

The University of Notre Dame  
1975 Commencement Weekend  
August 8



OFFICIAL

*EVENTS OF THE DAY*

*Friday, August 8, 1975*

BACCALAUREATE MASS

8:30 a.m. Graduates 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. James T. Burtchaell, C.S.C., S.S.L.,  
Ph.D.  
Provost of the University  
University of Notre Dame

Concelebrants:  
Priests who will receive degrees at the Commencement Exercises as well as priest members of the faculty

Homilist:  
Rev. Paul E. Beichner, C.S.C., Ph.D.  
Professor of English and Mediaeval Studies  
University of Notre Dame

COMMENCEMENT EXERCISES

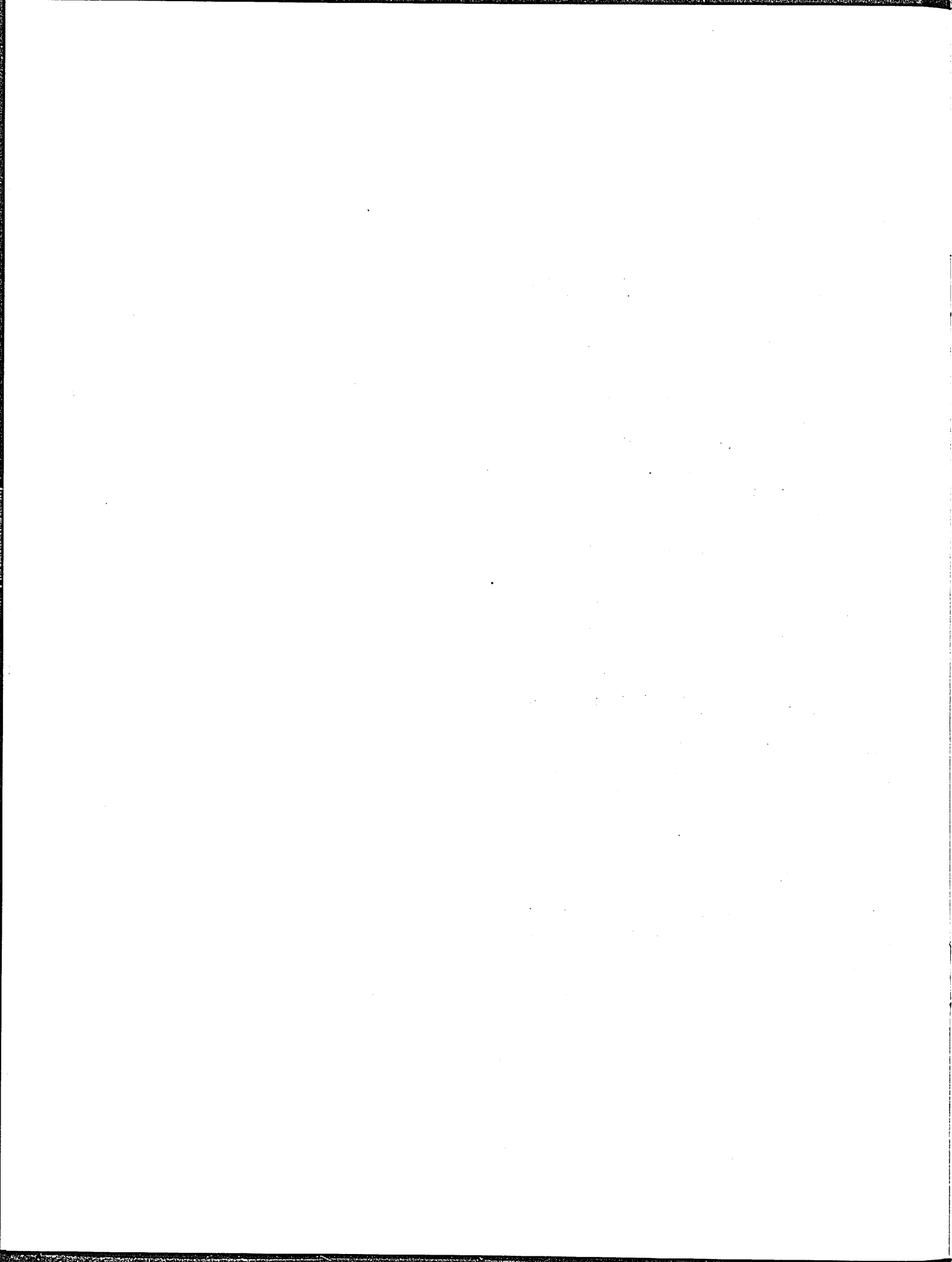
10:15 a.m. Graduates assemble in Athletic & Convocation Center Auxiliary Gym

10:45 a.m. Academic Procession begins

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

Commencement Address:  
Thomas J. Stritch,  
Professor, American Studies Program  
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.)



# Baccalaureate Mass

Sacred Heart Church  
University of Notre Dame  
Notre Dame, Indiana  
At 9 a.m. (Eastern Standard Time)  
Friday, August 8, 1975



*Principal Celebrant:*

Rev. James T. Burtchaell, C.S.C., Provost  
University of Notre Dame

*Concelebrants:*

Priests who will receive degrees at the  
August Commencement Exercises

*Homilist:*

Rev. Paul E. Beichner, C.S.C.,  
Professor of English and Mediaeval Studies  
University of Notre Dame

*Musical Director:*

Prof. David Clark Isele

# The One Hundred and Thirtieth Commencement Exercises

The Graduate School  
The Law 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 and Convocation Center  
Concourse  
University of Notre Dame  
Notre Dame, Indiana  
At 11 a.m. (Eastern Standard Time)  
Friday, August 8, 1975



# 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 John J. FitzGerald, Ph.D.  
Assistant Vice President for Advanced Studies:  
Graduate Instruction

by David T. Link, J.D.  
Dean of the Law School

by Frederick J. Crosson, Ph.D.  
Dean of the 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 John R. Malone, Ph.D.  
Associate Dean of the  
College of Business Administration

### The Conferring of Degrees

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

### Commencement Address

by Thomas J. Stritch,  
Professor, American Studies  
University of Notre Dame

### Closing Remarks

by the Reverend James T. Burtchaell, C.S.C.,  
S.S.L., Ph.D.  
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

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

## In the Graduate School

THE DEGREE OF DOCTOR OF  
PHILOSOPHY ON:

- Burhan Mohamed Al-Ajouz, Beirut, Lebanon  
Major subject: Government and International Studies. Dissertation: Arab Nationalism and Lebanese Particularism in the Foreign Policy of Lebanon. Director: Dr. James Kritzeck.
- Joseph David Bankston, Jr., Ponchatoula, Louisiana  
Major subject: Mechanical Engineering. Dissertation: Analytical Study of Radiation-Convection Interaction of Absorbing-Emitting Fluids in Non-Similar Natural Convection Boundary Layer Flow. Director: Dr. John R. Lloyd.
- Evan Harold Bergwall, Jr., Jackson, Mississippi  
Major subject: Education. Dissertation: The Effects of Personality Adjustment on Vocational Maturity in Eleventh Grade Adolescents. Director: Dr. Willis E. Bartlett.
- Guido Remo Carmassi, Auburn, New York  
Major subject: English. Dissertation: The Expanding Vision: Changes in Emphasis in William Morris' Late Prose Romances. Director: Dr. Eugene J. Brzenk.
- Frank Emmett Cooney, Lexington, Kentucky  
Major subject: Sociology and Anthropology. Dissertation: Alienation and Democratic Commitment: Paradox in Mexico. Director: Dr. Clagett Smith.
- David Martin Craig, Edinboro, Pennsylvania  
Major subject: English. Dissertation: A Study of Endings of Selected Nineteenth-Century Novels. Director: Dr. William J. Krier.
- Michael William Denty, Deer Lodge, Montana  
Major subject: Philosophy. Dissertation: Reminders of God: On the Uses of Argument in Religious Discourse. Director: Rev. David Burrell, C.S.C.
- Nicholas A. Detorie III, Baltimore, Maryland  
Major subject: Physics. Dissertation: Nuclear Structure Information for States in Krypton-85 from the  $^{84}\text{Kr}(d,p)$  and  $^{84}\text{Kr}(\vec{d},p)$  Reactions. Director: Dr. A. Andre Rollefson.
- Thomas Joseph Ferguson, Boston, Massachusetts  
Major subject: Mathematics. Dissertation: Splitting Fields for N-Groups. Director: Dr. Karl M. Kronstein.
- John Anthony Flynn, Detroit, Michigan  
Major subject: Education. Dissertation: Effective Leadership Styles for Catholic High Schools Under the Threat of Closing. Director: Dr. Richard H. Metzcus.
- Thomas Ernest Higgins, Au Sable Forks, New York  
Major subject: Civil Engineering. Dissertation: Precipitation and Coagulation of Phosphate by Iron (III). Director: Dr. Lloyd H. Ketchum, Jr.
- Hariharan Kalahasty Iyer, Bombay, India  
Major subject: Mathematics. Dissertation: A Characterisation of Some Orthogonal Simple Groups. Director: Dr. Warren J. Wong.
- James George Kowalski, Detroit, Michigan  
Major subject: Philosophy. Dissertation: Lesniewski's Ontology Extended with the Axiom of Choice. Director: Dr. Boleslaw Sobocinski.

- Robert L. Mahon, Washington, Missouri  
Major subject: English. Dissertation: The Use of Adam and Eden as Conventions in the American Western Novel of the Twentieth Century. Director: Dr. Ernest E. Sandeen.
- James Michael Mahoney, Georgetown, Massachusetts  
Major subject: Philosophy. Dissertation: The Ethics of Josiah Royce. Director: Dr. Cornelius P. Delaney.
- Robert Thomas Markel, Avondale, Pennsylvania  
Major subject: Government and International Studies. Dissertation: The Politics of Sugar in the U.S. Domestic and Foreign Affairs. Director: Dr. Michael Francis.
- James Michael McDonnell, Jr., Blasdell, New York  
Major subject: Education. Dissertation: Orestes A. Brownson and Nineteenth Century Catholic Education. Director: Dr. Vincent P. Lannie.
- Carlos Miguel Montufar, Quito, Ecuador  
Major subject: Physics. Dissertation: The Graviton-Electron Vertex and the  $f^0$  Meson Decay Width. Director: Dr. Paul C. DeCelles.
- Thomas J. Moorehead, Clifton, New Jersey  
Major subject: Chemistry. Dissertation: The Alkaline Decomposition of Disulfide Bonds in Oxidized Glutathione and Oxidized *N*-Acetylglutathions. Director: Dr. James P. Danehy.
- Jon Michael Nilson, Wilmette, Illinois  
Major subject: Theology. Dissertation: Hegel's *Phenomenology* and Lonergan's *Insight: A Comparison of Two Ways to Christianity*. Director: Rev. John S. Dunne, C.S.C.
- Ernest I. Nolan III, Center Line, Michigan  
Major subject: English. Dissertation: Beyond Realism: A Study of Time and Place in the Plays of David Storey. Director: Dr. James E. Robinson.
- Robert Thomas O'Gorman, St. Louis, Missouri  
Major subject: Education. Dissertation: Toward the Development of an Ideal Type Model of Analysis of Catholic Education. Director: Dr. Vincent P. Lannie.
- Gerald Walter O'Neil, Kalamazoo, Michigan  
Major subject: Education. Dissertation: Group Processes in Administrative Teams Facilitating Competence in Increasingly Complex Environments. Director: Dr. John O. Meany.
- Christine Elise Schanes, San Diego, California  
Major subject: Government and International Studies. Dissertation: The Extension of National Jurisdiction over the High Seas: Positions of Selected States Participating in the Second Committee of the Third United Nations Conference on the Law of the Sea, June 20-August 29, 1974. Director: Dr. Michael Francis.
- David Arthur Schauer, Jamestown, North Dakota  
Major subject: Economics. Dissertation: Equity and Revenue Implications of the Indiana Motor Vehicle Excise Tax in the Household Sector. Director: Thomas R. Swartz.
- Dennis Michael Scholl, Fairfield, California  
Major subject: Psychology. Dissertation: Development of Metalinguistic Performances in the Early School Years. Director: Dr. Ellen B. Ryan.
- Raymond George Sepeta, Notre Dame, Indiana  
Major subject: Mathematics. Dissertation: A Characterization of the Adjoint Chevalley Group of Type  $E_7$  over Fields of Odd Characteristic. Director: Dr. Kok-wee Phan.
- George Tsu-Rong Shiau, Taipei, Taiwan  
Major subject: Chemistry. Dissertation: A Spectroscopic Study and Normal Coordinate Analysis of the Lattice Vibrations of Crystalline Imidazole. Director: Rev. Joseph L. Walter, C.S.C.



James M. Sodetz, Homewood, Illinois  
Major subject: Chemistry. Dissertation: Structure and Activation of Rabbit Plasminogen.  
Director: Dr. Francis J. Castellino.

John Henry Stoll, Winona Lake, Indiana  
Major subject: Education. Dissertation: An Assessment of Conceptual Scriptural Knowledges of Evangelical Protestant Young People.  
Director: Dr. Morton Kelsey.

Ronald Louis Terranella, Scranton, Pennsylvania  
Major subject: English. Dissertation: The Relativism of William Wordsworth: A Genetic Epistemological Interpretation.  
Director: Dr. Eugene J. Brzenk.

Rodolfo Juventino Mora Vallejo, Veracruz, Mexico  
Major subject: Chemical Engineering. Dissertation: Effects of  $\gamma$  and X-Irradiation Upon Activity and Selectivity of a Supported Silver Catalyst in the Oxidation of Ethylene and Carbon Monoxide. Director: Dr. James J. Carberry.

Frank E. Vopat, Wilson, Kansas  
Major subject: Physics. Dissertation: Quasi-particle Interference Phenomena and Phonon Damping in Thick Superconducting Indium Films. Director: Dr. Walter J. Tomasch.

## In the Law School

### THE DEGREE OF JURIS DOCTOR ON:

John Jerome Frese, South Bend, Indiana  
A.B. Loyola College, 1958, M. Litt. Trinity College, 1962, Ph.D. University of Iowa, 1972

Mary Ellen Pelling Hulce, Naperville, Illinois  
B.A. Northwestern University, 1972 (G.D. July 21)

Dennis J. Mulshine, Toms River, New Jersey  
B.A. University of Notre Dame, 1971

Terry Clayton Shewmaker, Palatine, Illinois  
B.S. Indiana State, 1969

## In the Graduate School

### THE DEGREE OF MASTER OF FINE ARTS ON:

Robert Stanley Clarke, Lubbock, Texas

### THE DEGREE OF MASTER OF ARTS ON:

Anthony Michael Abowd, Farmington Hills, Michigan

Major subject: Economics.

William H. Allen, St. Louis, Missouri

Major subject: Liturgy.

Susan Ann Antonovitz, Highland, Indiana

Major subject: English.

Joseph Ray Atcher, Washington, D.C.

Major subject: Liturgy.

Donald C. Augustyn, Chicago, Illinois

Major subject: English. Thesis: *Shuffle the Deck*: Short Story Writing for High School Sophomores. Director: Dr. A. L. Soens.

Leo Leander Aulisio, Greenbelt, Maryland

Major subject: Philosophy.

Peter Francis Bagley, Brunswick, Canada

Major subject: Liturgy.

Mary Olivia Baranoska, Baltimore, Maryland

Major subject: Communication Arts.

James Francis Barry, Barrington, New Jersey

Major subject: Education.

Mary Francis Becker, S.S.J., Erie, Pennsylvania

Major subject: Art.

Robert Patrick Best, South Bend, Indiana

Major subject: Communication Arts.

Thomas David Brennan, Hoboken, New Jersey

Major subject: Government and International Studies.

Bonnie Carl Buice, Tucker, Georgia

Major subject: Theology.

Robert Allison Burnham, Jr., Gloucester, Massachusetts

Major subject: Education.

Lawrence P. Burns, Wilmette, Illinois

Major subject: Education.

Celine Carrigan, Atchison, Kansas

Major subject: English.

Nancy Jean Conard, Buchanan, Michigan

Major subject: Communication Arts.

Eileen Ann Concannon, Miami, Florida

Major subject: Sociology and Anthropology.

Patrick Michael Devine, Bridgewater, Massachusetts

Major subject: Education.

John Francis Donovan, Woburn, Massachusetts

Major subject: History.

Lynne Anne Douglass, South Bend, Indiana

Major subject: Sociology and Anthropology. Thesis: A Typology of Marijuana Use and Related Variables. Director: Dr. David L. Dodge.

Hari A. Dudani, Bombay, India

Major subject: Philosophy.

Nicholas A. Durso, Norwalk, Connecticut

Major subject: English.

Patricia Lee Egan, Detroit, Michigan

Major subject: Theology.

Maynard Robert Evers, Joliet, Illinois

Major subject: Modern and Classical Languages.

John Robert Farnell, Elkins Park, Pennsylvania

Major subject: Education.

Joann Gabel Ford, Levittown, Pennsylvania

Major subject: English.

Sister Kathleen Gallas, O.S.B., Cullman, Alabama

Major subject: Education.

Sandra LeVan Garvick, South Bend, Indiana

Major subject: Philosophy.

Kenneth Ray Gearhart, New Albany, Indiana

Major subject: English. Thesis: Teaching Rock Music as Visionary Literature. Director: Dr. Thomas Werge.

- Neil Lee Gilbert, South Bend, Indiana  
Major subject: Education.
- Catharine Ann Gleason, Ennis, Texas  
Major subject: English.
- Gregory John Glenn, Omaha, Nebraska  
Major subject: History.
- Sister Mary Eugene Goss, P.B.V.M., Dubuque, Iowa  
Major subject: Government and International Studies.
- Joseph Andrew Grieshaber, St. Louis, Missouri  
Major subject: Education.
- Sara Joan Groesch, Barrington, Illinois  
Major subject: Education.
- Joan Catherine Hartlaub, C.S.J., Cincinnati, Ohio  
Major subject: Theology.
- Beth Ann Hemminger, O.S.U., Toledo, Ohio  
Major subject: Theology.
- Linda Kay Henry, Syracuse, Indiana  
Major subject: English.
- Susan Foss Hoctor, Shrewsbury, Massachusetts  
Major subject: English.
- Marie Susanne Hoffman, Rochester, New York  
Major subject: History.
- Isaac Wilmer Hollinger, Goshen, Indiana  
Major subject: History.
- Joseph Francis Holthaus, Metuchen, New Jersey  
Major subject: English.
- Gregory John Hoppough, Washington, D.C.  
Major subject: Liturgy.
- Mary Claire Hudert, O.S.B., Bristow, Virginia  
Major subject: Theology.
- Debra Joel Jenkins, New Orleans, Louisiana  
Major subject: English.
- John Harold Bernard Kauss, South Bend, Indiana  
Major subject: Communication Arts.
- John Francis Kerrigan, Branford, Connecticut  
Major subject: Education.
- Jane Ellen Kestner, Syracuse, Indiana  
Major subject: Psychology. Thesis: Instructions to Remember and the Effect of Rote Rehearsal on Free Recall. Director: Dr. Donald Walter.
- Jerome Francis Knast, Merchantville, New Jersey  
Major subject: Psychology.
- Jean Krejci, Beech Grove, Indiana  
Major subject: Sociology and Anthropology.
- Mary Ann Kress, P.B.V.M., Dubuque, Iowa  
Major subject: Theology.
- Robert M. Laffey, Cumberland, Rhode Island  
Major subject: History.
- Donna Marie Letts, Havertown, Pennsylvania  
Major subject: Education.
- Robin Upjohn Ley, Englewood, New Jersey  
Major subject: Education.
- Mary Lynch, Corning, New York  
Major subject: Theology.
- Paul Thomas Mahoney, Denver, Colorado  
Major subject: American Studies.
- Gail M. Martin, South Bend, Indiana  
Major subject: English.
- James Paul Massart, Manitowoc, Wisconsin  
Major subject: English.
- Paul Robert Matwiy, Boca Raton, Florida  
Major subject: English.
- Patricia Haley McCaffery, South Bend, Indiana  
Major subject: Communication Arts.
- Patrick David McCool, Shawnee, Oklahoma  
Major subject: English.
- Mary Grace McCormack, V.H.M., St. Louis, Missouri  
Major subject: Education.
- Joseph A. McDonnell, Flushing, New York  
Major subject: Modern and Classical Languages.
- Philip Brendan McKiernan, Pearl River, New York  
Major subject: History and Philosophy of Science.
- Lillian Margaret McNamara, Bronx, New York  
Major subject: Art.
- Richard John McNamara, Benton Harbor, Michigan  
Major subject: English.

- Mary Kay Menard, Cedar Rapids, Iowa  
Major subject: American Studies.
- Cheryl Anne Menzel, Elkhart, Indiana  
Major subject: English.
- Judith Ann Merkle, S.N.D. deN., Cincinnati, Ohio  
Major subject: Education.
- Thomas Nelson Moe, Columbus, Ohio  
Major subject: Government and International Studies.
- Judith Jean Morr, Elkhart, Indiana  
Major subject: Art.
- Emanuel Andrew Mulé, New York, New York  
Major subject: Education.
- Margaret Mary Nau, Hammond, Indiana  
Major subject: Communication Arts.
- Beth Carlisle Nellist, Middlebury, Indiana  
Major subject: English.
- Sister Patricia Gail O'Connor, O.P., Columbus, Ohio  
Major subject: English.
- Robert William Olding, Hartland, Michigan  
Major subject: Education.
- Leon M. Olszamowski, Detroit, Michigan  
Major subject: Education.
- Mary Neary Osborn, Arlington Heights, Illinois  
Major subject: Communication Arts.
- John Robert Parillo, Youngstown, Ohio  
Major subject: Education.
- Thomas Charles Pearson, Findlay, Ohio  
Major subject: Liturgy.
- Lee Andrew Peavler, Jr., Harrodsburg, Kentucky  
Major subject: Communication Arts.
- Teresa Karen Phelps, South Bend, Indiana  
Major subject: English.
- Richard Karl Poetzel, Esopus, New York  
Major subject: Liturgy.
- Margaret Mary Quinlan, Carmichael, California  
Major subject: Communication Arts.
- Edward James Renier, Chicago, Illinois  
Major subject: Theology.
- Condoleezza Rice, Denver, Colorado  
Major subject: Government and International Studies.
- Pamela Kay Roberts, Anaheim, California  
Major subject: Psychology.
- Donald Wilfred Robidoux, New Bedford, Massachusetts  
Major subject: Sociology and Anthropology.
- Gloria Belle Roman, Nazareth, Michigan  
Major subject: History.
- Thomas Henry Rowland, El Paso, Texas  
Major subject: Liturgy.
- Michael Allan Rozewicz, South Bend, Indiana  
Major subject: Art.
- Robert Allen Rusiewski, Tamaroa, Illinois  
Major subject: Government and International Studies.
- Richard Thomas Ryan, Staten Island, New York  
Major subject: English.
- Mary Agnes Saffer, S.C., Cincinnati, Ohio  
Major subject: Liturgy.
- Fred B. Sagester, Milan, Indiana  
Major subject: English.
- Brother Joseph Adam Santo, C.S.C., Washington, D.C.  
Major subject: Modern and Classical Languages.
- Daniel Joseph Saracino, South Bend, Indiana  
Major subject: Education.
- Stuart Randall Sarton, Deerfield, Illinois  
Major subject: English.
- Robert Irvin Schieler, Philadelphia, Pennsylvania  
Major subject: History.
- Judith Ann Schluensen, Bronx, New York  
Major subject: Theology.
- Margaret Schulz, C.S.J., St. Louis, Missouri  
Major subject: History.
- Richard John Sharpe, Chicago, Illinois  
Major subject: Government and International Studies.

Robert Frederick Shea, Pittsburgh, Pennsylvania  
Major subject: Government and International Studies.

Susan Rae Sheeran, S.C., Bay City, Michigan  
Major subject: Communication Arts.

Mary Ann Simcoe, Palos Hills, Illinois  
Major subject: Liturgy.

John Francis Sinnwell, South Bend, Indiana  
Major subject: Theology.

Kathleen Elizabeth Skiba, South Bend, Indiana  
Major subject: English.

John Albert Slampak, Carpentersville, Illinois  
Major subject: Liturgy.

Gregory Francis Smith, O. Carm, Washington, D.C.  
Major subject: Liturgy.

Frank Sopato, Hialeah, Florida  
Major subject: Government and International Studies.

Frances Eugenia Stacey, S.P., Burbank, California  
Major subject: Theology.

Sally Ann Thomas, S.P., Fort Wayne, Indiana  
Major subject: Education.

Richard Lloyd Thompson, St. Louis, Missouri  
Major subject: American Studies.

James Dennis Tweddell, Berrien Springs, Michigan  
Major subject: Art.

Terry James Vander Heyden, South Bend, Indiana  
Major subject: Communication Arts.

James Vizza, Johnstown, Pennsylvania  
Major subject: English.

Richard Stephen Vosko, Albany, New York  
Major subject: Liturgy.

Joan Catherine Wagner, Buffalo, New York  
Major subject: Theology.

Agnes Claire Washinko, Hostetter, Pennsylvania  
Major subject: American Studies.

Michael Peter Weber, Galesburg, Illinois  
Major subject: Communication Arts.

Michael G. Winston, Muttontown, New York  
Major subject: Education.

Luke Wittmann, Yonkers, New York  
Major subject: Communication Arts.

Philip Kiyoshi Yasuhara, Honolulu, Hawaii  
Major subject: Government and International Studies.

Emily Millicent Yoder, Mishawaka, Indiana  
Major subject: English.

#### THE DEGREE OF MASTER OF MUSIC ON:

Claudia Calzetta, Hamden, Connecticut  
Aline Lucille Casillas, Hondo, Texas  
Charles L. Casillas, Hondo, Texas  
Patricia Jean Wilhelmsen, Mishawaka, Indiana

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

Margaret Mary Alandt, I.H.M., Monroe, Michigan  
Elizabeth Ann Buscher, Wilmette, Illinois  
John Anthony D'Antonio, Philadelphia, Pennsylvania  
Jane Ann Franzese, M.P.F., Morristown, New Jersey  
Thomas Patrick Hodgkiss, South Bend, Indiana  
Margaret Ann Huber, C.D.P., Pittsburgh, Pennsylvania

Harold Robert Jenks, Paducah, Kentucky  
Virginia D. Muller, S.S.N.D., Wilton, Connecticut  
Alfred Manuel Rodriguez, Bay St. Louis, Mississippi  
Anna Marlene Romano, C.N.D., Bronx, New York  
Miriam Schmitt, O.S.B., Bismark, North Dakota  
Sister M. Aline Schutter, O.S.F., Mishawaka Indiana

Marguerite Jean Stuart, C.S.J., New Orleans, Louisiana  
Raymond Paul Woods, Ottawa, Ohio

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

David Alan Buck, Wakarusa, Indiana  
Major subject: Mathematics.

Suzanne Deborah Fields, Norwood, New Jersey  
Major subject: Chemistry.

Carol Anne Jolly, Green Bay, Wisconsin  
Major subject: Biology.

Arthur R. Klingerman, Lakeville, Indiana  
Major subject: Mathematics.

Thomas Arthur Lindgren, Great Falls, Montana  
Major subject: Chemistry.

Frances Maher, Chicago, Illinois

Major subject: Mathematics.

Paul Leo Piciulo, Buffalo, New York

Major subject: Chemistry.

Carol Ann Pranskevich, Jersey City, New Jersey

Major subject: Chemistry. Thesis: Synthesis of Mannose and N-Acetylglucosamine Derivatives of Polyisoprenyl Phosphates in Yeast. Director: Dr. Roger K. Bretthauer.

Roger M. Schoenhardt, Buckley, Illinois

Major subject: Mathematics.

Frances Avaneil Seward, Mishawaka, Indiana

Major subject: Mathematics.

Christ Spiro Stoyanovich, Dearborn, Michigan

Major subject: Chemistry.

John Edgar Vander Weide, South Bend, Indiana

Major subject: Mathematics.

LaVern Rosaline Whisenton, St. Louis, Missouri

Major subject: Biology.

Daniel Anthony Zarate, Visalia, California

Major subject: Chemistry.

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

Braulio Antonio Lacson De Vera, Jr., Malabon, Rizal, Philippines

Jose Eunimio Falconett Fernandez, Panama City, Republic of Panama

Joseph John Furjanic, Jr., Steelton (Enhaut), Pennsylvania

Kim R. McClain, Westlake, Ohio

Carmo Joseph Pereira, Notre Dame, Indiana

Robert Stuart Schneider, Jr., Mount Lebanon, Pennsylvania

Carlos Victor Serrano Lobos, Cali, Colombia

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

Richard Lawrence White, Sterling Heights, Michigan

Michael John Sydlik, Natrona Heights, Pennsylvania

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

Michael Coffey, Dover, New Jersey

Thesis: Tunneling Properties of Thin-Film Amorphous Germanium.

Director: Dr. Carl J. Magee.

Mark Crowley, White Plains, New York

Thesis: ANSIR3: A Digital Language for Hybrid Simulation and Patching. Director: Dr. Eugene W. Henry.

James Keenan, Honolulu, Hawaii

Thesis: Dual Processor Input/Output System Hardware and Software. Director: Dr. Eugene W. Henry.

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

William Bernard Boyle, Jr., South Bend, Indiana

William August G'Sell, Indianapolis, Indiana

Harold Joseph Sommer, Piqua, Ohio

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

Paul Kenneth Schroeder, South Bend, Indiana

Thesis: Species Measurements of Methane Flames in a Wind Tunnel Boundary Layer Flow.

Director: Dr. John R. Lloyd.

## In the College of Arts And Letters

THE DEGREE OF BACHELOR OF ARTS  
ON:

John Weber Blair, Aurora, Illinois  
Kevin Michael Bradley, Wilmington, Delaware  
Matthew J. Brandes, Cedar Rapids, Iowa  
Craig Michael Crawford, Chicago, Illinois  
L. Franklin Devine, Marblehead, Massachusetts  
James Emmett Higgins, Silver Spring, Maryland  
Gerrie Beth Kurtz, *With Highest Honors*, Phoenix,  
Arizona  
Robert Duncan Lee, Connellsville, Pennsylvania  
Kevin Lucius Lilly, *With Honors*, Phillipsburg, New  
Jersey  
Stephen Vincent Lopardo, Escondido, California  
Barbara Blair Luckie, *With High Honors*, South  
Bend, Indiana  
Kevin Alan Macolley, Kimberton, Pennsylvania  
Jerry Hammes Mowbray, *With High Honors*, Las  
Vegas, Nevada  
Raymond A. O'Connell, Baldwin, New York  
Bridget Ann Riley, *With Highest Honors*, Detroit,  
Michigan  
George Matthew Saad, Houston, Texas  
Jeffrey Charles Shaul, North Canton, Ohio  
Albert Anthony Stirpe, Clyde, New York

## In the College of Science

THE DEGREE OF BACHELOR OF  
SCIENCE ON:

Carolyn Ann Apker, Phoenix, Arizona  
Paul James Hobbs, Burt, New York  
John Michael Masnovi, *With Honors*, Bethel Park,  
Pennsylvania  
Robert L. Thomas, Jr., Lincoln, Illinois  
John Anthony Vacca, North Arlington, New Jersey  
John Joseph Vozella, Jr., Reading, Massachusetts

## In the College of Engineering

THE DEGREE OF BACHELOR OF  
ARCHITECTURE ON:

Michael T. Coppinger, Cincinnati, Ohio  
Kenneth James Foley, South Bend, Indiana

THE DEGREE OF BACHELOR OF SCIENCE  
IN CHEMICAL ENGINEERING ON:

Suzanne M. Lebeuf, *With Highest Honors*, Battle  
Creek, Michigan

## In the College of Business Administration

THE DEGREE OF MASTER OF  
BUSINESS ADMINISTRATION ON:

Javier Quintero, Mexico City, Mexico

THE DEGREE OF BACHELOR OF  
BUSINESS ADMINISTRATION ON:

Thomas Alexander Glover, Lake Forest, Illinois  
Michael A. Makowski, South Bend, Indiana  
Christopher James McHenry, Roselle, Illinois  
Steven Henry Reiff, Ida Grove, Iowa

### THE ARTHUR J. SCHMITT FELLOWSHIP

David Martin Craig (English)  
Suzanne Deborah Fields (Chemistry)  
Robert L. Mahon (English)  
Christine Elise Shanes (Government)



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

*Blue and Gold in Hoods Denotes  
a Notre Dame Degree*

