

# Commencement Exercises

OFFICIAL

SUMMER SESSION 1973

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



Concourse  
Athletic & Convocation Center  
11:00 A.M. (Eastern Standard Time)  
Friday, August 10, 1973  
(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

## America, The Beautiful—Ensemble and Audience

(Words are on page 18)

## Presentation of Candidates for Degrees

by John J. FitzGerald, Ph.D.

Assistant Vice-President for Graduate Instruction

by Robert J. Waddick, M.A.

Assistant Dean of the College of Arts and Letters

by Bernard Waldman, Ph.D.

Dean of the College of Science

by Stuart T. McComas, Ph.D.

Assistant 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 Ferdinand L. Brown, C.S.C., Ph.D.

Associate Provost

University of Notre Dame

## Commencement Address

by Richard Sullivan

Professor of English

University of Notre Dame

## Closing Remarks

by the Reverend Ferdinand L. Brown, C.S.C., Ph.D.

Associate Provost

University of Notre Dame

## Notre Dame, Our Mother—Ensemble and Audience

(Words are on page 18)

## Recessional of the Platform Party

Music by the University Brass Ensemble

# Degrees Conferred

## IN THE GRADUATE SCHOOL

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

### *The Degree of Doctor of Philosophy on:*

**William Francis Bailey, Rutherford, New Jersey**

Major subject: Chemistry. Dissertation: Conformation Analysis of 2-Substituted-1, 3-Dioxanes: The Anomeric and Reverse Anomeric Effect. 13<sub>0</sub> NMR Studies. Director: Dr. Ernest L. Eliel.

**Mrs. Virginia Sawin Beeson, Elkhart, Indiana**

Major subject: Biology. Dissertation: Studies of Genetic Suppression and Enhancement in *Drosophila melanogaster* Meigen: Structure-function Relationships of the Modified Eye Mutant Lozenge-34k (1z34k). Director: Dr. Harvey A. Bender.

**Owen Edward Brady, Chicago, Illinois**

Major subject: English. Dissertation: The Evolution of LeRoi Jones as a Dramatist. Director: Dr. Donald P. Costello.

**Alfred Louis Broz, St. Paul, Minnesota**

Major subject: Physics. Dissertation: Entropy of Liquid Helium II from Fountain Pressure Measurements. Director: Dr. Brij M. Khorana.

**Timothy J. Casey, Anaconda, Montana**

Major subject: Education. Dissertation: The Development of a Leadership Orientation Scale on the Strong Vocational Interest Blank for Women. Director: Dr. Sheridan P. McCabe.

**Armand Ralph Cerbone, Milton, Massachusetts**

Major subject: Education. Dissertation: An Analysis of the Bennis Model of Small Group Development as Related to Leadership Style. Director: Dr. William Tageson.

**Mrs. Yei-chou Betty Zang Chu, Republic of China**

Major subject: Economics. Dissertation: Variable Factor Supplies and the Pure Theory of International Trade. Director: Dr. James Rakowski.

**Charles C. Davis, Jr., Greenwich, Connecticut**

Major subject: Philosophy. Dissertation: An Investigation Concerning the Hilbert-Sierpinski Logical Form of the Axiom of Choice. Director: Dr. Boleslaw Sobocinski.

**Jack (Jacob) Dueck, Goshen, Indiana**

Major subject: English. Dissertation: Uses of the Picaresque: A Study of Five Modern British Novels. Director: Dr. Eugene J. Brzenk.

**Arthur Joseph Eaves, Hudson, Ohio**

Major subject: English. Dissertation: William Sewell: An Oxford Humanist. Director: Dr. Donald Sniogowski.

**Jimmy Duane Faught, San Jose, California**

Major subject: Sociology and Anthropology. Dissertation: The Logic of Historical Analysis in Sociology: Max Weber and Raymond Aron. Director: Dr. Jose Fabio Dasilva.

**Maurice A. Frechette, Pawtucket, Rhode Island**

Major subject: Mathematics. Dissertation: The Equivalence of Sesquilinear Forms. Director: Dr. Carl R. Riehm.

**Thomas Edgar Gangwer, Pottsville, Pennsylvania**

Major subject: Chemistry. Dissertation: The Radiation Chemistry of Some Alkyl Benzenes. Director: Dr. J. Kerry Thomas.

**James R. Hall, Rochester, New York**

Major subject: English. Dissertation: The Old English Book of Sacred History: Three Studies in the Unity of MS. Junius 11. Director: Dr. James F. Doubleday.

**Robert Francis Hegarty, Kansas City, Missouri**

Major subject: Mechanical Engineering. Dissertation: Dynamic Analysis of Cracked Cylindrical Shells and Plates with Holes. Director: Dr. Teoman Ariman.

- Ronald William Jones, Joliet, Illinois  
Major subject: Metallurgical Engineering and Materials Science. Dissertation: Applications of Specific-Heat Data in the Theories of Superconductivity and Itinerant Ferro Magnetism. Director: Dr. Albert E. Miller.
- William John Kelly, Jr., Drexel Hill, Pennsylvania  
Major subject: Electrical Engineering. Dissertation: Computability of Lacunary Sets. Co-Directors: Dr. Richard J. Leake and Dr. Richard Sacks.
- Sister Madonna Claire Kolbenschlager, Humility of Mary, Cleveland, Ohio  
Major subject: English. Dissertation: The Rhetoric of American Capitalism and Its Roots in Religious Ethos: A Study in Nineteenth-Century American Fiction and Prose Style. Director: Dr. Joseph X. Brennan.
- Chia Mohr Lau, Hunan, China (Taiwan).  
Major subject: Civil Engineering. Dissertation: Sulfide Oxidation by Ferric Iron in Acidic Aqueous Systems. Director: Dr. Philip C. Singer.
- Liang-fu Lou, Taipei, Chungking, China  
Major subject: Physics. Dissertation: Experimental Electronic Tunneling Studies of Superconducting Lanthanum. Director: Dr. Walter J. Tomasch.
- Joseph S. Lombardi, Riverside, Rhode Island  
Major subject: Education. Dissertation: Empirically Derived Models of College and University Counseling Centers and Their Relationship to Preventive Mental Health Activities. Director: Dr. William Tageson.
- Rev. Denis James Madden, Order of St. Benedict, Newton, New Jersey  
Major subject: Education. Dissertation: An Experimental Investigation of the Effects of Dependency and Powerlessness on Violence. Director: Dr. Sheridan P. McCabe.
- Richard Matthews, South Bend, Indiana  
Major subject: Education. Dissertation: A Study of Impulsivity-Reflectivity in a Group of Educable Mentally Retarded Children. Director: Dr. Sheridan P. McCabe.
- William Craig McCully, Downers Grove, Illinois  
Major subject: History. Dissertation: Drumont and Dreyfus: A French Chauvinist Editor and His Newspaper in a Crisis Period. Director: Dr. James Ward.
- James John McGivern, Bloomfield, New Jersey  
Major subject: Biology. Dissertation: Cytogenetics of Two Radiation-induced Paracentric Inversions in *Aedes aegypti* (Diptera: Culicidae). Director: Dr. Karamjit S. Rai.
- Marshall John Moffat, Quebec, Canada  
Major subject: Chemistry. Dissertation: The Equilibrium Theory of Simple, Classical Fluids. Director: Dr. John J. Kozak.
- Lloyd Nicholas Monnin, Springfield, Ohio  
Major subject: Education. Dissertation: Objectives of General Education in Two Year Associate Degree Programs of Technical Education. Director: Dr. Richard H. Metzcus.
- Leo Dennis Montroy, Lincoln Park, Michigan  
Major subject: Biology. Dissertation: Experimental Manipulation of Bog Plankton Communities in Bog Lakes. Director: Dr. Richard W. Greene.
- George Mathew Mukunnemkeril, Changanachery, Kerala, India  
Major subject: Biology. Dissertation: Studies on Ultrastructure of Normal Oogenesis and Chemosterilant (Apholate) -induced Changes in *Aedes aegypti*. Director: Dr. Karamjit S. Rai.
- Conrad Albert Naleway, South Bend, Indiana  
Major subject: Chemistry. Dissertation: Theoretical Studies of H<sub>2</sub>O: An Analysis of the Geometry of H<sub>2</sub>O in Terms of LMO Energy Interaction Components; "Ab Initio" Studies on a Few of the low-lying excited states of H<sub>2</sub>O; and an investigation into the microscopic detail of the radiolytic products produced in the aqueous phase with emphasis on the hydrated electron. Director: Dr. Maurice Schwartz.

- Patrick Victory O'Dea, Olean, New York  
Major subject: History. Dissertation: Gladstone and the Leadership of the Liberal Party 1886-1892. Director: Dr. Matthew Fitzsimons.
- Rev. Ronald William Olszewski, Oblates of St. Francis de Sales, Toledo, Ohio  
Major subject: Education. Dissertation: The Effect of a Multiunit/Open-Space School Structure on Teacher Behavior. Director: Dr. Richard H. Metzcus.
- John Joseph O'Sullivan, Glengarriff, Cork, Ireland  
Major subject: Mathematics. Dissertation: Manifolds Without Conjugate Points. Director: Dr. Brian Smyth.
- Albert Joseph Palko, Cleveland, Ohio  
Major subject: English. Dissertation: Latter-Day Saints: George Eliot's New Saint Theresa in Image and Symbol. Director: Dr. Joseph M. Duffy, Jr.
- Varappatti Govindarajulu Pandarinathan, Coimbatore, India  
Major subject: Civil Engineering. Dissertation: Comparative Study of Finite Element Models for Cylindrical Shells. Director: Professor Sydney Kelsey.
- Charles Francis Peltier, Sharon, Massachusetts  
Major subject: Mathematics. Dissertation: Classifying Spaces for Sectioning Multiples of a Symplectic Line Bundle. Director: Dr. A. Duane Randall.
- John Robert Powers, Massapequa, New York  
Major subject: Chemistry. Dissertation: 1,3-Dioxanes: Conformational Energies of Substituents at C-4 and Vicinal Effects Thereon, Deformation from the Ideal Chair Form, and the Chair-Twist Free-Energy Difference. Director: Dr. Ernest L. Eliel.
- Mrs. Marie Agnes Ritter, South Bend, Indiana  
Major subject: English. Dissertation: The Angels and the Angels. A Study in the Correlation between the Christian Doctrine of Spirits and the Aesthetics of the Anglo-Saxon Poems *Genesis A* and *B* and *Christ I* and *II*. Director: Dr. Edward A. Kline.
- Rev. Frank Joseph Ruetz, Congregation of the Resurrection, Kitchener, Ontario, Canada  
Major subject: Education. Dissertation: An Investigation of the Relationship Between the Social Context of a Catholic High School and Student-Faculty Faith Commitment. Director: Dr. Phillip T. Sciortino.
- Leslie Imre Rudnyanszky, Hightstown, New Jersey  
Major subject: History. Dissertation: The Caribbean Slave Trade: Jamaica and Barbados, 1680-1770. Director: Dr. Marshall Smelser.
- Thomas Warren Scharle, Dubuque, Iowa  
Major subject: Philosophy. Dissertation: Axiomatization of Fragments of S5. Director: Dr. Boleslaw Sobocinski.
- Sister Katherine Seibert, Sisters of Charity of New York, City Island, New York  
Major subject: Microbiology. Dissertation: A Study of Germfree and Conventional SJL/L Mice in Relation to Pathology, Humoral Immunity, and Immunosuppression. Director: Dr. Morris Pollard.
- Mrs. Lillian Stanton, South Bend, Indiana  
Major subject: English. Dissertation: Art in the Dance: A Study of the Use of the Fine Arts in Anthony Powell's *A Dance to the Music of Time*. Director: Dr. Joseph M. Duffy, Jr.
- Peter H. Stuntebeck, Covington, Kentucky  
Major subject: Physics. Dissertation: A Study of the Production of  $K_0^0$ 's<sup>1</sup> and  $\bar{A}_0$ 's in 18.5 GeV/c  $\pi^+p$  and  $\pi^-p$  Interactions. Director: Dr. Neal Cason.
- Chia-Chi Tung, Taiwan, China  
Major subject: Mathematics. Dissertation: The First Main Theorem on Complex Spaces. Director: Dr. Wilhelm Stoll.
- Stephen Robert Van Luchene, Mesa, Arizona  
Major subject: English. Dissertation: Five Essays on the Gothic Novel from Horace Walpole to Mary Shelley. Director: Dr. Patrick J. Callahan.
- Rev. Jacob Vellian, Kerala, India  
Major subject: Theology. Dissertation: The Beginnings of Latinization of the Malabar Liturgy: 1559-1606. Director: Rev. Aidan Kavanagh.

Brother Vincent Anthony Wayer, Society of Mary, Chicago, Illinois  
Major subject: Education. Dissertation: Conflict and Psyche: An Introduction to Jungian Psychology for the Administrator. Director: Brother Anthony J. Ipara, S.M.

Edward Thomas Wright, Jr., Lakeland, Florida  
Major subject: Mathematics. Dissertation: Killing Vector Fields and Harmonic Forms. Director: Dr. Alan Howard.

*The Degree of Juris Doctor on:*

Richard Lawrence Kehoe, Jr., Warsaw, Indiana  
B.S. Manchester College, 1968.

Ronald J. Zadora, Dearborn Heights, Michigan  
B.A. Michigan State University, 1970.

*The Degree of Master of Fine Arts on:*

Sister Ann Catherine Bates, Society of the Sacred Heart, Chicago, Illinois

James Leslie Dyer, South Bend, Indiana

Sidney Todd Hoover, South Bend, Indiana

Sister Frances Irene Krzak, Congregation of Sisters of St. Felix (Felician), Pittsburgh, Pennsylvania

Mrs. Christiane Tschierske Martens, South Bend, Indiana

Sister Nancy Moran, Congregation of the Sisters of the Holy Cross, Morris, Illinois

Mrs. Faye Ann Serio, Mishawaka, Indiana

*The Degree of Master of Arts on:*

Paul W. Alandt, Detroit, Michigan

Major subject: Liturgy.

Sister Mary Donald Albaugh, Sisters of Divine Providence, St. Louis, Missouri

Major subject: Liturgy.

Miss Christa Francine Andres, Wauwatosa, Wisconsin

Major subject: Art.

William Anthony Barry, Scranton, Pennsylvania

Major subject: Government and International Studies.

Sister Janet Marie Bednar, Sisters of Saint Joseph, Cleveland, Ohio

Major subject: Education.

Miss Judith Ann Betz, Philadelphia, Pennsylvania

Major subject: History.

Daniel Aaron Burr, Helena, Montana

Major subject: English.

Sister Eileen M. Callaghan, Franciscan Sisters of Tiffin, Tiffin, Ohio

Major subject: Education.

Mrs. Martha Larzelere Campbell, East Lansing, Michigan

Major subject: History.

John Edward Carnell, LaPorte, Indiana

Major subject: Art.

Thomas Francis Casey, Blairsville, Pennsylvania

Major subject: Communication Arts.

Sister Marguerite Caulfield, Institute of the Blessed Virgin Mary, Western Springs, Illinois

Major subject: Communication Arts.

Thomas Gerard Caulfield, Gloucester, Massachusetts

Major subject: Theology.

Rev. Albert Benedict Ceranowski, Toledo, Ohio

Major subject: Education.

Rev. Peter Stanley Chepaitis, Order of Friars Minor, Buffalo, New York

Major subject: Liturgy.

Miss Mary Regina Coady, Jeffersonville, Pennsylvania

Major subject: English.

- Mrs. Lynn Faust Cohen, Passaic, New Jersey  
Major subject: Education.
- Sister Arlene Connelly, Institute of the Blessed Virgin Mary, Sacramento, California  
Major subject: Communication Arts.
- Rev. John Francis Conrad, Manitowoc, Wisconsin  
Major subject: Education.
- Rev. Davis Brian Cote, Carmelite Fathers, Houston, Texas  
Major subject: English.
- Rev. Donald Bernard Cozzens, Cleveland, Ohio  
Major subject: Education.
- Patrick M. Devine, Ontario, Canada  
Major subject: Economics.
- Joseph John Divis, Parma, Ohio  
Major subject: Liturgy.
- Sister Mary Charlotte Donais, Sisters of St. Joseph of Carondelet, St. Paul, Minnesota  
Major subject: Theology.
- Sister Elizabeth Ann Donlan, Sisters of the Presentation, Dubuque, Iowa  
Major subject: Education.
- Sister Mary Catherine Dostal, Order of St. Ursula, Santa Rosa, California.  
Major subject: History.
- Jordan John Drydyk, Jr., Cedarburg, Wisconsin  
Major subject: Philosophy.
- Miss Sally Lee Dunn, Torrance, California  
Major subject: Philosophy.
- Peter Jerome Fagan, New Haven, Connecticut  
Major subject: Education.
- Sister Anne Marie Fahey, Sisters of Charity of Halifax, Boston, Massachusetts  
Major subject: Theology.
- Sister Dianne Marie Fanguy, Congregation of St. Joseph of Bourg, New Orleans, Louisiana  
Major subject: Theology.
- Rev. Alfred John Fitzgerald, Jennings, Missouri  
Major subject: Education.
- Rev. David Edward Fitzgerald, Franciscan Friars of the Atonement, Garrison, New York  
Major subject: Liturgy.
- Sister Phyllis Anne Fuselier, Marianites of Holy Cross, Ville Platte, Louisiana  
Major subject: Communication Arts.
- Miss Margaret Mary Geelan, State College, Pennsylvania  
Major subject: Psychology.
- Joseph Francis Gerlock, Notre Dame, Indiana  
Major subject: English.
- Joseph B. Good, South Bend, Indiana  
Major subject: Communication Arts.
- Sister M. Rose Edward Goodrow, Congregation of the Sisters of the Holy Cross, South Bend, Indiana  
Major subject: Education.
- Brother Charles Bernard Gregg, Congregation of Holy Cross, Notre Dame, Indiana  
Major subject: English.
- Miss Margaret Elizabeth Grounds, South Bend, Indiana  
Major subject: English.

- Miss Loraine Laruth Hamlin, Tougaloo, Mississippi  
Major subject: English.
- Thomas Lee Hampson, Modesto, California  
Major subject: Theology.
- Brother Alan Charles Harrod, Congregation of Holy Cross, Washington, D.C.  
Major subject: Modern and Classical Languages (French).
- Miss Paulette Hatchett, Detroit, Michigan  
Major subject: Psychology. Thesis: Some Correlates of the Rating of Behavior as Deviant. Director: Dr. Peter Naus.
- Rev. Theodore Joseph Hendricks, Green Bay, Wisconsin  
Major subject: Education.
- Brother Sumner Francis Herrick, Marist Brothers of the Schools, Bronx, New York  
Major subject: Modern and Classical Languages (French).
- Sister Michael Andrew Hill, Sisters of St. Joseph, Philadelphia, Pennsylvania  
Major subject: History.
- Miss Barbara Ann Hinkes, Westchester, Illinois  
Major subject: Economics.
- Brother Kenneth Vincent Hogan, Marist Brothers, Wheeling, West Virginia  
Major subject: Theology.
- Jack Michael Joseph, Cypress, California  
Major subject: Government and International Studies.
- Sister Margo Kavanaugh, Religious Sister of Mercy, Camden, New Jersey  
Major subject: Education.
- Rev. Dennis O'Neill Kennedy, Congregation of the Mission, St. Louis, Missouri  
Major subject: Liturgy.
- Miss Virginia G. Kopf, Columbus, Ohio  
Major subject: Art.
- Rev. Ronald Kurzawa, Detroit, Michigan  
Major subject: Liturgy.
- Rev. Carl Allen Last, Milwaukee, Wisconsin  
Major subject: Liturgy.
- Miss Barbara Ann Lettiere, Trenton, New Jersey  
Major subject: Economics.
- Mrs. Anne Therese Lavelle Lewis, South Bend, Indiana  
Major subject: Education.
- Sister Anne Lynch Macksoud, Society of the Holy Child Jesus, New York, New York  
Major subject: Communication Arts.
- Sister Margaret Ellen Mahoney, School Sisters of Notre Dame, Chicago, Illinois  
Major subject: English.
- John Andrew Martens, South Bend, Indiana  
Major subject: Economics.
- Rev. J. Roger McDonough, St. Louis, Missouri  
Major subject: Theology.
- Patrick John McDonough, Pittsfield, Massachusetts  
Major subject: Government and International Studies.
- James Joseph McKee, Boston, Massachusetts  
Major subject: Education.
- Patrick E. Medland, South Bend, Indiana  
Major subject: Education.
- Rev. Francis Thomas Menei, Philadelphia, Pennsylvania  
Major subject: Education.



- Sister Mary Elizabeth Middendorf, Our Lady of Victory Missionary Sisters, Huntington, Indiana  
Major subject: Theology.
- Rev. Fred Eugene Moffett, Congregation of the Priests of the Sacred Heart, Oil City, Pennsylvania  
Major subject: English.
- Miss Patricia Anne Moffitt, Albany, New York  
Major subject: Communication Arts.
- Mrs. Carolyn Grace Moreland, Elkhart, Indiana  
Major subject: Education.
- Rev. Richard Mucowski, Order of Friars Minor, Franciscan Fathers, Washington, D.C.  
Major subject: Sociology and Anthropology.
- Sister Nora Agnes Mullen, Sisters of St. Joseph of Sault Ste. Marie, Sudbury, Ontario, Canada  
Major subject: Theology.
- Sister Judith Ann Nickels, School Sisters of Saint Francis, Naperville, Illinois  
Major subject: Theology.
- Sister Dorothy Clare O'Brien, Society of the Holy Child Jesus, Philadelphia, Pennsylvania  
Major subject: History
- Sister Kathleen O'Callaghan, Presentation Sisters, Warner Robins, Georgia  
Major subject: Education.
- Miss Colleen Ann O'Connor, Kewanee, Illinois  
Major subject: Education.
- Sister Mary Shirley O'Donnell, Religious Sisters of Mercy, Buffalo, New York  
Major subject: Modern and Classical Languages (Spanish).
- Sister Rosarita Ogden, Religious Sister of Mercy, Louisville, Kentucky  
Major subject: Art.
- Sister Malachy O'Neill, Sisters of Mercy, Pittsburgh, Pennsylvania  
Major subject: Theology.
- Sister Patricia Pasternak, Sisters of the Precious Blood, Seven Hills, Ohio  
Major subject: Communication Arts.
- Brother John Thomas Patzwall, Brothers of the Christian Schools, Baltimore, Maryland  
Major subject: History.
- Sister Mary Clare Powers, Religious Sisters of Mercy, Buffalo, New York  
Major subject: Theology.
- Rev. Timothy Raymond Pelc, Dearborn, Michigan  
Major subject: Liturgy.
- Mrs. Karen Roberta Preston, Niles, Michigan  
Major subject: English.
- Miss Karen Quade, Portage, Indiana  
Major subject: Psychology.
- William Rakowski, Mishawaka, Indiana  
Major subject: Psychology.
- Wallace Scott Rannels, St. Petersburg, Florida  
Major subject: Education.
- Nallapu Narayan Reddy, Nagaram, Andhra Pradesh, India  
Major subject: Economics.
- Rev. Louis Joseph Robello, Secular Priest of the Diocese of Pueblo Colorado, Durango, Colorado  
Major subject: Liturgy.
- Sister Mary Cynthia Roden, Congregation of the Sisters of St. Felix, Lodi, New Jersey  
Major subject: English.

- Daniel Anthony Rohde, South Bend, Indiana  
Major subject: Education.
- Rev. John Thomas Rolfes, Fairborn, Ohio  
Major subject: Education.
- Brother Michael Joseph Roy, Worcester, Massachusetts  
Major subject: Liturgy.
- Roger Allen Rutan, Hollansburg, Ohio  
Major subject: History.
- Quentin Wayne Ryder, Hoopston, Illinois  
Major subject: Economics.
- Sister Rita Saint-Gelais, Sisters of Our Lady of Good Counsel,  
Chicoutimi, Quebec, Canada  
Major subject: Art.
- Sister Mary J. St. John, Order of St. Ursula, Toledo, Ohio  
Major subject: Communication Arts.
- Rev. John Joseph Jeremy Saltzman, Franciscan Friars of the Atonement,  
Garrison, New York  
Major subject: Liturgy.
- Miss Donna Salzano, Newark, New Jersey  
Major subject: Education.
- Miss Mary Ellen Schlater, New Albany, Indiana  
Major subject: Modern and Classical Languages (French).
- Sister Mary Luke Schlehr, Sister of Mercy, Buffalo, New York  
Major subject: Art.
- Miss Carol May Schyllander, Tiffin, Ohio  
Major subject: Communication Arts.
- Miss Linda Kay Sheidler, Toledo, Ohio  
Major subject: English.
- Richard John Sherman, South Bend, Indiana  
Major subject: Education.
- Rev. Gerald Matthew Shirilla, Detroit, Michigan  
Major subject: Liturgy.
- Sister Mary Anne Smith, Sisters of St. Joseph of Carondelet, Peoria,  
Illinois  
Major subject: Education.
- Stephen Patrick Smith, Philadelphia, Pennsylvania  
Major subject: English.
- Major William Albert Smith, South Bend, Indiana  
Major subject: Psychology.
- Sister Marcia Flora Snowden, Religious Sisters of Mercy, Pittsburgh,  
Pennsylvania.  
Major subject: Theology.
- Kenneth Ignatius Spenner, Hartington, Nebraska  
Major subject: Sociology and Anthropology.
- Sister Mary Jane Stapleton, Religious Sisters of Mercy, Merion,  
Pennsylvania  
Major subject: Theology.
- Jerry Elton Stover  
Major subject: Education.
- Sister Donna Mae Straub, School Sisters of Notre Dame, Rudolph,  
Wisconsin  
Major subject: Education.
- Sister Sheila Frances Sullivan, Congregation de Notre Dame, Mon-  
treal, Quebec  
Major subject: English.
- William Michael Swigert, Goshen, Indiana  
Major subject: History.
- Miss Joanne Szafran, Lowell, Massachusetts  
Major subject: History.
- Nicholas Anthony Talarico, Jr., Chicago, Illinois  
Major subject: English.

- Rev. William Bruce Thompson, Oblates of Mary Immaculate, London, Ontario, Canada  
Major subject: Theology.
- Sister Kathleen Ann Tuohey, Daughters of Wisdom, Waterbury, Connecticut  
Major subject: Theology.
- Miss Jeanne Tuma, Phoenix, Arizona  
Major subject: Theology.
- Rev. William Uebelher, Denver, Colorado  
Major subject: Education.
- Sister Marietta Umlor, Congregation of the Sisters of the Holy Cross, Evergreen Park, Illinois  
Major subject: Education.
- Sister Joan Ruth Verner, Sisters of Charity of Halifax, Lawrence, Massachusetts  
Major subject: History.
- Igor Vichnevsky, Lincoln, Nebraska  
Major subject: Government and International Studies.
- Sister Janet Elizabeth Wahl, Sisters of Mercy, Rochester, New York  
Major subject: Education.
- Sister Renée Marie Walker, Sisters of St. Joseph of Nazareth, Lansing, Michigan  
Major subject: Education.
- Sister Teresa M. Whalan, Sisters of Charity, Yonkers, New York  
Major subject: Art.
- Sister Eileen Lois Witkop, Sisters of Saint Joseph of Springfield, Springfield, Massachusetts  
Major subject: Liturgy.
- John William Wohltman, Jr., Bayonne, New Jersey  
Major subject: Government and International Studies.
- Miss Ann Mary Zlotkowski, Hamden, Connecticut  
Major subject: Economics.
- Sister Patricia Zwang, Society of the Holy Child Jesus, Pasadena, California  
Major subject: Liturgy.

*The Degree of Master of Mediaeval Studies on:*

- John Graham McGinley, New York, New York  
Thesis: Five Years of Accounts (1494-95 through 1498-99) from the Fourth Book of the Receptors of the English German Nation at the University of Paris. Director: Professor Dr. A. L. Gabriel.

*The Degree of Master of Music on:*

- Sister Yvonne Marilyn Greiner, Order of Preachers, Grand Rapids, Michigan

*The Degree of Master of Music Education on:*

- Mrs. Karen Sue Borrelli, Elkhart, Indiana  
Sister Mary Rosetta Rothengass, Sisters of Charity of the Blessed Virgin Mary, Chicago, Illinois

*The Degree of Master of Science in Administration on:*

- Sister Patricia May Agan, Sisters of St. Joseph-Vermont, Rutland, Vermont  
Sister Mary Grace Barton, Sisters of Mercy, Portland, Maine  
Sister Mary Joaquin Bitler, Sisters of Charity of Cincinnati, Santa Fe, New Mexico

Sister Teresa Ann Dunnigan, Grey Sisters of the Immaculate Conception, Ontario, Canada  
 Sister M. Lucille Dwyer, Sisters of St. Joseph, London, Ontario, Canada  
 Rev. Robert F. Ippolito, Missionaries of La Salette, Ipswich, Massachusetts  
 Sister Joan Kirkpatrick, Sisters of Providence, Orange, California  
 Sister Mary Magdalen Lynch, Presentation of the B.V.M., Newburgh, New York  
 Sister M. Leona Marx, Sisters of St. Francis, Lewiston, New York  
 Rev. Louis A. Olivares, Sons of the Immaculate Heart of Mary, Los Angeles, California  
 Sister Ruth Anne Panning, Sisters of Charity of Cincinnati, Colorado Springs, Colorado  
 Sister Claire Louise Robert, Sisters of Holy Cross and Seven Dolors, New Bedford, Massachusetts  
 Michael Joseph Roman, South Bend, Indiana  
 Sister Doris Ann Roy, Sisters of the Most Holy Sacrament, Lafayette, Louisiana  
 Edward Joseph Schneider, Jr., Louisville, Kentucky  
 Sister Martha Ouellet (Villeneuve), Congregation of the Sisters of Holy Cross, New Bedford, Massachusetts

*The Degree of Master of Science on:*

Lester L. Altevogt, Elkhart, Indiana  
 Major subject: Mathematics.  
 Brother Thomas Richard Androlewicz, Society of Mary, St. Louis, Missouri  
 Major subject: Mathematics.  
 Sister Ann Patrick Angelina, Sisters, Servants of the Immaculate Heart of Mary, Philadelphia, Pennsylvania  
 Major subject: Mathematics.  
 Sister Marian Baumlner, Sisters of Saint Mary of Namur, Kenmore, New York  
 Major subject: Mathematics.  
 Sister Mary Jane Bell, Congregation of Divine Providence, San Antonio, Texas  
 Major subject: Biology.  
 Ronald David Bennett, Osceola, Indiana  
 Major subject: Mathematics.  
 Paul Jeffrey Bernard, South Bend, Indiana  
 Major subject: Mathematics.  
 Burrell Bisbee, Society of Jesus, Berkeley, California  
 Major subject: Mathematics.  
 Curtis Lee Blais, Washington, D.C.  
 Major subject: Mathematics.  
 Robert Blondin, Jr., Winooski, Vermont  
 Major subject: Mathematics.  
 William F. Bradley, Jr., Lakeside, California  
 Major subject: Mathematics.  
 William G. Braun, Elkins Park, Pennsylvania  
 Major subject: Biology.  
 Winston Delano Brown, Prichard, Alabama  
 Major subject: Mathematics.  
 David Forrest Bryant, Mt. Hermon, Massachusetts  
 Major subject: Mathematics.  
 Brother Christopher K. Buck, Brothers of the Christian Schools, Lansing, Michigan  
 Major subject: Mathematics.

- Fred Anthony Campisano, Phoenix, Arizona  
Major subject: Physics.
- Louis Joseph Caprario, Jr., Elizabeth, New Jersey  
Major subject: Chemistry.
- Sister Maria Carmel Carter, Sisters of Saints Cyril and Methodius,  
Danville, Pennsylvania  
Major subject: Chemistry.
- Miss Josephine C. Casey, Woodhaven, New York  
Major subject: Biology.
- Thomas Yuh-gen Chai, Taichung, Taiwan  
Major subject: Physics.
- Miss Taiyin Shirley Chao, Taiwan, Republic of China  
Major subject: Chemistry.
- John A. Clear, Jr., Bronx, New York  
Major subject: Chemistry.
- Miss Kathryn Carol Clearage, Cleveland, Ohio  
Major subject: Chemistry.
- Sister Patricia Ann Clement, Congregation of the Sisters of St. Joseph  
of Carondelet, Augusta, Georgia  
Major subject: Chemistry.
- Sister Jeanne Clennon, Sisters of the Holy Cross, Notre Dame,  
Indiana  
Major subject: Mathematics.
- Jon Leslie Cline, Donora, Pennsylvania  
Major subject: Chemistry.
- Ray Eugene Collings, Kingsbury, Indiana  
Major subject: Mathematics.
- Robert Paul Cunningham, Medford, Massachusetts  
Major subject: Chemistry.
- Sister Bernarde Dillon, Congregation of St. Brigid, San Antonio,  
Texas  
Major subject: Mathematics.
- Paul Edward Eisenzimmer, Cuyahoga Falls, Ohio  
Major subject: Chemistry.
- Sister Lorelle Eileen Elcock, Sisters of the Third Order of St. Dom-  
inic, Gloucester, New Jersey  
Major subject: Mathematics.
- John David Engel, Toledo, Ohio  
Major subject: Chemistry.
- Dennis William Fanning, Bridgeport, Connecticut  
Major subject: Chemistry.
- Sister Maria Fest, Sisters of Divine Providence, Pittsburgh, Penn-  
sylvania  
Major subject: Chemistry.
- Monte Motohiro Furuya, Torrance, California  
Major subject: Physics.
- Mrs. Janice Rae Gangwer, Winston-Salem, North Carolina  
Major subject: Chemistry.
- Sister Ann Patrick Gannon, Sisters of the Presentation of the B.V.M.,  
Huron, South Dakota  
Major subject: Mathematics.
- Frank D. Giannetti, Chicago Heights, Illinois  
Major subject: Mathematics.
- Sister Mary Walter Goebel, Sisters of St. Benedict, Ferdinand,  
Indiana  
Major subject: Geology.
- Sister Margaret Mary Goode, Sisters of Notre Dame de Namur,  
Atlanta, Georgia  
Major subject: Chemistry.
- Miss Anne Camille Graf, Minersville, Pennsylvania  
Major subject: Mathematics.

- Brother John Francis Griffin, Brothers of the Christian Schools, De-  
troit, Michigan  
Major subject: Chemistry.
- James Calvin Groff, Michigan City, Indiana  
Major subject: Mathematics.
- John William Hackett, Chicago, Illinois  
Major subject: Geology.
- DeVon Lee Hoffman, New Paris, Indiana  
Major subject: Mathematics.
- John Jerome Hynek, Palatine, Illinois  
Major subject: Mathematics.
- Sister Ann Thomas Job, Sisters of Charity, Denver, Colorado  
Major subject: Mathematics.
- Craig Arthur Kalicki, South Bend, Indiana  
Major subject: Mathematics.
- Stanley W. Kasyan, Jr., Maywood, New Jersey  
Major subject: Chemistry.
- Roger John Keil, Milford, New Jersey  
Major subject: Mathematics.
- Eugene Francis Kenney, Harrisville, Rhode Island  
Major subject: Mathematics.
- Dennis Lee Kincade, Plymouth, Indiana  
Major subject: Mathematics.
- Sister Sharon Lee Kleinhans, Sisters of Mercy, Burlingame, Califor-  
nia  
Major subject: Mathematics.
- Walter Philip Kremm, Jr., North Ridgeville, Ohio  
Major subject: Mathematics.
- Sister Laura L. Landen, Dominican Sisters of St. Mary of the  
Springs, Columbus, Ohio  
Major subject: Mathematics.
- Thomas Howard Lockwood, Cincinnati, Ohio  
Major subject: Chemistry.
- Pierre Jean Lussier, Montreal, Quebec, Canada  
Major subject: Physics.
- Ronald Everett Miscnor, Las Vegas, Nevada  
Major subject: Physics.
- Thomas Lowell Naps, Milwaukee, Wisconsin  
Major subject: Mathematics.
- Sister Ellen Therese Newell, Sisters of Notre Dame de Namur,  
Boston, Massachusetts  
Major subject: Chemistry.
- Rev. Gerald Anthony Nicholas, Order of Saint Augustine, Chicago,  
Illinois  
Major subject: Physics.
- Aloysius Jacob Niemier, Jr., South Bend, Indiana  
Major subject: Mathematics.
- Gary Lynn Phillips, Moline, Illinois  
Major subject: Chemistry.
- Miss Carol Sue Pliner, South Bend, Indiana  
Major subject: Mathematics.
- George Joseph Pothering, Pottsville, Pennsylvania  
Major subject: Mathematics.
- Miss Sarah Anne Quast, Santa Monica, California  
Major subject: Chemistry.
- Miss Judy Vee Romans, Coeur d'Alene, Idaho  
Major subject: Chemistry.
- Robert Dieter Rose, Hightstown, New Jersey  
Major subject: Mathematics.
- Miss Rose Ann T. Salerno, Steelton, Pennsylvania  
Major subject: Biology.

- Candido Sanchez, Laurel, Maryland  
Major subject: Mathematics.
- Brother Walter James Schreiner, Brothers of the Christian Schools,  
St. Paul, Minnesota  
Major subject: Mathematics.
- Rodney Patrick Sheppard, Chicago, Illinois  
Major subject: Physics.
- Michael Lee Sipotz, South Bend, Indiana  
Major subject: Mathematics.
- Charles W. Sopher, Kewanna, Indiana  
Major subject: Mathematics.
- Everett Earl Taylor, Granville, Illinois  
Major subject: Mathematics.
- Mrs. Nancy Ann Taylor, South Bend, Indiana  
Major subject: Biology.
- Dale Edward Wiand, Jr., South Bend, Indiana  
Major subject: Physics.
- Sister M. Renée Wozniczka, Congregation of Sisters of St. Felix,  
Chicago, Illinois  
Major subject: Mathematics.
- Charles Zubritsky, Monessen, Pennsylvania  
Major subject: Chemistry. Thesis: The Analysis of the Anerobic Hydrolysis  
of Sodium Dithionite by the Wollak Method. Director: Dr. J. P. Danchy.

*The Degree of Master of Science in Chemical Engineering on:*

- Thomas Edward Blumer, Toledo, Ohio
- Richard Thomas Coleman, Jr., North Plainfield, New Jersey
- Rodolfo Juventino Mora-Vallejo, Jalapa, Veracruz
- Miss Ho-ward Yang, Hsin-Tien, Taiwan
- Nelson Marino Zuniga R., Cali Valle, Colombia

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

- Daniel Miller Gillen, Rochester, New York  
Thesis: Rate Process Parameter Determination with Unconfined Compression  
Tests. Director: Dr. Jerry J. Marley.
- Carl Paul Littrell, South Bend, Indiana

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

- Mrs. Raykun Rosa Chang, Taiwan, China  
Thesis: System Identification from Input Output Data. Director: Dr.  
Ruey-wen Liu.

*The Degree of Master of Science in Environic Design on:*

- Michael Joseph Obringer, South Bend, Indiana  
Thesis: Organizing Consensus Planning in the Commonplace Town — Rose-  
land, Indiana. Director: Professor Patrick Horsbrugh.

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

- Joseph Edward Ancel, Joliet, Illinois  
Thesis: Development of a Cyclone for In-Stack Particle. Director: Dr.  
A. R. McFarland.
- Paul Joseph Bockstahler, Binghamton, New York
- Paul Walter Kruger, Valparaiso, Indiana
- William G. Razor, Elkhart, Indiana  
Thesis: Treatability of Industrial Wastewater from Citric Acid Manufacturing.  
Director: Dr. Wayne Echelberger.
- Richard Anthony Roach, Old Lyme, Connecticut
- Robert Lennox Scott, Elkins, West Virginia

William Bernard Zilli, Cincinnati, Ohio

Thesis: The Ozonation of Ammonia: Application to Wastewater Treatment.  
Director: Dr. Philip C. Singer.

*The Degree of Master of Science in Mechanical Engineering on:*  
Mrs. Hsin-Hsin Caty Cheung, Taipei, Taiwan

### THE COLLEGE OF ARTS AND LETTERS

*The Degree of Bachelor of Arts on:*

Casper Albert Mark Ahasic, Aurora, Illinois  
Martin Christopher Best, Peoria, Illinois  
Lawrence John Black, Staten Island, New York  
Thomas Charles Broderick, Yonkers, New York  
Kerry P. Brouk (With High Honors), Webster Groves, Missouri  
Arthur Steven Brown, West Covina, California  
Roland Wesley Chamblee, Jr., South Bend, Indiana  
John Thomas Collins, Shrewsbury, Massachusetts  
Duane A. Dinchart, Alexandria, Indiana  
Carl Edward Ellison, South Bend, Indiana  
Robert Thomas Fanning, Jr., Fontana, Wisconsin  
Leo Francis Gorie, Bay Village, Ohio  
Martin Joseph Hagan, Pittsburgh, Pennsylvania  
Dennis Joseph Hannon, Chicago, Illinois  
Peter Foley Hayes, Elyria, Ohio  
Victor Joseph Jagmin, Jr., South Bend, Indiana  
Stephen Joseph Kane (With High Honors), San Mateo, California  
John Francis Kerbleski, San Francisco, California  
Richard Hayden Klein, Dallas, Texas  
John W. Koehn, Adrian, Michigan  
Matthew Michael Kubik, Michigan City, Indiana  
Edward M. Lange, Albany, New York  
John Edward Lynch, Cuyahoga Falls, Ohio  
Peter Clayton Mapes (With Honors), Phoenix, Arizona  
Patrick George Marcello, Pittsburgh, Pennsylvania  
Paul S. Michaels, Garden City, New York  
Michael C. Mysliwicz, Grand Rapids, Michigan  
Paul Christopher O'Neil, South Boston, Massachusetts  
Paul J. Pandolfi, Wilmington, Delaware  
Teresa Karen Phelps (With High Honors), South Bend, Indiana  
Joseph Anthony Salata, Jr., Bridgeport, Connecticut  
Paul Joseph Smyth, Groton Long Point, Connecticut  
Michael Stephen Van Remortel (With Honors), Santa Clara,  
California

*The Degree of Bachelor of Fine Arts on:*

James Lewis Tomasi, South Bend, Indiana

### THE COLLEGE OF SCIENCE

*The Degree of Bachelor of Science on:*

Ronald Joseph Duchovic (With High Honors), Dearborn, Michigan  
Geoffrey J. Hui, Tytam, Hong Kong

### THE COLLEGE OF ENGINEERING

*The Degree of Bachelor of Architecture on:*

Patrick Brockman, Fort Madison, Iowa



*The Degree of Bachelor of Science in Mechanical Engineering on:*  
Robert Paul Bixby, Pittsburgh, Pennsylvania

**THE COLLEGE OF BUSINESS ADMINISTRATION**

*The Degree of Bachelor of Business Administration on:*  
Michael Caran Brophy, Medford, Oregon

### America, The Beautiful

O beautiful for spacious skies,  
For amber waves of grain  
For purple mountain majesties  
Above the fruited plain.  
America! America!  
God shed His grace on thee,  
And crowned thy good with brotherhood  
From sea to shining sea.

### 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  
128th Annual Commencement  
Summer 1973  
UNIVERSITY OF NOTRE DAME  
*Friday, August 10*

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:  
Rev. Thomas McNally, C.S.C.  
Associate Director of Campus Ministry  
University of Notre Dame

Concelebrants:

Priests who will receive degrees at the Commence-  
ment Exercises

Homilist:

Reverend Marvin R. O'Connell, Ph.D.  
Associate Professor of History  
University of Notre Dame

COMMENCEMENT EXERCISES

- 10:15 a.m. Graduates assemble in Athletic & Convocation  
Center North Dome
- 10:45 a.m. Academic Procession begins
- 11:00 a.m. Commencement Exercises—Conferring of  
Degrees—Athletic & Convocation Center—  
Concourse

Commencement Address:

Richard Sullivan  
Professor of English  
University of Notre Dame

(Guests are requested to please be seated in Athletic and Convocation  
Center no later than 10:45 a.m.—Use Gates 1-2—Please do not use  
Gate 3 which is reserved for the entrance of Graduates)