Sisters of Charity of the Blessed Virgin Mary, St. Louis, Missouri B.A., Mundelein College, 1967. Major subject: Earth Science.
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- Ronald Lawrence Flynn, Huntington Beach, California B.S., Iona College, 1967. Major subject: Physics.
- Sister Maria Foraboschi, Congregation of the Most Holy Name, Dominican Sisters of San Rafael, San Rafael, California B.A., Dominican College of San Rafael, 1953. Major subject: Earth Science.
- Sister Marietta E. Fritz, Sisters of Notre Dame of Namur, Cincinnati, Ohio
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- Sister M. Christina Gelting, Servants of Mary, Almena, Wisconsin B.S., St. Norbert College, 1963. Major subject: Earth Science.
- James Herbert Gerhold, South Bend, Indiana B.A., DePauw University, 1969. Major subject: Mathematics.
- Sister H. Martha Gilner, Sisters, Servants of the Immaculate Heart of Mary, Baltimore, Maryland A.B., Marywood College, 1959. Major subject: Earth Science.
- John Sidney Gould, Idaho Springs, Colorado B.S., University of Colorado, 1963. Major subject: Physics.
- William Joseph Graham, Junior, Metairie, Louisiana B.S., University of Notre Dame, 1968. Major subject: Biology.

- Ronald Carl Gratz, Absecon, New Jersey B.S., University of Notre Dame, 1968. Major subject: Biology.
- Sister Barbara Gress, Congregation of the Sisters of the Holy Cross, Springfield, Virginia A.B., Dunbarton College of Holy Cross, 1968. Major subject: Earth Science.
- Norman Louis Guentert, South Bend, Indiana B.S., University of Notre Dame, 1964; M.A.T., ibid., 1965. Major subject: Mathematics.
- Miss Jean Carole Hackett, Hardwick, Vermont B.A., University of Vermont, 1964. Major subject: Mathematics.
- Raymond Hardy Hanelius, Collinsville, Connecticut B.A., University of Hartford, 1965; M.Ed., ibid., 1967. Major subject: Earth
- Brother Robert W. Harris, Congregation of Christian Brothers, Staten Island, New York B.S., Iona College, 1966. Major subject: Physics.
- Edward Olin Hill, Knoxville, Tennessee

  B.S., Knoxville College, 1952; M.S., University of Tennessee, 1966. Major subject: Earth Science.
- Donald Calvin Holt, Chardon, Ohio B.S., Mount Union College, 1951. Major subject: Earth Science.
- Sister Marthe Houle, Congregation of Notre Dame, Victoriaville, Quebec, Canada B.A., University of Laval, 1960. Major subject: Biology.
  Yung-Sheng Huang, Taipei, Taiwan
- Yung-Sheng Huang, Taipei, Taiwan B.S., National Taiwan University, 1967. Major subject: Biology.
- Miss Margaret Anne Hurley, New York, New York
  A.B., Notre Dame College of Staten Island, 1960; M.S., Fordham University, 1966. Major subject: Earth Science.
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  B.S., California State College (Pennsylvania), 1967. Major subject: Earth medical and the many or small applicable of Science.
- George Anthony Huttlin, Glenside, Pennsylvania B.A., LaSalle College, 1969. Major subject: Physics.
- Sister Mary Elizabeth Ings, Sisters of Divine Providence, Kingston, Massachusetts A.B., Emmanuel College (Massachusetts), 1968. Major subject: Mathematics.
- The second transfer, on our Mrs. Marcia Koster Johnson, Niles, Michigan s. Marcia Koster Johnson, Niles, Michigan B.A., Wheaton College, 1968. Major subject: Mathematics.
- Mrs. Vashti B. Jones, Red Springs, North Carolina B.S., Barber-Scotia College, 1963. Major subject: Earth Science.
- Francis Thomas Keimig, Elizabeth, New Jersey
  B.S., St. Peter's College, 1966. B.S., St. Peter's College, 1966. Major subject: Mathematics.
- Brother Patrick Jeffery King, Brothers of the Christian Schools, Jersey City, New Jersey
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- Sister Susan Kintzele, Congregation of the Sisters of the Holy Cross, Flint, Michigan B.S., St. Mary's College (Indiana), 1964. Major subject: Mathematics.
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- Sister Renée Krisko, Congregation of Sisters of St. Joseph, Cleveland, Ohio B.A., Ursuline College (Ohio), 1965. Major subject: Chemistry.
- Brother Yvan Lampron, Brothers of Christian Instruction, Amqui,
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- Miss Patricia Catherine Leary, Staten Island, New York B.S., Fordham University, 1968. Major subject: Chemistry.
- Sister Mary Ann Leonard, Sisters of St. Francis of Penance and Christian Charity, Buffalo, New York B.S., Rosary Hill College, 1965. Major subject: Earth Science.
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  B.S., Mount St. Mary's College (Maryland), 1969. Major subject: Biology.

  Dissertation: Some Nutritional Requirements of the Free-Living Stages of Nematospiroides Dubius Baylis (Nematoda: Heligmosomatidae).
- Brother Kevin Joseph McGibney, Congregation of Christian Brothers, New York, New York B.S., Iona College, 1969. Major subject: Physics.
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  B.E., University of Toledo, 1966. Major subject: Mathematics.
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- Mrs. Mozelle Williams Myers, Charleston, South Carolina B.S., Classin University, 1958. Major subject: Earth Science.
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- Miss Kathleen Elizabeth Nash, St. Louis, Missouri B.S., Notre Dame College (Missouri), 1963. Major subject: Earth Science.
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- Sister Barbara Marie Palicki, Sisters of St. Francis, Congregation of Our Lady of Lourdes, Hamtramck, Michigan A.B., Mary Manse College, 1965. Major subject: Earth Science.
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- Raul Alberto Rojas Garcia, Lima, Peru B.S., National University of Engineering (Lima, Peru), 1970. Major subject: Mathematics.
- Edward Joseph Rolenc, Junior, Mt. Pleasant, Iowa B.A., St. Benedict's College (Kansas), 1964. Major subject: Mathematics.
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- Michael W. Sabato, Mission, Kansas A.B., Rockhurst College, 1965. Major subject: Physics.
- Roger Alfred Sadlowsky, New Brighton, Minnesota B.S., St. Cloud State College, 1965. Major subject: Mathematics.
- Mark Wesley Sanger, Midland, Michigan B.S., Central Michigan University, 1966. Major subject: Physics.
- Richard Anthony Schott, Indianapolis, Indiana B.A., University of Louisville, 1965. Major subject: Earth Science.
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- James Louis Seurynck, Dearborn Heights, Michigan B.A., Eastern Michigan University, 1966. Major subject: Earth Science.
- Rev. Albin Sheputa, Marian Fathers' Congregation, Brockton, Massachusetts
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  B.S., St. Mary's College (California), 1959; M.S.(Math.), University of Notre Dame, 1966. Major subject: Chemistry.
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- John Cruz Torrez, Chicago, Illinois A.B., Colorado State College, 1961. Major subject: Mathematics.

- John Peter Turk, Richfield, Ohio B.S., Kent State University, 1958. Major subject: Earth Science.
- Sister Mary Vachon, Sisters of Mercy, Manchester, New Hampshire B.A., Mount St. Mary College, 1966. Major subject: Mathematics.
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- Sister M. Baptiste Westbrook, Congregation of Sisters of the Third Order of St. Francis, Syracuse, New York B.A., College of St. Rose, 1960. Major subject: Physics.
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- Roy Edward Wood, Lebanon, Indiana B.S., Purdue University, 1953; M.S., ibid., 1958. Major subject: Earth Science.
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- The Degree of Master of Science in Aerospace Engineering on:
- Francis Newton Underwood, Junior, West Helena, Arkansas B.S.A.E., University of Notre Dame, 1970. Dissertation: Numerical and Experimental Studies of the Steady Axisymmetric Flow Through a Disc-type Frosthetic Heart Valve.
- The Degree of Master of Science in Chemical Engineering on:
- Pierre P. Labourt-Ibarre, Ustaritz, France Engr. of Ch. Eg., National Polytechnique Institute of Toulouse, 1970.
- Justin Charles Lowry, Kansas City, Missouri B.S.E.S., Rockhurst College, 1971.

- John Patrick McGuire, South Bend, Indiana B.S.Ch.Eg., University of Notre Dame, 1968.
- Francisco O. Tan, Manila, Philippines B.S., University of the Philippines, 1971.

#### The Degree of Master of Science in Civil Engineering on:

John Stephen Brennan, Carson City, Nevada B.S.C.E., University of Notre Dame, 1968. Dissertation: Digital Computer Solutions of Systems of Second Order Differential Equations.

#### The Degree of Master of Science in Electrical Engineering on:

Michael Leo Stiglianese, Roselle, Illinois B.S., University of Notre Dame, 1970. Dissertation: Logical Realizations of Multiprocess Switching Arrays.

#### The Degree of Master of Science in Environmental Health Engineering on:

David Mark Dolan, Detroit, Michigan
B.S.Ch.Eg., University of Notre Dame, 1971. Dissertation: Optimum Planning for the Location of Regional Wastewater Treatment Facilities.

Kenneth Peter Stachiw, Cranford, New Jersey
B.S.C.E., University of Notre Dame, 1970. Dissertation: Groundwater Pollution from the St. Joseph County, Indiana, Sanitary Landfill: Hydrologic Aspects.

Martin J. Thomas, Oak Brook, Illinois B.S., University of Notre Dame, 1968; M.S. (Physics), ibid., 1970. Dissertation: Sprays from Propellant Systems.

#### The Degree of Master of Science in Engineering Science on:

Thomas Anthony Brzezinski, South Bend, Indiana B.S., Purdue University, 1970.

Mark Francis McClernon, Kansas City, Missouri B.S.E.S., Rockhurst College, 1970.

Phillip David Pattillo, Baton Rouge, Louisiana B.S., Louisiana State University and A. & M. College, 1970.

Louis Shau-Chung Tang, Hong Kong B.S.Engr.Sci., University of Portland, 1969.

#### The Degree of Master of Science in Mechanical Engineering on:

Terence J. Galvin, Roselle, New Jersey
B.S.M.E., University of Notre Dame, 1970. Dissertation: Formulation of an Incentive Program for General Hospital Nursing Units.

Elmer Joseph Kuhn III, North Canton, Ohio
B.S.A.E., University of Notre Dame, 1970. Dissertation: Applications of
Rayleigh-Ritz Method to Optimal Structural Design.

#### THE COLLEGE OF ARTS AND LETTERS

The Degree of Bachelor of Arts on: Eric Albert Andrus, Sacramento, California Marvin M. Bergida (With High Honors), Carmichael, California Harold Francis Closz II, North Muskegon, Michigan John Joseph Conway, Jr., Buffalo, New York Thomas Charles Giumenta (With Honors), Notre Dame, Indiana Daniel James Hallett, Wauseon, Ohio Shawn Matthew Hill, El Paso, Texas Robert James Keady, Monroeville, Pennsylvania Francis Patrick Loney, Silverton, Ohio Michael Allen Nash, Peoria, Illinois Harold Louis Smith (With Honors), Wappingers Falls, New York Peter Joseph Spencer, Rochester, New York John Frederick Tryon (With Honors), Perrysville, Ohio Robert Joseph Vaughn, Notre Dame, Indiana Leo Gregory White, Pittsburgh, Pennsylvania

#### THE COLLEGE OF SCIENCE

The Degree of Bachelor of Science on: Jack Dennis Doyle, Naperville, Illinois

#### THE COLLEGE OF ENGINEERING

The Degree of Bachelor of Architecture on: Stephen Clay Hunter, Sikeston, Missouri Mark David Jones, Rolling Prairie, Indiana Charles Joseph Weiler, Maplewood, New Jersey

The Degree of Bachelor of Science in Mechanical Engineering on: Lawrence Neal Farkas, McMurray, Pennsylvania John Allen Fiscus, Coeur d'Alene, Idaho

# The College of Business Administration IN THE GRADUATE DIVISION

The Degree of Master of Business Administration on: Steven Hillard Pollyea, South Bend, Indiana Fred J. Ziolkowski, South Bend, Indiana

#### IN THE UNDERGRADUATE DIVISION

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The Degree of Bachelor of Business Administration on: James Marshall Cordes, Farmington, Minnesota Brian Jon McGrath, Benton Harbor, Michigan

# Notre Dame, Our Mother O'Donnell-Casasanta

Notre Dame, Our Mother, tender, strong and true, Proudly in the heavens gleams thy gold and blue. Glory's mantle cloaks thee, golden is thy fame And our hearts forever praise thee, Notre Dame: And our hearts forever love thee, Notre Dame.

### GENERAL PROGRAM

#### for the

#### 127th Annual Commencement

#### Summer 1972

### UNIVERSITY OF NOTRE DAME

#### Friday, August 11

#### BACCALAUREATE MASS

- 8:30 a.m. Assemble in Administration Building, Main Floor for Academic Procession to Sacred Heart Church
- 8:45 a.m. Academic Procession departs for Sacred Heart Church
- 9:00 a.m. Concelebrated Baccalaureate Mass— Sacred Heart Church

#### Principal Celebrant:

Reverend James T. Burtchaell, C.S.C., Ph.D.

Provost

University of Notre Dame

#### Concelebrants:

Priests who will receive degrees at the Commencement Exercises

#### Homilist:

Reverend Ernan McMullin, Ph.D.

Chairman and Professor of the Department of

Philosophy

University of Notre Dame

#### COMMENCEMENT EXERCISES

- 10:15 a.m. Graduates assemble in Athletic & Convocation Center South Dome (Enter Gate 10 only)
- 10:45 a.m. Academic Procession begins
- 11:00 a.m. Commencement Exercises—Conferring of Degrees—Athletic & Convocation Center—South Dome

#### Commencement Address: Robert E. Rodes, Jr.

Professor of Law

(Guests are requested to please be seated in Athletic and Convocation Center no later than 10:45 a.m.—Use Gates 1-2 or 11—Please do not use Gate 10)