

# Events of the Day

### Friday, August 4, 1978

#### BACCALAUREATE MASS

- 8:35 a.m. Graduates assemble in Administration Building, Main Floor, for Academic Procession to Sacred Heart Church
- 8:50 a.m. Academic Procession departs for Sacred Heart Church
- 9:00 a.m. Concelebrated Baccalaureate Mass-Sacred Heart Church Principal Celebrant:

Rev. Ferdinand L. Brown, C.S.C., Ph.D. Acting Provost of the University

Concelebrants:

Priests who will receive degrees at the August Commencement Exercises Homilist:

Rev. James F. Flanigan, C.S.C., M.F.A. Chairman and Associate Professor of Art

University of Notre Dame

### COMMENCEMENT EXERCISES — CONFERRING OF DEGREES

10:20 a.m. Graduates assemble in Athletic and Convocation Center Auxiliary Gym located between Gates 1 and 2

10:50 a.m. Academic Procession begins

11:00 a.m. Commencement Exercises — Conferring of Degrees — Athletic and Convocation Center, Concourse

Commencement Address:

Elizabeth A. Christman, Ph.D. Associate Professor of American Studies

University of Notre Dame

(Guests are requested to please be seated on the Concourse in Athletic and Convocation Center no later than 10:50 a.m.)

Baccalaureate Mass

Sacred Heart Church University of Notre Dame Notre Dame, Indiana At 9 a.m. (Eastern Standard Time) Friday, August 4, 1978

Principal Celebrant: Rev. Ferdinand L. Brown, C.S.C., Acting Provost University of Notre Dame Concelebrants: Priests who will receive degrees at the August Commencement Exercises Homilist: Rev. James F. Flanigan, C.S.C., Chairman and Associate Professor of Art University of Notre Dame

# BACCALAUREATE MASS

# Opening Rites

### PRELUDE

### ENTRANCE HYMN

Alleluia! Sing to Jesus

text: Dix tune: Hyfrydol

1. Al-le-lu- ia! sing to Je - sus! His the scep-ter, 2. Al-le-lu- ia! not as or - phans Are we left in 3. Al-le-lu- ia! Bread of an - gels, Thou on earth our 4. Al-le-lu- ia! King e-ter-nal, Thee the Lord of
freed . Jon on pole of pole
his the throne; Al-le-lu - ia! his the tri - umph, His the vic- sor - row now; Al-le-lu - ia! He is near us, Faith be-lieves food, our stay; Al-le-lu - ia! here the sin - ful Flee to thee lords we own; Al-le-lu - ia! born of Mar - y, Earth thy foot-
for an property
to - ry a - lone: Hark! the songs of peace-ful Si - on Thun - nor questions how: Though the cloud from sight re-ceived him, When from day to day: In - ter- ces - sor, friend of sin-ners, Earth's stool, heav'n thy throne: Thou with-in the veil hast en-tered, Robed
der like a might- y flood; Je - sus, out of the ior - ty days were o'er Shall our hearts for - Re - deem - er, plead for me, Where the songs of in flesh, our great High Priest; Thou on earth both
ev - 'ry na - tion Hath re - deemed us by his Blood. get his prom - ise, "I am with you ev - er - more"? all the sin - less Sweep a - cross the crys-tal sea. Priest and Vic - tim In the Eu - cha - ris - tic feast.

### GREETING

**GLORIA** 



**OPENING PRAYER** 



FIRST READING

Jeremiah 26:1-9

Psalm 23

**RESPONSORIAL PSALM** 



GOSPEL ACCLAMATION



GOSPEL

Matthew 13:54-58

HOMILY

PRAYER OF THE FAITHFUL





# THE LITURGY OF THE EUCHARIST

### PREPARATION OF THE GIFTS

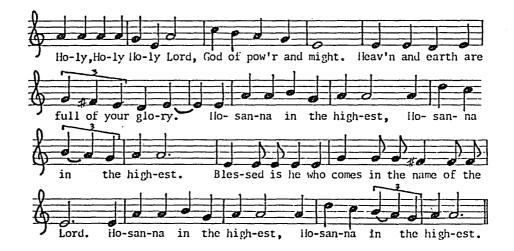
### INVITATION TO PRAYER & PRAYER OVER THE GIFTS

Eucharistic Prayer

INTRODUCTORY DIALOGUE

PREFACE

SANCTUS



### MEMORIAL ACCLAMATION



GREAT AMEN

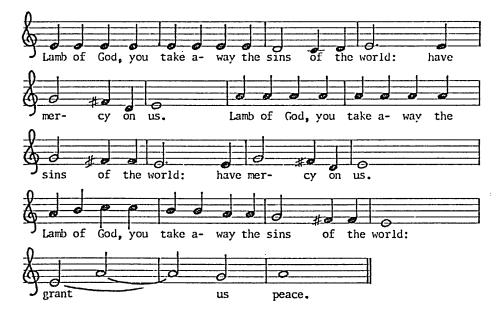


# Communion Rite

### LORD'S PRAYER

### SIGN OF PEACE

BREAKING OF THE BREAD + LAMB OF GOD



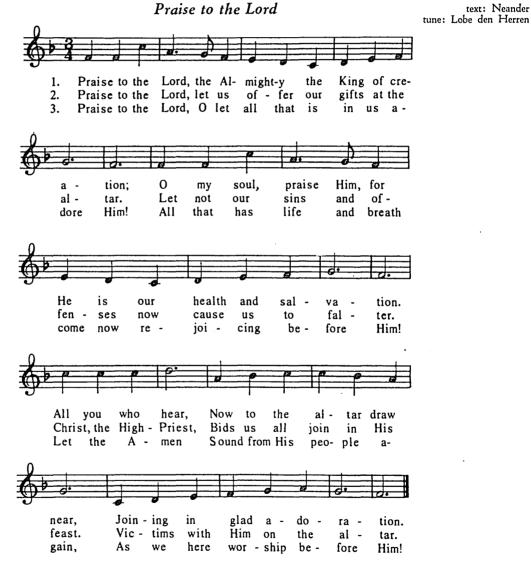
### **RECEPTION OF COMMUNION**

### POSTCOMMUNION PRAYER

# Closing Rite

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### BLESSING DISMISSAL CLOSING HYMN



### POSTLUDE

The musical setting for this Mass is the Sacred Heart Mass, published by G.I.A., Inc., 7404 S. Mason, Chicago, Illinois. The composer is David Clark Isele, Assistant Professor of Music.

Musical Director: David Clark Isele

# One Hundred Thirty-Third Commencement Exercises

The Graduate School The College of Arts and Letters The College of Science The College of Engineering The College of Business Administration

Athletic and Convocation Center (Concourse) University of Notre Dame Notre Dame, Indiana At 11 a.m. (Eastern Standard Time) Friday, August 4, 1978



# Order of the Exercises

Processional

America, the Beautiful — Ensemble and Audience 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 crown thy good with brotherhood From sea to shining sea.

#### Presentation of Candidates for Degrees

by Chau T. M. Le, PhD. Assistant Vice President for Advanced Studies: Instruction

by Robert E. Burns, Ph.D. Associate Dean, College of Arts and Letters

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

by Ettore A. Peretti, Sc.D. Assistant Dean of the College of Engineering

by William P. Sexton, Ph.D. Acting Director of the Master of Science in Administration Program The Conferring of Degrees by the Reverend Ferdinand L. Brown, C.S.C., Ph.D. Acting Provost of the University

Commencement Address Elizabeth A. Christman, Ph.D. Associate Professor of American Studies

Closing Remarks The Acting Provost of the University

Notre Dame, Our Mother—Ensemble and Audience 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.

Recessional of the Platform Party

### In the Graduate School

THE UNIVERSITY OF NOTRE DAME CONFERS THE FOLLOWING DEGREES IN COURSE:

THE DEGREE OF DOCTOR OF PHILOSOPHY ON:

- James Edward Alleman, South Bend, Indiana Major subject: Civil Engineering. Dissertation: Nitrogen Removal from Wastewater Using Sequencing Batch Reactors. Director: Dr. Robert L. Irvine.
- John Charles Cavanaugh, Wilmington, Delaware Major subject: Psychology. Dissertation: Development of the Metamemory-Memory Behavior Connection. Director: Dr. John G. Borkowski.
- Sham Yuen Chan, Hong Kong Major subject: Microbiology. Dissertation: An Oncolytic Lipoprotein in the Serums of Pregnant Rats. Director: Dr. Morris Pollard.
- Andrew Dominic Ciferni, Paoli, Pennsylvania
  Major subject: Theology. Dissertation: The
  Post-Vatican II Discussion of the So-called Praemonstratensian Rite: A Question of Liturgical
  Pluriformity. Director: Dr. William Storey.
- Robert Wheeler Dennis, Garden City, New York Major subject: Civil Engineering. Dissertation: A Dynamic Mathematical Model of Bacterial Growth — Application to Sequencing Batch Biological Reactors. Director: Dr. Robert L. Irvine.
- Thomas Vincent Giel, Jr., Gibsonia, Pennsylvania Major subject: Mechanical Engineering. Dissertation: Studies of Statistical Bias in Turbulent Flow Parameters Measured with a Laser Velocimeter. Director: Dr. Thomas J. Mueller.
- Gary Homer Gutchess, Cortland, New York Major subject: English. Dissertation: Early English Life-Story Drama. Director: Dr. Robert J. Lordi.
- Bernard Joseph Hammes, LaCrosse, Wisconsin Major subject: Philosophy. Dissertation: The Views of Scientific Change and Their Evaluation: An Epistemological Approach. Director: Dr. Gary Gutting.
- Kenneth J. Kinslow, Philadelphia, Pennsylvania Major subject: English. Dissertation: Quaker Doctrines and Ideas in the Novels of Charles Brockden Brown. Director: Dr. Thomas Werge.

Rev. Thomas Joseph Madden, S.J., New Orleans, Louisiana

Major subject: Theology. Dissertation: Kingdom and Community: The Eschatological Preaching as Interpreted by Père Marie-Joseph Lagrange. Director: Dr. Francis Fiorenza.

- Alberto G. Mata, Jr., Lawton, Oklahoma Major subject: Sociology and Anthropology. Dissertation: The Drug Street Scene: An Ethnographic Study of Mexican Youth in South Chicago. Director: Dr. Julian Samora.
- Rev. Nathan D. Mitchell, O.S.B., St. Meinrad, Indiana

Major subject: Theology. Dissertation: Church, Eucharist, and Liturgical Reform at Mercersburg: 1843-1857. Director: Dr. William Storey.

- Donald Richard Morton, Portland, Oregon Major subject: Sociology and Anthropology. Dissertation: Some Theoretical Concepts Important to Probation Success. Director: Dr. Clagett G. Smith.
- Alven Michael Neiman, Akron, Ohio Major subject: Philosophy. Dissertation: Augustine: Skepticism's Philosophy. Director: Rev. David Burrell, C.S.C.
- Carmo Joseph Pereira, Goa, India
  Major subject: Chemical Engineering. Dissertation: Mcdeling of the Catalytic Converter for
  Automotive Exhaust Gas. Co-Directors: Dr.
  Arvind Varma and Dr. James J. Carberry.
- Susan H. Ratwik, St. Paul, Minnesota Major subject: Psychology. Dissertation: A Comparison of Mothers' Speech to Normal and Down's Syndrome Children. Director: Dr. Ellen Bouchard Ryan.
- Richard Otto Richter, Livingston, New Jersey Major subject: Civil Engineering. Dissertation: Chemical Speciation of Fly Ash Pond Leachate in the Underlying Soil/Water System with Emphasis on the Adsorption of Nickel by Oxides. Director: Dr. Thomas L. Theis.
- Anthony Joseph Rollin, Missoula, Montana Major subject: Chemistry. Dissertation: Reactions of *a*-Keto Triflates and Related Derivatives of *a*-Hydroxy Ketones. Director: Dr. Xavier Creary.

- Teresa Luisa Santa Coloma, Miramar, Florida
  Major subject: Mathematics. Dissertation:
  Monomial Characters: Some Important Subgroup Series. Director: Dr. Karl M. Kronstein.
- Fernando Segovia, New York, New York Major subject: Theology. Dissertation: Agape and Agapon in First John and in the Fourth Gospel. Director: Dr. Elisabeth Fiorenza.
- Donald Henry Shepherd, Nutter Fort, West Virginia Major subject: Psychology. Dissertation: Judgment of Similar and Dissimilar Actors and Recipients with Beneficial or Harmful Action. Director: Dr. Richard Sebastian.
- Thomas A. Sudkamp, Beloit, Wisconsin Major subject: Mathematics. Dissertation: Algebras of n-ary Relations. Director: Dr. Boleslaw Sobocinski.
- Jerald Theodore Wallulis, Oregon City, Oregon Major subject: Philosophy. Dissertation: Jürgen Habermas and Psychoanalysis: Working Through Knowledge and Human Interests. Director: Dr. Gary Gutting.

# THE DEGREE OF MASTER OF THEOLOGY ON:

John Joseph Tyminski, Wilkes-Barre, Pennsylvania

THE DEGREE OF MASTER OF FINE ARTS ON:

Richard Owen Crumpacker, South Bend, Indiana Michael Lee Kitkowski, Osceola, Indiana

### THE DEGREE OF MASTER OF ARTS ON:

- William Thaddeus Avila, San Antonio, Texas Major subject: Economics.
- Richard William Barnett, Los Angeles, California Major subject: Government and International Studies.
- Joseph Alden Bassett, Chestnut Hill, Massachusetts Major subject: Theology (Liturgy).

Frances Louise Benlein, Toledo, Ohio Major subject: Theology (Liturgy).

Sister Susan A. Berger, Bismarck, North Dakota Major subject: Communication Arts.

Melissa Jane Bohl, Elgin, Illinois Major subject: Music. Thesis: Erik Satie. Director: Dr. Eugene J. Leahy.

- Robert Paul Boudrow, Lynn, Massachusetts Major subject: Psychology.
- Timothy Francis Bourret, West Hartford, Connecticut

Major subject: Communication Arts.

Mary Theresa Brown, Miami, Florida Major subject: Communication Arts.

Mary Lou Buyakie, Toledo, Ohio Major subject: Theology (Liturgy).

Brother Patrick G. Campbell, O.S.F., Brooklyn, New York

Major subject: English.

- Trudee Capehart Christensen, LaPorte, Indiana Major subject: English.
- Sue Ann Marie Clemens, Pulaski, New York Major subject: Psychology.
- Jamie Temple Daley, South Bend, Indiana Major subject: English.
- Elise Marie Davidson, Madison, Wisconsin Major subject: Government and International Studies.

- Carl Albert Dehne, St. Louis, Missouri Major subject: Theology.
- Mary Linda DePrisco, Fort Wayne, Indiana Major subject: Art.
- Nancy Ann Devaney, Elkhart, Indiana Major subject: Art.
- Sister Marie Michelle Emmerich, S.S.N.D., St. Louis, Missouri
  - Major subject: Communication Arts.
- Paul William Faber, Grand Rapids, Michigan Major subject: Philosophy.
- Kathleen B. Fatton, Port-Au-Prince, Haiti Major subject: English.
- Kimberley Anne Franke, Niagara Falls, New York Major subject: Theology.
- Ralph Sumner Gilpatrick, Jr., Lubec, Maine Major subject: Psychology.
- Philip J. Grutzmacher, Philadelphia, Pennsylvania Major subject: Economics.
- Mary Virginia Guillet, Bay Shore, New York Major subject: Psychology.
- Meredith Joan Guyot, North Attleboro, Massachusetts

Major subject: History.

- Carol Louise Haanen, O.S.F., Green Bay, Wisconsin Major subject: Theology (Liturgy).
- Kathy Edwards Hanson, New Philadelphia, Ohio Major subject: Psychology.
- Robert Hasenkamp, Leavenworth, Kansas Major subject: Theology (Liturgy).
- Robert Montgomery Hawthorne, Jr., Michigan City, Indiana

Major subject: History and Philosophy of Science. Thesis: Frederick Wöhler and the Professionalization of Chemistry in Nineteenth Century Germany. Director: Dr. Phillip R. Sloan.

- Melody Susanne Hoebeke, Alliance, Ohio Major subject: Government and International Studies.
- Sister Shelley Ann Hogan, S.S.N.D., Quincy, Illinois Major subject: English.
- Richard P. Humbrecht, South Bend, Indiana Major subject: Theology (Liturgy).
- Lynn Elizabeth Ianni, Batavia, New York Major subject: Psychology.
- Jan Michael Joncas, Minneapolis, Minnesota Major subject: Theology (Liturgy).

- Kenneth Willard Keiser, LaPorte, Indiana Major subject: Psychology.
- Thomas Michael Knadig, York, Pennsylvania Major subject: Theology (Liturgy).
- Charles John Kociolek, Notre Dame, Indiana Major subject: Theology.
- Sister Karen Ann Kovac, O.S.U., Cleveland, Ohio Major subject: English.
- Irene L. Leahy, South Bend, Indiana Major subject: Psychology.
- Steven Edward Leahy, Royal Oak, Michigan Major subject: English.
- John Emmett Leonard, Richmond, Virginia Major subject: Theology (Liturgy).
- Janie Sue Little, Rantoul, Illinois Major subject: Government and International Studies.
- Enid Alison Lockwood, Nassau, Bahamas Major subject: Art.
- Robert William Lozinski, C.S.C., North Easton, Massachusetts

Major subject: Theology (Liturgy).

- Mark Michael MacCarthy, South Bend, Indiana Major subject: Economics. Thesis: The Impact of Income Maintenance Programs on Labor Supply. Director: Dr. Lawrence C. Marsh.
- Sister Una Monica McGovern, Lakeworth, Florida Major subject: Theology (Liturgy).
- John Michael McMahon, Newark, Delaware Major subject: Theology (Liturgy).
- Paul Stephen Mitro, Idaho Falls, Idaho Major subject: Government and International Studies.
- Roberta Noack Murphy, St. Paul, Minnesota Major subject: Communication Arts.
- Barbara Joan Newman, Saginaw, Michigan Major subject: Communication Arts.
- Jessie Lee Pérez, Salida, Colorado Major subject: Theology (Liturgy).
- William Anthony Phelan, Merrick, New York Major subject: Government and International Studies.

- Vincent M. Phillips, South Bend, Indiana Major subject: Government and International Studies.
- Kenneth Rex Richards, Kingsford Heights, Indiana Major subject: Psychology.
- William Alden Riegel, Toronto, Ontario, Canada Major subject: Theology (Liturgy).
- Ellen Stacey Rocheleau, Chicago, Illinois Major subject: Psychology.
- Anne Caroline Root, Hampshire, England Major subject: English.
- Rev. Paul Rouse, Boston, Massachusetts Major subject: Theology (Liturgy).
- Randy Paul Roux, New Orleans, Louisiana Major subject: Theology (Liturgy).
- Gregory Christopher Ryan, Brooklyn, New York Major subject: Modern and Classical Languages (Spanish).
- John Frederick Salveson, East Norwich, New York Major subject: Psychology.
- Rev. Paul Robert Sanchez, Brooklyn, New York Major subject: Theology (Liturgy).
- Rev. Louis R. Schmidt, Bellevue, Kentucky Major subject: Theology (Liturgy).
- Lawrence Francis Schoelch, St. Louis, Missouri Major subject: Philosophy.
- Quintin Paul Seadler, Brooklyn, New York Major subject: History.
- Dominic Edward Serra, Yonkers, New York Major subject: Theology (Liturgy). Thesis: The Scrutinies of the Elect in the Church at Rome. Director: Dr. Leonel Mitchell.
- Pamela Anne Sheridan, Evanston, Illinois Major subject: English.
- Joan Mary Shurmanek, Lockport, New York Major subject: History.
- Robert Brown Sidner, Jr., St. Meinrad, Indiana Major subject: Theology (Liturgy).
- A. Barry Skurkis, Westmont, Illinois Major subject: Art.
- Raymond W. Smart, Pottstown, Pennsylvania Major subject: Theology (Liturgy).
- Michael Andrew Smith, C.S.C., West Haven, Connecticut
  - Major subject: Communication Arts.

- Dianne Marie Sproule, Oak Lawn, Illinois Major subject: Communication Arts.
- Francine Chloe Stodt, West Burlington, Iowa Major subject: Theology (Liturgy).

Paul Stscherban, Mishawaka, Indiana Major subject: Government and International Studies.

- James Edward Swift, C. M., Lemont, Illinois Major subject: Theology (Liturgy).
- Rev. Robert Anthony Torres, Little Rock, Arkansas Major subject: Theology (Liturgy).
- Steven Paul Walter, Cincinnati, Ohio Major subject: Theology (Liturgy).
- Katherine Louise Ward, South Bend, Indiana Major subject: Theology (Liturgy).
- Sr. Mary Marcella Anne Wendzikowski, C.S.S.F., Buffalo, New York
  - Major subject: Communication Arts.
- Bro. A. Edward Wesley, O.S.F., Brooklyn, New York Major subject: English.
- Rachel Agnes Willis, Riverside, California Major subject: Economics.
- Patricia Ann Wilson, Jackson Heights, New York Major subject: Theologý (Liturgy).
- Joseph Michael Wolczyk, Auburn, New York Major subject: Government and International Studies.

THE DEGREE OF MASTER OF MUSIC ON: Charles Christian Rich, Vincennes, Indiana

THE DEGREE OF MASTER OF SCIENCE ON:

William James Crooks, IV, Clinton, New Jersey Major subject: Biology.

Robert Alan Czarkowski, Morton Grove, Illinois Major subject: Microbiology.

- William Charles Grant, Little Rock, Arkansas Major subject: Physics.
- Sue Ann Keller, Granger, Indiana Major subject: Microbiology.
- Michael Frank Kuharski, Monona, Wisconsin Major subject: Mathematics.
- Douglas Allen Norris, Canton Township, Michigan Major subject: Mathematics.
- William James Roe, McCook, Nebraska Major subject: Chemistry.
- John Anthony Sellick, Jr., Peekskill, New York Major subject: Microbiology.

# THE DEGREE OF MASTER OF SCIENCE IN AEROSPACE ENGINEERING ON:

- Anthony Vincent Arena, Absecon, New Jersey Thesis: An Experimental Investigation of the Leading Edge Separation Bubble on a Cylindrical Leading Edge-Constant Thickness Airfoil. Director: Dr. Thomas J. Mueller.
- Robert Joseph Dieckelman, Elm Grove, Wisconsin Thesis: Flutter Analysis of a Single Degree of Freedom Airfoil System Undergoing a Pitching Oscillation. Director: Dr. Hafiz Atassi.

THE DEGREE OF MASTER OF SCIENCE IN CHEMICAL ENGINEERING ON:

Nirmal Tunwal, Ajmer, India

THE DEGREE OF MASTER OF SCIENCE IN CIVIL ENGINEERING ON:

Francis Anthony Aiello, Wheaton, Illinois

Eduardo Adolfo Fierro, Lima, Peru

Juan Carlos Inchauste, LaPaz, Bolivia, South America

# THE DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING ON:

Zerksis Dhunjisha Umrigar, Bombay, India Thesis: A Multi-Computer System for Resource Sharing. Director: Dr. David L. Cohn.

V. Visvanathan, Madras, India Thesis: Sequentially Linear Fault Diagnosis. Director: Dr. Ruey-wen Liu.

# THE DEGREE OF MASTER OF SCIENCE IN ENGINEERING SCIENCE ON:

Gregory Edwin Muleski, Kansas City, Missouri

THE DEGREE OF MASTER OF SCIENCE IN ADMINISTRATION ON:

- Georgie Blaeser, R.S.C.J., Lake Forest, Illinois
- Thomas Clement Brenner, South Bend, Indiana
- Kathleen Marie Buschman, Menlo Park, California
- Anne Frances Byrne, R.S.C.J., Bloomfield Hills, Michigan
- Sister Mary Peter Chiodo, A.S.C., Columbia, Pennsylvania
- Kathleen Therese Conan, R.S.C.J., Birmingham, Michigan
- Sr. Helene Marie Dubeau, Berlin, New Hampshire
- Richard Bogart Feigenbaum, O.S.F.S., Niagara Falls, New York
- Sister Therese Forgette, S.S.A., Dorval, Quebec
- Liliana Gonzalez, Miami, Florida
- Sister Marie Hartmann, R.S.M., Hamilton, Ohio
- Mary Veronica Herbst, R.S.M., Albany, New York Eleanor Virginia Holland, I.B.V.M., Chicago,
- Illinois
- Anthony Michael Iazzetti, F.M.S., Chicago, Illinois
- Joan Inglis, R.S.C.J., Bethesda, Maryland
- Sister Carol Marie Kowalski, Omaha, Nebraska
- Mary Lucina Kozeny, Omaha, Nebraska
- Catherine Ann Lacey, R.S.C.J., Omaha, Nebraska
- Sister Madeleine E. Lanoue, S.S.A., Marlboro, Massachusetts
- Hugh J. McCabe, Riverside, Connecticut
- Evelyn Louise Meditz, Joliet, Illinois
- William Albert Melton, Jr., Danville, Kentucky
- Sister Shirley Ann Miller, R.S.C.J., Omaha, Nebraska
- Sister Mary Florentine Myjak, C.S.S.F., Enfield, Connecticut
- Sister Marilyn Claire Pierson, St. Catharine, Kentucky
- Sister Francis Xavier Porter, O.S.U., St. Marys, Alaska
- John Michael Reid, South Bend, Indiana
- Rev. James Louis Riehle, C.S.C., Notre Dame, Indiana
- Sister Mary Edith St. Jean, C.S.S.F., Enfield, Connecticut

Lloyd Vernon Smith, Moorhead, Minnesota

Sister Loreda Steinman, S.S.M., St. Louis, Missouri

Janet J. Underwood, Chicago, Illinois

Michael E. Unsworth, South Bend, Indiana

- Sister Barbara J. Walkley, O.P., Grand Rapids, Michigan
- Sister Paulette Rose Williams, R.S.M., Charlotte, North Carolina

Julia Tukai Zvobgo, Zimbabwe, Rhodesia

# The College of Arts And Letters

THE DEGREE OF BACHELOR OF ARTS:

Robin Lynn Ackaway, Virginia Beach, Virginia John Michael Cahill, Jr., Agawam, Massachusetts Mary Ann Chambers, South Euclid, Ohio Adrian Delano Dantley, Washington, D.C. Robert Bryce Farnham, Jr., San Diego, California Carlos Erasmo Ernesto Gutierrez, Milwaukee, Wisconsin

Thomas Hammons, Erie, Pennsylvania Clyde Ellis Iverson, Jr., New Orleans, Louisiana Matthew Floyd Kane, Park Ridge, Illinois Robert Brian Murphy, Milwaukee, Wisconsin Michael Anthony Nutz, New Castle, Pennsylvania Paul Frederick Schmitt, White Plains, New York Michael Severin Sparks, South Bend, Indiana Bradford Hugh Trenary, C.S.C., Minneapolis, Minnesota

William A. Weiler, Pittsburgh, Pennsylvania

## The College of Science

THE DEGREE OF BACHELOR OF SCIENCE: Lonnie Lynn Luna, El Paso, Texas

# The College of Engineering

THE DEGREE OF BACHELOR OF ARCHITECTURE:

Monica I. Echavarria Uribe, Medellin, Colombia, South America

Prudence Ann Pyn, Belle Harbor, New York

THE DEGREE OF BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING: Anthony Frank Scolaro, Park Ridge, Illinois

THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING: Joseph David Bush, Bettendorf, Iowa

THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING: Thomas Paul Weber, Evanston, Illinois

THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING: Timothy Joseph Gallagher, Overland Park, Kansas

# The College of Business Administration

# THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

Mark Allan Bletsh, Preston, Maryland Christopher Robert Clark, Birmingham, Michigan Michael Anthony Geers, Burlington, Wisconsin Riki Mitsuo Ichiho, *With Honors*, Montebello, California Danny Chavez Knott, Chowchilla, California Michael William McArdle, Pittsburgh, Pennsylvania Michael John Willis McCahey, Shaker Heights, Ohio Joseph Alexander Pirus, Toronto, Ontario, Canada Christopher John Ryan, Webster, New York Lawrence Richard Sass, Pittsford, New York James John Tucci, *With Highest Honors*, Pittsburgh, Pennsylvania

George Matthew Wlochowski, South Bend, Indiana Stanley George Ziherl, Jr., Lyndhurst, Ohio

#### The Academic Costume Code

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

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

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

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

HOODS: Black in all cases. For the Master's it is three and one-half feet long and closed at the end. The Doctor's hood is four feet long with panels at the sides. All hoods are lined with the official color or colors of the college or university which conferred the highest degree. The edging of the hood is velvet and three inches and five inches in width for the Master's and Doctor's degrees, respectively, while its color is distinctive of the subject field. CAPS: Black cotton and stiffened into the so-called mortarboard style. Each cap has a long tassel fastened to the middle point of the top of the cap. The tassel color denotes the subject field. The Doctor's cap may have a tassel of gold thread. University administrators may also have a tassel of gold thread.

Subject Field Colors Used on Hoods and Caps

Arts and LettersWhite	
Business Administration and Accountancy	
Sapphire Blue	
EconomicsCopper	
EducationLight Blue	
EngineeringOrange	
Fine Arts including ArchitectureBrown	
LawPurple	
Library ScienceLemon Yellow	
MusicPink	
PhilosophyDark Blue	
Physical EducationSage Green	
ScienceGolden Yellow	
TheologyScarlet	
HumanitiesCrimson	

Blue and Gold in Hood Denotes a Notre Dame Degree

