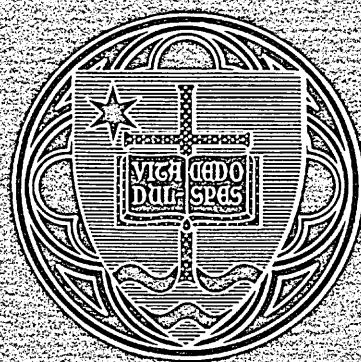
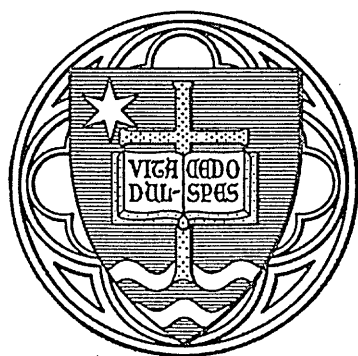


THE UNIVERSITY
OF NOTRE DAME
COMMENCEMENT
AUGUST 6, 1976



OFFICIAL

THE UNIVERSITY
OF NOTRE DAME
COMMENCEMENT
AUGUST 6, 1976



EVENTS OF THE DAY

Friday, August 6, 1976

BACCALAUREATE MASS

8:30 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. 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. Robert L. Kerby
Associate Professor of History
University of Notre Dame

COMMENCEMENT EXERCISES

10:20 a.m. Graduates assemble in Athletic & Convocation Center Auxiliary Gym

10:50 a.m. Academic Procession begins

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

Commencement Address:

Donald P. Costello, Ph.D.
Professor, Department of English

Guests are requested to please be seated in Athletic and Convocation Center no later than 10:50 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 6, 1976

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. Robert L. Kerby
Associate Professor of History
University of Notre Dame



ONE HUNDRED & THIRTY FIRST COMMENCEMENT EXERCISES

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

Athletic and Convocation Center
Concourse
University of Notre Dame
Notre Dame, Indiana
At 11 a.m. (Eastern Standard Time)
Friday, August 6, 1976



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 Edward J. Murphy, J.D.
White Professor of Law
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 Edward W. Jerger, Ph.D.
Associate Dean of the College of Engineering
by Bro. Leo V. Ryan, C.S.V.
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

Donald P. Costello, Ph.D.
Professor, Department of English
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

In the Graduate School

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

THE DEGREE OF DOCTOR OF PHILOSOPHY ON:

Michael Robert Baumer, LaPorte, Indiana

Major subject: Philosophy. Dissertation: A Possible Worlds Reconstruction of Duns Scotus's Proof for the Existence of God.

Director: Dr. Michael J. Loux.

Brian Richard Boettcher, Waco, Texas

Major subject: Chemistry. Dissertation: Preparation of a Half Active Hybrid and ^{13}C and ^{19}F Magnetic Resonance Probes for Active Site Symmetry in Dimeric Aspartate Aminotransferase. Director: Dr. Mario Martinez-Carrion.

Carl John Catino, Bangor, Pennsylvania

Major subject: Psychology. Dissertation: Metamemorial Processes in Normal and Retarded Children. Director: Dr. John G. Borkowski.

Thomas Yuh-Gen Chai, Republic of China

Major subject: Physics. Dissertation: A Study of Macroscopic Quantum Phase Coherence Properties of a Coupled Superfluid ^4He System.

Director: Dr. Brij M. Khorana.

Guang-Meei Doris Chang Cheng, Taipei, Taiwan, Republic of China

Major subject: Economics. Dissertation: A Study of the Impact of U.S. Grain Exports on the Exchange Rate and the Domestic Price Level.

Director: Dr. James J. Rakowski.

Patrick G. Derr, Cloquet, Minnesota

Major subject: Philosophy. Dissertation: A Critique of Imre Lakatos' Theory of Scientific Rationality. Director: Dr. Gary M. Gutting.

Bruce John Frayman, South Bend, Indiana

Major subject: Psychology. Dissertation: The Effect of Object Shape and Mode of Presentation on Judgments of Apparent Volume.

Director: Dr. William E. Dawson.

Alfred Joseph Freddoso, South Bend, Indiana

Major subject: Philosophy. Dissertation: In Defense of Conceptualism: An Essay on the Problem of Universals.

Director: Dr. Michael J. Loux.

Joan M. Wylie Hall, Terre Haute, Indiana

Major subject: English. Dissertation: Francis Bacon's Changing Idea of the Essay.

Director: Dr. Walter R. Davis.

Leon Wade Harkleroad, Clifton, Virginia

Major subject: Mathematics. Dissertation: Recursive Equivalence Types on Recursive Manifolds. Director: Dr. Vladeta Vuckovic.

James Daniel Heffernan, Syracuse, New York

Major subject: Philosophy. Dissertation: Language, Rationality and Machines.

Director: Dr. Kenneth M. Sayre.

Theodore W. Hengesbach, South Bend, Indiana

Major subject: Theology. Dissertation: John Henry Newman's Theology of Death.

Director: Rev. John S. Dunne, C.S.C.

- Kwang-Fu P. Hwang, Chingshui, Taiwan
Major subject: Physics. Dissertation: A Study of Some Properties of Liquid Helium Near the Lambda-Point. Director: Dr. Brij M. Khorana.
- John Tobias Jacobs, Wilkes-Barre, Pennsylvania
Major subject: English. Dissertation: The Western Journey: Exploration, Education, and Autobiography in Irving, Parkman and Thoreau. Director: Dr. James P. Dougherty.
- Timothy James Kearns, Jr., Cleveland, Ohio
Major subject: Mathematics. Dissertation: L-Smooth Structures for Diff(M) Orbits. Director: Dr. John E. Derwent.
- Ronald John Kizior, Berwyn, Illinois
Major subject: Economics. Dissertation: The Effects of Government Contracts on Regional Income and Employment: A Case Study of the SMEK Area. Director: Dr. William H. Leahy.
- William Lund Lorimer, Ann Arbor, Michigan
Major subject: English. Dissertation: Ripples from a Single Stone: An Archetypal Study of Theodore Roethke's Poetry. Director: Dr. James P. Dougherty.
- Richard Charles Lux, Greenfield, Wisconsin
Major subject: Theology. Dissertation: An Exegetical Study of Micah 1:8-16. Director: Dr. Joseph Blenkinsopp.
- John Frederick Mateja, New Castle, Pennsylvania
Major subject: Physics. Dissertation: Structure of ^{57}Mn Using the ^{54}Cr (a, p), ^{54}Cr (a, $p\pi$), and ^{55}Mn (tp) Reactions. Director: Dr. Cornelius P. Browne.
- Timothy James Miller, South Bend, Indiana
Major subject: Mathematics. Dissertation: Rational Homotopy and Lie Algebras. Director: Dr. Joseph A. Neisendorfer.
- Rutty Mae Mitchell, Red Hills, Clarendon, Jamaica
Major subject: Sociology and Anthropology. Dissertation: Paths to Happiness: Residence, Locality and Inter-Personal Relationships. Director: Dr. Richard A. Lamanna.
- Timothy Joseph Ott, Atlanta, Georgia
Major subject: Education. Dissertation: Androgyny, Sex Role Stereotypes, Sex Role Attitudes and Self-Actualization among College Women. Director: Dr. C. William Tageson.
- William Gion Pendleton, Mobile, Alabama
Major subject: English. Dissertation: Ruskin's Titles: Public Myths and *Horti Privati*. Director: Dr. Eugene J. Brzenk.
- Michael Paul Poder, Johnstown, Pennsylvania
Major subject: History. Dissertation: The Senatorial Career of William E. Jenner. Director: Dr. Vincent P. DeSantis.
- Venetios A. Polychronakos, Edessa, Greece
Major subject: Physics. Dissertation: Study of the Reaction $\pi-p \rightarrow n k_s k_s$ at 6.0 and 7.0 GeV/c. Director: Dr. Neal M. Cason.
- Thomas Frances Pyne, Los Altos, California
Major subject: Philosophy. Dissertation: Proper Names and Relative Identity. Director: Dr. Michael J. Loux.
- Thomas Michael Roberts, Coudersport, Pennsylvania
Major subject: Biology. Dissertation: Chemical Attraction Between Adults of the Rat Nematode, *Nippostrongylus brasiliensis*. Director: Dr. Ralph E. Thorson.

Mario Lorenzo Sánchez, Houston, Texas

Major subject: History. Dissertation: The Attempts at Reform in the Spain of Charles II: A Revisionist View of the Decline of Castile, 1665-1700. Director: Dr. Fredrick B. Pike.

Ciro Haroldo Sepulveda, Rochester, New York

Major subject: History. Dissertation: La Colonia Del Harbor: A History of Mexicanos in East Chicago, Indiana 1919-1932. Director: Dr. Samuel Shapiro.

James Benjamin Stewart, Cleveland, Ohio

Major subject: Economics. Dissertation: Structural Barriers to Welfare Gains for Blacks in the United States and the Republic of South Africa. Co-Directors: Dr. A. Peter Walshe and Dr. Stephen T. Worland.

Dennis Albert Terzola, Cleveland, Ohio

Major subject: Sociology and Anthropology. Dissertation: The Contemporary Professional Thief: A New Look at Sutherland's Classic Model. Director: Dr. Robert H. Vasoli.

Robert George Wanschura, Freehold, New Jersey

Major subject: Psychology. Dissertation: Additive Independence and Judgments of Metric and Non-Metric Stimuli: Functional Measurement Versus Magnitude Matching.

Director: Dr. William E. Dawson.

Eric Muller Ward, Cambridge, Massachusetts

Major subject: Psychology. Dissertation: Over-correction: A Component Analysis of Its Effects and Side Effects on the Inappropriate and Appropriate Behavior of Retarded Children and Adults. Director: Dr. Thomas L. Whitman.

Nicholas J. Weyland, Seattle, Washington

Major subject: Mathematics. Dissertation: Construction of Holomorphic Functions with Growth Estimates to Given Zero Sets. Director: Dr. Wilhelm F. Stoll.

Pit Mann Wong, Hong Kong

Major subject: Mathematics. Dissertation: Defect Relation for Meromorphic Maps on Parabolic Spaces and Kobayashi Metric on Projective Space Omitting Hyperplanes.

Director: Dr. Wilhelm F. Stoll.

Abdulwahed Aziz Zindani, Sana'a, Yemen

Major subject: Government and International Studies. Dissertation: Arab Politics in the United Nations.

Director: Dr. George A. Brinkley.

THE DEGREE OF MASTER OF ARTS ON:

Robert Anthony Aufieri, Bronx, New York

Major subject: Liturgy.

Gregory Steven Beheydt, New Haven, Connecticut

Major subject: Liturgy.

Sister Jane F. Belanger, O.P., Columbus, Ohio

Major subject: Art.

Regina Ann Benza, New Rochelle, New York
Major subject: Psychology: Psychological Counseling.

Sister Regina Marie Boslet, Phoenix, Arizona
Major subject: Liturgy.

Karen Elizabeth Cahill, Chicago, Illinois
Major subject: Art.

Brother Francis Corradi, S.C., Metuchen, New Jersey
Major subject: Liturgy.

Gerald Thomas Dallessio, Somerville, New Jersey
Major subject: Psychology: Psychological Counseling.

William Joseph Dowling, Queens, New York
Major subject: History.

Margaret Suzanne Drury, Sandusky, Ohio
Major subject: English.

Charles Nicholas Faso, O.F.M., Oak Brook, Illinois
Major subject: Liturgy.

John H. Fiandt, Angola, Indiana
Major subject: History.

H. Michael Fitzgerald, Albuquerque, New Mexico
Major subject: Theology.

Brother Don M. Fleischhacker, C.S.C., Chicago, Illinois
Major subject: Communication Arts.

James Frederick Frurip, Kalamazoo, Michigan
Major subject: Theology.

Sister Margaret Galiardi, O.P., Centerport, New York
Major subject: Theology.

Yvonne O. Gallivan (Doyle), Elkhart, Indiana
Major subject: Art.

Madalaine Justine Gemar, Great Falls, Montana
Major subject: Sociology and Anthropology.

Normand Adrien Gilbert, Manchester, New Hampshire
Major subject: Psychology: Psychological Counseling.

Joseph Louis Haag, Jr., King George, Virginia
Major subject: English.

Mary Stevens Haag, Dearborn, Michigan
Major subject: Communication Arts.

Lynn Arnold Harris, Garland, Utah
Major subject: Government and International Studies.

Vivian Irene Hayes, Harvey, Illinois
Major subject: Psychology.

Kathleen Ellen Herman, Johnson City, New York
Major subject: Communication Arts.

Judit Alapi Higgins, Saranac Lake, New York
Major subject: Psychology: Psychological Counseling.

Dana Dee Homo, Elkhart, Indiana
Major subject: English.

Robert David Huneke, East Islip, New York
Major subject: Psychology: Psychological Counseling.

James Michael Ignaut, Westlake, Ohio
Major subject: Psychology: Psychological Counseling.

Sister Dorothy Ann Jacko, S.C., Greensburg, Pennsylvania
Major subject: Liturgy.

- Christine Ellen Jankowski, New Carlisle, Indiana
Major subject: English.
- Thomas G. Jones, Fairmount, Indiana
Major subject: History.
- Catherine Ann Karl, Detroit, Michigan
Major subject: Communication Arts.
- Ruth Marie Kettman, C.S.J., Cincinnati, Ohio
Major subject: Theology.
- Sister Matthias Kisinko, O.S.B.M., Uniontown, Pennsylvania
Major subject: English.
- Charles Francis Kitson, F.S.C., Pawtucket, Rhode Island
Major subject: Communication Arts.
- Sister Kathleen Mary Kramer, Cleveland, Ohio
Major subject: Communication Arts.
- Sister Barbara Katherine Kroll, S.S.J., Kalamazoo, Michigan
Major subject: Art.
- Maurice Andre Laborde, Santiago, Chile
Major subject: Theology.
- Sister Mary Laura Lesniak, Buffalo, New York
Major subject: Liturgy.
- Susan S. Levy, South Bend, Indiana
Major subject: English.
- Alberto Manzano, Caracas, Venezuela
Major subject: Economics.
- Rev. George Michael Matanic, O.P., Eugene, Oregon
Major subject: Liturgy.
- Thomas Mammoottil Matthew, Paranthal, Pandalam, Kerala, India
Major subject: Theology.
- Sister Lisa Mary McCartney, Erie, Pennsylvania
Major subject: English.
- Sister Maureen T. McDonnell, Ottawa, Illinois
Major subject: Communication Arts.
- Jane Frances McGarrahan, Providence, Rhode Island
Major subject: Psychology: Psychological Counseling.
- Rev. James R. McGonegal, Cleveland, Ohio
Major subject: Liturgy.
- Mary V. McGuire, Mt. Vernon, Ohio
Major subject: Art.
- Declan McHugh, Millville, New Jersey
Major subject: Liturgy.
- Brother Philip Meyer, O.S.F., Brooklyn, New York
Major subject: Education.
- Constance Joan Moffatt, Reseda, California
Major subject: History.
- David Randy Morgan, Edwardsburg, Michigan
Major subject: Communication Arts.
- Susan Teresa Morris, Charlotte, North Carolina
Major subject: Psychology: Psychological Counseling.
- Sister Regina Marie Morrissey, O.L.V.M., Kendallville, Indiana
Major subject: Theology.
- William Michael Allen Murphy, Clark, South Dakota
Major subject: Economics.
- Thomas F. Nellis, Rochester, New York
Major subject: Liturgy.
- David Edward Nowak, South Bend, Indiana
Major subject: Liturgy.

Catherine Marie Orme, Long Beach, California
Major subject: Education.

Sister Therese Mary Osborne, O.S.U., Cleveland, Ohio
Major subject: Modern and Classical Languages. (French)

Michael William Oyer, Bristol, Indiana
Major subject: Education.

Timothy Louis Perry, South Bend, Indiana
Major subject: Education.

Rev. Richard Albert Portasik, O.F.M., Pittsburgh, Pennsylvania
Major subject: Liturgy.

Gary Lee Povlin, South Bend, Indiana
Major subject: Art.

Herbert Dean Priester, Rockford, Illinois
Major subject: Education.

Patricia Ann Pritchard, South Bend, Indiana
Major subject: Art.

Shirley Marie Roemer, South Bend, Indiana
Major subject: History.

Brother Owen J. Sadlier, O.S.F., Brooklyn, New York
Major subject: English.

Roberto Salazar, Bogota, Colombia, South America
Major subject: Economics.

H. Devon Schrock, Elkhart, Indiana
Major subject: English.

Charles John Schwab, Newark, Delaware
Major subject: Theology.

Kathleen Anne Seebert, Chicago, Illinois
Major subject: Communication Arts.

Carol Jane Seifrit, Gilbert, Pennsylvania
Major subject: Philosophy.

Theodore T. Seneschal, Shawnee, Oklahoma
Major subject: Liturgy.

Sister Ellen Shanahan, O.P., River Forest, Illinois
Major subject: Theology.

Sister Mary Hope Sieron, O.P., Columbus, Ohio
Major subject: English.

Robert Ambrose Slavin, Hingham, Massachusetts
Major subject: Communication Arts.

Leo Joseph Smith, Milton, Maine
Major subject: History.

Jean Elizabeth Snyder, Goshen, Indiana
Major subject: English.

Brother John B. Spalding, Queens, New York
Major subject: History.

Victor Hugh Staton, Walkerton, Indiana
Major subject: Education.

Joan Marie Sullivan, South Bend, Indiana
Major subject: Psychology: Psychological Counseling.

Chester Joseph Szwed, Jr., Norfolk, Virginia
Major subject: English.

Paul Edward Thomas, Wintersville, Ohio
Major subject: Government and International Studies.

Sister Christa Marie Thompson, Springfield, Pennsylvania
Major subject: English.

Sister Carol Leah Thresher, S.D.S., Milwaukee, Wisconsin
Major subject: History.

Rev. Gerald Edward Tivy, Oswego, Illinois
Major subject: Liturgy.

Rev. James McKelvey Tobin, S.M., St. Louis, Missouri

Major subject: Liturgy.

Myron Joseph Veenstra, Crookston, Minnesota

Major subject: Psychology: Psychological Counseling.

Daniel Michael Venglarik, Youngstown, Ohio

Major subject: Education.

Michael Viard Vidrine, St. Louis, Mississippi

Major subject: History.

Rev. Fred Voltaggio, Westmont, New Jersey

Major subject: Education.

Brother Robert K. Wapniarski, F.S.C., Addison, Illinois

Major subject: History.

Roger Allen Wenninger, Akron, New York

Major subject: Liturgy.

Frank D. Westhoff, Buffalo, Illinois

Major subject: Liturgy.

Thomas Dean Wilhelm, Knox, Indiana

Major subject: Communication Arts.

Jewell Ann Wolfe, Shipshewana, Indiana

Major subject: Communication Arts.

Sister Priscilla Margaret Wood, O.P., Montrose, Minnesota

Major subject: Communication Arts.

Mary Gertrude Zimmer, Sharon, Pennsylvania

Major subject: English.

THE DEGREE OF MASTER OF SCIENCE IN ADMINISTRATION ON:

Roger Edward Bau, Fort Worth, Texas

David Roy Biek, South Bend, Indiana

Sister Patricia Anne Bossle, Petersburg, Virginia

Sister Alice Bovat, Holyoke, Massachusetts

Sister Mary Cichan, Philadelphia, Pennsylvania

Sister Christa Franzer, Oldenburg, Indiana

Antonio Pena Garza, Jr., San Antonio, Texas

Sister Christine Kahwajy, O.S.B., Bristow, Virginia

Louis J. Kerber, St. Louis, Missouri

Sister Mary Ann Krause, O.S.U., Cleveland, Ohio

Sister Joanne Maney, S.N.J.M., Marylhurst, Oregon

Carla C. Maramag, South Bend, Indiana

Ronald Eugene O'Neal, Sylvania, Ohio

Sister Catherine A. Platte, Lacon, Illinois

Robert Joseph Ross, Elkhart, Indiana

Sam Robert Ruma, Clinton, Iowa

Sister Ann Catherine Rutan, Arlington, Virginia

Sister Susan Schaad, Santa Monica, California

Conrad W. Seibel, Jr., St. Louis, Missouri

Sister John Ellen (Mary) Sheehan, Wheaton, Maryland

George T. Strack, Loretto, Pennsylvania

Brother Joseph Rodney Struble, C.S.C., Notre Dame, Indiana

THE DEGREE OF MASTER OF SCIENCE ON:

Douglas Arthur Cheney, South Bend, Indiana

Major subject: Mathematics.

Robert John Przybelski, Green Bay, Wisconsin

Major subject: Biology. Thesis: A Chromosomal Analysis of Embryonic Frog Renal Adenocarcinoma Cell Line. Director: Dr. Kenyon S. Tweedell.

Matthew John Sherlock III, Flushing, New York

Major subject: Physics.

Joseph Simon Webster, North Olmsted, Ohio

Major subject: Mathematics.

THE DEGREE OF MASTER OF SCIENCE IN AEROSPACE ENGINEERING ON:

Dennis John Gleason, Carroll, Iowa

Thesis: An Investigation of the Effects of Shape and Incidence on the Instability of Airfoil Pitching Oscillations. Director: Dr. Hafiz Atassi.

THE DEGREE OF MASTER OF SCIENCE IN
CHEMICAL ENGINEERING ON:

Guillermo Leon Guzman, Cali, Colombia
Elindoro Suarez Rodriguez II, Parañaque, Rizal,
Philippines
Philip Varghese, Madras, India
Gerard Joseph Vitiello, Belleville, New Jersey

THE DEGREE OF MASTER OF SCIENCE IN
ELECTRICAL ENGINEERING ON:

Richard John Basso, East Brunswick, New Jersey
Thesis: Computational Alternatives to Obtain
Time Optimal Jet Engine Control.
Director: Dr. R. Jeffrey Leake.
Dennis Lee Bordelon, South Bend, Indiana
Thesis: On Signal Design by the R_0 Criterion for
Non-White Gaussian Noise Channels.
Director: Dr. James L. Massey.
Frederique Anne Giraud, Paris, France
Thesis: An Alternative Approach to System
Identification. Director: Dr. Ruey-wen Liu.
Daniel John Kopetzky, Falls City, Nebraska
Thesis: An Application of Microprocessors to the
Interfacing of Peripheral Devices in Multipro-
cessor Computing Systems. Director: Dr. James
L. Melsa.
Gregory Stephen Lauer, South Bend, Indiana
Thesis: Some Optimum Partial-Unit-Memory
Convolutional Codes.
Director: Dr. James L. Massey.
Anthony Joseph Maloney III, South Bend, Indiana
Thesis: Graphics Analysis of Dominance in Jet
Engine Control Models. Director: Dr. Michael
K. Sain.

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

Mary Elizabeth Ford, Pepper Pike, Ohio
Harry Stephen Nye, South Bend, Indiana
Thesis: Collection of Sub Micron Particles by
Low Pressure Inertial Impaction. Director: Dr.
Robert L. Irvine.
Chakravarthy S. Srinivasan, Madurai, India
John Lewis Wirth, Bel Air, Maryland

THE DEGREE OF MASTER OF SCIENCE IN
ENVIRONIC DESIGN ON:

Osamah Mohammed Noor El-Gohary, Riyadh,
Saudia Arabia
Thesis: Environic Design for Islamic Cultural
Ecology. Director Professor Patrick Horsbrugh.
Terrence P. Parent, Chicago, Illinois
Thesis: Outdoor Recreography for Urban Open
Space. Director: Professor Patrick Horsbrugh.
Lokesh F. Patel, Notre Dame, Indiana
Thesis: Wildlife Containment and Biocen-
tricism, the Inherent Respect for All Life.
Director: Professor Patrick Horsbrugh.

THE DEGREE OF MASTER OF SCIENCE IN
MECHANICAL ENGINEERING ON:

Richard Stephen Figliola, Wilmington, Delaware
Thesis: A Study of the Hemolytic Potential of
Prosthetic Heart Valve Flows Based on Local
In-Vitro Stress Measurements. Director: Dr.
Thomas J. Mueller.

FELLOWSHIPS AND SCHOLARSHIPS

Hearst Fellowship

Carl John Catino (Psychology)

Arthur J. Schmitt Fellowship

Richard John Basso (Electrical Engineering)

Guang-Meei Doies Chang Cheng (Economics)

Bruce John Frayman (Psychology)

The Law School

THE DEGREE OF JURIS DOCTOR:

Robert Lee Whitmore, Washington, D.C.
B.A., Notre Dame, 1973

The College of Arts and Letters

THE DEGREE OF BACHELOR OF ARTS ON:

Michael Joseph Ayuso, Grand Rapids, Michigan
Lindy Allyn Decio, Elkhart, Indiana
Daniel Francis Duncheon, Danville, Illinois
Margaret Terese Eisch, *Posthumously*, Vestal, New
York
Joseph William Fahy, *With High Honors*,
Mishawaka, Indiana
William Lee Goodman, Illmo, Missouri
Karla Jeanne Grazier, Indianapolis, Indiana
Frederick John Helmen, South Bend, Indiana
Brian Francis Lungren, Long Beach, California
Robert Emmet Mack, Jr., Bloomfield Hills, Michigan
William Griffen McDermott, Scarsdale, New York
Barry A. Miller, Mt. Pleasant, Pennsylvania
John Anthony Najdich, Detroit, Michigan
Louis Robert Sertich, Crown Point, Indiana
David Paul Theis, Tarzana, California
Matthew Worth Williams, *With High Honors*,
Grand Junction, Colorado
Denise Lynn Wilt, Warren, Ohio
Joan Rice Wise, South Bend, Indiana

The College of Science

THE DEGREE OF BACHELOR OF SCIENCE ON:

Richard Charles Binari, Somerville, Massachusetts
Craig Joseph Brucker, West Long Branch,
New Jersey
Cynthia Beth Cole, *Posthumously*, Palatine, Illinois
David Bruce Gaines, Santurce, Puerto Rico
James Walter Kayser, Jr., Highland, Illinois
Peter Julian Maurer, McLean, Virginia
Richard Hinch Shults, Jr., Batavia, New York

The College of Engineering

THE DEGREE OF BACHELOR OF ARCHITECTURE ON:

Dale John Horton, Stanley, New York
Richard Paul Kelly, Basking Ridge, New Jersey
Michelle Jane Muller, Sewickley, Pennsylvania
Romulo S. Pietrangeli, Caracas, Venezuela
Joseph A. St. Jean, Jr., South Bend, Indiana
Martin Joseph Serena II, Ottawa, Illinois
Harold Jack Snyder, Jr., New Orleans, Louisiana
Allan Leslie Ward, South Bend, Indiana

THE DEGREE OF BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING ON:

Ricardo Antonio Ramirez Molina, Cananea, Sonora,
Mexico

THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING ON:

Tom Lee Hampton III, Picayune, Mississippi

The College of Business Administration

THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION ON:

Thomas Henry Elli, South Bend, Indiana
George Francis Faherty, Hasbrouck Heights, New
Jersey
Robert C. Keyser, Sarasota, Florida
Gerard Joseph Klimek, Sayreville, New Jersey
Thomas Owen Melvin, Villanova, Pennsylvania
Schaeffer Patrick O'Neill, Alton, Illinois
James Michael Seeley, Angola, New York
Judith Kathleen Stepanek, Cape Coral, Florida

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 Letters	White
Business Administration	Sapphire Blue
Economics	Copper
Education	Light Blue
Engineering	Orange
Fine Arts including Architecture	Brown
Law	Purple
Music	Pink
Philosophy	Dark Blue
Science	Golden Yellow
Theology	Scarlet
Humanities	Crimson

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

