

The University of

Notre Dame du Lac

1986 Commencement

August 1



OFFICIAL

The University of

Notre Dame du Lac

1986 Commencement

August 1



Events of the Day

Friday, August 1, 1986

BACCALAUREATE MASS

- 8:40 a.m. Graduates and faculty 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. Baccalaureate Mass— Sacred Heart Church

Presiding Celebrant and Homilist:

Rev. Oliver F. Williams, C.S.C.
Associate Professor of Management
University of Notre Dame

Concelebrants:

Priests who will receive degrees during the Commencement Exercises, priest members of the faculty and priest members of the Congregation of Holy Cross.

COMMENCEMENT EXERCISES CONFERRAL OF DEGREES

- 10:25 a.m. Graduates and faculty assemble in the Auxiliary Gym of the Athletic and Convocation Center. Please enter Gate 1 or 2.
- 10:50 a.m. Academic Procession begins
- 11:00 a.m. Conferring of Degrees in the Athletic and Convocation Center—Concourse.

Presiding Officer:

Timothy O'Meara, Provost

Commencement Address:

David T. Link
Dean of the Law School
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 1, 1986

Presiding Celebrant and Homilist
Rev. Oliver F. Williams, C.S.C.

Lectors
Thomas Mayefske
Ellen Dolan, R.G.S.

Music Ministers:

Organ
Lynn Trapp

Harp and Guitar
Steven C. Warner

Cantors
Joe Scardella
Catherine Ramsden

Flute
Faye Philippsen

The Symphony Brass Quintet
Craig Heitger, trumpet
Jeff Christiana, trumpet
Peggy Brilli, French horn
Jeffrey Eckert, trombone
Jerry Lackey, tuba

BACCALAUREATE MASS

VOTIVE MASS OF THE SACRED HEART

PRE-SERVICE MUSIC

Fanfare in C Purcell
Overture to Berenice Handel
Canzona Per Sonare No. II Gabrieli

GATHERING HYMN

O Lord, Hear My Prayer

Berthier

O Lord hear my pray'r, O Lord hear my pray'r:
when I call an - swer me. O Lord hear my pray'r, O
Lord hear my pray'r Come and lis - ten to me. O

ENTRANCE ANTIPHON

Go Up to the Altar of God

Chepponis

Go up to the al- tar of God, the God of our glad- ness and joy! Raise
up the cup of sal- va- tion, and call on the name of the Lord.

OPENING PRAYER

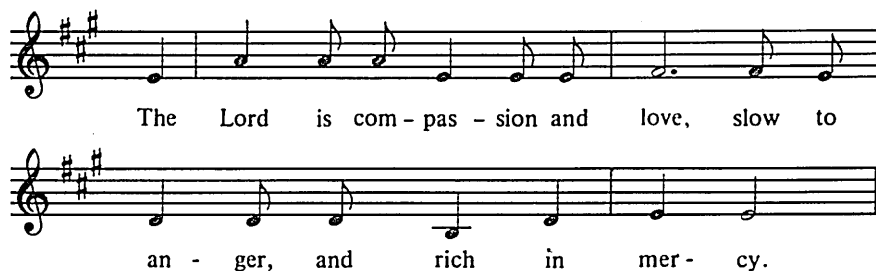
Liturgy of the Word

READING I

Isaiah 49:13-15
I will never forget you.

PSALM 103

Warner



READING II

Ephesians 3:8-12
God has given me the privilege of proclaiming the riches of Christ to all the nations.

GOSPEL ACCLAMATION

Hughes



*Please sing at
the direction
of the cantors.*

GOSPEL

Matthew 11:25-30
What you have hidden from the learned has been revealed to the children.

*It is customary for men,
although not for women
wearing academic garb, to
have their caps removed during
the Gospel and homily.*

HOMILY

GENERAL INTERCESSIONS

Krisman



Liturgy of the Eucharist

PREPARATION RITE

Pavane/FantasiaByrd/Boyce


PRAYER OVER THE GIFTS

Eucharistic Prayer

*It is customary for men,
although not for women
wearing academic garb, to
have their caps removed during
the Eucharistic Prayer.
The caps may be replaced
at the end of Communion.*

PREFACE + SANCTUS

Proulx



Ho - ly, ho - ly, ho - ly Lord, God of pow-er and might.

Heav'n___ and earth___ are full___ of your glo - ry. Ho -

san - na in the high - est, ho - san - na in the high - est.

Blest is he who comes_ in the name_ of the Lord. Ho -

san - na in the high - est, ho - san - na in the high - est.---

MEMORIAL ACCLAMATION

Proulx



Christ has died, Christ is ris - en, Christ will come a - gain.

GREAT AMEN



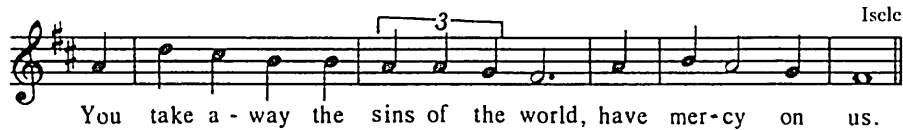
Communion Rite

LORD'S PRAYER + DOXOLOGY

SIGN OF PEACE

AGNUS DEI

Cantor: Lamb of God. . .



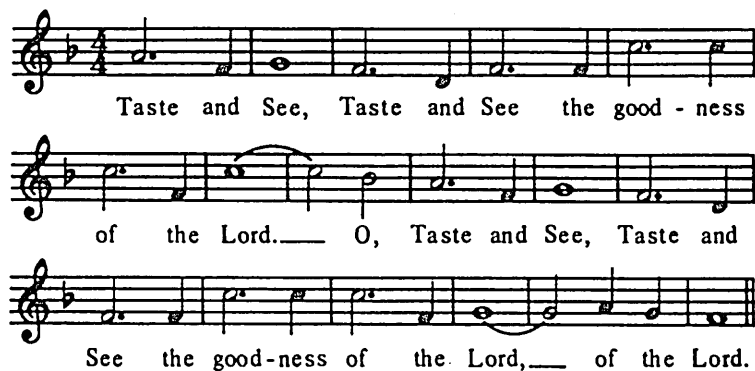
When the cantor and choir repeat: Lamb of God. . .sins of the world, please sing:



COMMUNION PROCESSION

Taste and See

Moore



PRAYER AFTER COMMUNION

Closing Rite

BLESSING + DISMISSAL

HYMN

Lift High the Cross

Nicholson

REFRAIN



Lift high the cross, the love of Christ pro - claim,



Till all the world a - dore his sa - cred name.

VERSES



1. Come, Chris - tians, fol - low where our Sav - ior trod,
2. Led on their way by this tri - um - phant sign,
3. All new - born sol - diers of the Cru - ci - fied
4. O Lord, once lift - ed on the glo - rious tree,
5. So shall our song of tri - umph ev - er be:



1. Our King vic - to - rious, Christ, the Son of God.
2. The hosts of God in con - qu'ring ranks com - bine.
3. Bear on their brows the seal of him who died.
4. As thou hast prom - ised, draw us all to thee.
5. Praise to the Cru - ci - fied for vic - to - ry!

POSTLUDE

Celebration FanfareLackey

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GO UP TO THE ALTAR OF GOD, INTERCESSIONS RESPONSE, SANCTUS, MEMO -
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One Hundred Forty-First

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 1, 1986

Order of the Exercises

Processional

by Daniel H. Winicur, Ph.D.
Dean of Administration and
University Registrar

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 crown thy good with brotherhood
from sea to shining sea.*

Convening of the Convocation

by Timothy O'Meara, Ph.D.
Provost of The University

Presentation of Candidates for Degrees

The degree of Doctor of Philosophy
by Chau T. M. Le, Ph.D.
Assistant Vice President for Advanced Studies

The Master degree
by Chau T. M. Le, Ph.D.
Assistant Vice President for Advanced Studies

The degree of Bachelor of Arts
by Michael J. Loux, Ph.D.
Dean of the College of Arts and Letters

The degree of Bachelor of Science
by Francis J. Castellino, Ph.D.
Dean of the College of Science

The Bachelor degrees in the College of
Engineering
by Roger A. Schmitz, Ph.D.
Dean of the College of
Engineering

The degree of Bachelor of Business
Administration
by C. Joseph Sequin, Ph.D.
Director of Institutional
Administration Program

The Conferral of Degrees

The Provost of the University

Commencement Address

David T. Link, J.D.
Dean of the Law School
University of Notre Dame

Closing Remarks

The Provost of the University

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.*

Recessional of the Platform Party

**It is customary for men, although not for women, wearing
academic garb to have their caps removed during the
Commencement Address and the singing of the Alma
Mater.*

In the Graduate School

THE DEGREE OF DOCTOR OF PHILOSOPHY ON:

Muhammad I. Chaudhry, Kasur, Pakistan

Major subject: Electrical Engineering. Dissertation: Ohmic Contacts and MOS Structures on Beta Silicon Carbide. Director: Dr. William B. Berry.

Arati Chaudhury, Orissa, India

Major subject: Physics. Dissertation: Lifetime Measurements in $^{119-123}\text{Xe}$, $^{121,123}\text{Cs}$, and ^{119}I Using the Recoil-Distance-Method. Director: Dr. Umesh Garg.

Rajiv Suresh Dighe, Baroda, India

Major subject: Electrical Engineering. Dissertation: A High Precision, Fast Start-up Automatic/Adaptive Equalizer for Fast Data Transmission. Director: Dr. Ruey-wen Liu.

Beverly A. Grall, Harrodsburg, Kentucky

Major subject: Psychology. Dissertation: A Multi-theoretical Approach to the Conceptualization and Validation of the Measurement of the Determinants of Self-Esteem. Director: Dr. George S. Howard.

G. Simon Harak, S.J., South Bend, Indiana

Major subject: Theology. Dissertation: The Role of the Passions in the Formation of Character. Director: Rev. David B. Burrell.

Brian Lee Holaway, South Bend, Indiana

Major subject: Microbiology. Dissertation: The Regulation of Expression of Sporulation—Specific Genes in *Saccharomyces cerevisiae*. Director: Dr. Mary J. Clancy.

Deborah Anne Keogh, South Bend, Indiana

Major subject: Psychology. Dissertation: Self-Instructional Versus Didactic Instructional Training: A Look at Individual Differences and How They Relate to Instructional Effectiveness. Director: Dr. Thomas L. Whitman.

Anthony Leone, Jr., New Haven, Connecticut

Major subject: Physics. Dissertation: Photosensitized Oxidation of Lipid Monolayers. Director: Dr. Gerald L. Jones.

Emanouil Magiropoulos, Thessaloniki, Greece

Major subject: Mathematics. Dissertation: Equivariant Function Spaces. Director: Dr. Laurence R. Taylor.

Patrick J. Mooney, Watseka, Illinois

Major subject: Physics. Dissertation: Measurement of the D^* Hadronic Cross Section at 200 GEV/c. Director: Dr. Randal C. Ruchti.

Tenkasi V. Ramabadran, Madras, India

Major subject: Electrical Engineering. Dissertation: Adaptive Modeling for Data Compression. Director: Dr. David L. Cohn.

Carlos Antonio Alegria Ramirez, Guadalajara, Mexico

Major subject: Mathematics. Dissertation: Some Results in O-Minimal Theories. Co-Directors: Dr. Anand Pillay and Dr. Julia F. Knight.

John Lee Ribal, Las Vegas, New Mexico

Major subject: Economics. Dissertation: Changes in Tax Incidence in Eagle County, Colorado before and after the Development of the Vail Ski Industry. Director: Dr. Thomas R. Swartz.

Mark T. Roskey, Framingham, Massachusetts

Major subject: Microbiology. Dissertation: Cloning of the Rusticyanin Gene from *Thiobacillus ferrooxidans*. Director: Dr. Charles F. Kulpa, Jr.

Ross Jason Thornburg, Dearborn, Michigan

Major subject: Physics. Dissertation: On the Stability of the Minimum of a $SO(N)$ -Invariant Higgs Potential with Reducible Higgs Fields. Director: Dr. William D. McGlinn.

Hemant Kumar Tiwari, Unnao, India

Major subject: Mathematics. Dissertation: Some Results on the Reflection Representation of Hecke Algebras of the Certain Weyl Groups. Director: Dr. Dean L. Alvis.

Sarah Eleanor Toombs, Houston, Texas

Major subject: English. Dissertation: James Thurber: A Research Guide. Director: Dr. Joseph X. Brennan.

Lan Wai Wong, Hong Kong

Major subject: Physics. Dissertation: The Local Magnetic Anisotropy Effects and Magnetic Resonance of Amorphous Neodymium Transition Metal Thin Films. Director: Dr. Howard A. Blackstead.

Shun Hua Yang, Shanghai, China

Major subject: Chemistry. Dissertation: Study of Thermal Cycloaddition Reactions of Substituted Allenes with Alkenes. An Analysis of the Factors Affecting the Relative Rates of Formation, Cleavage, Rotation and Ring Closure and the Structures of the Homotrimethylenemethane Diradical Intermediates. Director: Dr. Daniel J. Pasto.

THE DEGREE OF MASTER OF DIVINITY ON:

Thomas Edward Gaughan, C.S.C., New Bedford,
Massachusetts

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

Bruce Melvin Weeks, South Bend, Indiana
Thesis: Public Service Advertising: A New
Approach to Evangelism. Director: Prof. Frederick
S. Beckman.

THE DEGREE OF MASTER OF ARTS ON:

Patrick Ankpili Akatu, Otukpo, Nigeria
Major subject: Economics.

William Joseph Balas, Fairview Park, Ohio
Major subject: Theology (Liturgy).

Kim J. Barta, Troy, Pennsylvania
Major subject: Theology.

Susanna Margaret Elizabeth Becker, Lynbrook,
New York
Major subject: Theology (Liturgy).

James Edwin Braley, Boston, Massachusetts
Major subject: Theology (Liturgy).

Marilyn Breen, PBVM, Cedar Falls, Iowa
Major subject: Theology.

Carol René Camp, Houston, Texas
Major subject: History.

John Joseph Chandler, Villa Park, Illinois
Major subject: History.

Ruth K. Chao, San Pedro, California
Major subject: Psychology.

Rev. R. Bruce Cinquegrani, Memphis, Tennessee
Major subject: Theology (Liturgy).

John Wesley Coker, North Liberty, Indiana
Major subject: Theology.

Thomas Kenneth Coyne, Belleville, Illinois
Major subject: History.

Maralee Sue Crandon, Baldwinsville, New York
Major subject: English.

Andrea Marie Dawe, Fremont, Michigan
Major subject: Government and International
Studies.

Ellen Marie Dolan, R.G.S., Helena, Montana
Major subject: Theology (Liturgy).

Mitchell George Dowalogo, C.S.B., Rochester,
New York
Major subject: Theology (Liturgy).

Elizabeth Anne Dowden, Columbus, Ohio
Major subject: Theology (Liturgy).

Marianne deChantal Dunn, San Francisco,
California
Major subject: Theology (Liturgy).

Chris Nwaka Egbulem, O.P., Eziam-Ubulu,
Nigeria

Major subject: Theology (Liturgy).

Theresa Falco, RSM, Brooklyn, New York

Major subject: Theology (Liturgy).

Diane M. Fox, South Bend, Indiana

Major subject: Communication Arts.

John Patrick Gallagher, Florence, New Jersey

Major subject: Psychology.

Kathryn Grace Gleeson, Bronx, New York

Major subject: English.

Christine A. Gretka, Northville, Michigan

Major subject: Theology (Liturgy).

Deanna M. Haack, Granger, Indiana

Major subject: Sociology.

Christopher J. Heller, Rockville Centre, New York

Major subject: Theology (Liturgy).

Rev. William A. Howell, Wexford, Ireland

Major subject: Theology (Liturgy).

Florence Patricia Kahler, C.S.J., Brighton,
Massachusetts

Major subject: Theology (Liturgy).

Mary Ellen Kammert, Grand Rapids, Michigan

Major subject: Theology (Liturgy).

Rev. James Gregory Karaffa, C.S.C., Cleveland,
Ohio

Major subject: Psychology.

Julie Krejci, Grand Forks, North Dakota

Major subject: Psychology.

Rev. Jude Michael Krill, OFM Conv.,

Baltimore, Maryland

Major subject: English.

Mary Therese Lysaught, Glen Ellyn, Illinois

Major subject: Theology.

John Joseph Markey, San Antonio, Texas

Major subject: Theology.

Greg K. Mathews, Beaumont, Texas

Major subject: Communication Arts.

Mary Kane Mauer, Valparaiso, Indiana

Major subject: Theology.

Thomas J. Mayefske, Green Bay, Wisconsin

Major subject: Theology (Liturgy).

Kathleen McGovern, Denver, Colorado

Major subject: Theology (Liturgy).

Patrick J. McLaughlin, Emmitsburg, Maryland

Major subject: Theology (Liturgy).

Thomas P. Mull, Rochester, New York

Major subject: Theology (Liturgy).

Mary Lynn Murphy, Newport News, Virginia

Major subject: Theology (Liturgy).

John David Niemeyer, Purvis, Mississippi

Major subject: Theology (Liturgy).

Ellen Sean O'Connell, St. Louis, Missouri
Major subject: Psychology.

Peter Palesch, Nersingen, West Germany
Major subject: Economics.

Richard Paperini, Portland, Oregon
Major subject: Theology (Liturgy).

Robert Craig Pauly, Milwaukee, Wisconsin
Major subject: Theology.

Margaret Elizabeth Pecjak, Eastlake, Ohio
Major subject: Psychology.

Peter M. Polando, Youngstown, Ohio
Major subject: Theology (Liturgy).

Thomas J. Porter, Mandan, North Dakota
Major subject: Theology (Liturgy).

Theresa Maria Sanders, Youngstown, Ohio
Major subject: Theology.

Reverend Joseph E. Scardella, Syracuse, New York
Major subject: Theology (Liturgy).

Bonnie L. Cinquemani Schaller, Berrien Springs, Michigan
Major subject: Psychology.

Barbara Ann Seall, South Bend, Indiana
Major subject: Psychology.

Peter Francis Sharpe, Alberta, Canada
Major subject: Theology (Liturgy).

Brother William J. Sherlog, CFC, Bronx, New York
Major subject: History.

Richard Duane Sirianni, Portland, Oregon
Major subject: Theology (Liturgy).

Lisa M. Siroky, Palos Heights, Illinois
Major subject: Psychology. Thesis: Differential-Reward Learning and Schedule Interaction Effects as Indexed by Spontaneous Pacing Behavior in the Rat. Director: Dr. D. Chris Anderson.

The Rev. Allyn L. Smith, Jr., Sturgis, Michigan
Major subject: Philosophy.

Gregory Albert Stankus, Brooklyn, New York
Major subject: Theology (Liturgy).

William Leonard Mercure Stomski, Harrisburg, Pennsylvania
Major subject: Theology (Liturgy).

Sister Carol Elizabeth Stovall, S.S.J., Jacksonville, Florida
Major subject: Theology.

Linda L. Teahan, St. Louis, Missouri
Major subject: Communication Arts.

Katherine Mari TePas, South Bend, Indiana
Major subject: Theology.

V. Paul Tratnyek, Kitchener, Ontario
Major subject: Theology (Liturgy).

MariaAlene Van Valkenburg, Fort Wayne, Indiana
Major subject: Theology.

Marie Melissa Velasquez, Pearsall, Texas
Major subject: English.

Daniel Joseph Vogelpohl, Covington, Kentucky
Major subject: Theology (Liturgy).

Mary Beth Walsh, Malvern, Pennsylvania
Major subject: Theology.

Anne E. Wetzel, Memphis, Tennessee
Major subject: Communication Arts.

Marilyn Witte, Niles, Michigan
Major subject: Theology (Liturgy).

THE DEGREE OF MASTER OF SCIENCE ON:

George Patrick Alberici, Haverford, Pennsylvania
Major subject: Biological Sciences. Thesis: Information Processing in the Prothoracic Ganglion of the Cricket *Acheta domestica*.
Director: Dr. Harald E. Esch.

Frank J. Corley, St. Louis, Missouri
Major subject: Mathematics.

Jamille Hamedy Jojo, Mishawaka, Indiana
Major subject: Chemistry. Thesis: A Stochastic Model for Water Diffusion in Xylem. Director: Dr. John J. Kozak.

Carol J. Kirkner, Mishawaka, Indiana
Major subject: Chemistry. Thesis: Anion Effects on Muscle Pyruvate Kinase. Director: Dr. Thomas L. Nowak.

Anne Marie Maguire, Ambler, Pennsylvania
Major subject: Chemistry. Thesis: Characterization of a Monoclonal Antibody Prepared against an Epitope on the Kringle 1-3 Region of Human Plasminogen. Director: Dr. Francis J. Castellino.

Ivor Mzwandile Zwane, South Africa
Major subject: Chemistry. Thesis: Studies on the Reduction of 3,3-Dimethylallyl- and 5-Hexenyl-cobaloxime Complexes. Director: Dr. Daniel J. Pasto.

THE DEGREE OF MASTER OF SCIENCE IN AEROSPACE ENGINEERING ON:

Michael W. Thompson, Aurora, Illinois
Thesis: Two-Dimensional Nonlinear Simulations of Forced Free Shear Layers: The Onset of Nonlinearities, and the Examination of Wall Influence. Director: Dr. Alan B. Cain.

THE DEGREE OF MASTER OF SCIENCE IN CHEMICAL ENGINEERING ON:

Peter B. Thompson, Wilmington, Delaware
Thesis: A Novel, Gradientless, Three-Phase Reactor. Director: Dr. James J. Carberry.

THE DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING ON:

Mary Beth Kerger, Chicago Heights, Illinois
Thesis: Analysis of Buried Silicon Nitride Layers for SOI Applications. Director: Dr. Yee Chuk Richard Kwor.

SoonJu Lee, Daejeon, Korea
Thesis: Evaluation and Configuration of Hardware and Software for a Microcomputer Laboratory. Director: Dr. Eugene W. Henry.

THE DEGREE OF MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING ON:

William Paul Clarke, Elizabeth North, South Australia
Thesis: Explicit Time Marching Schemes for Mass Transport with Chemical Reaction. Director: Dr. Ingemar Kinnmark.

Michael G. Johnston, Durham, North Carolina
Thesis: Selection of a Microbial Population for the Degradation of a Landfill Leachate in the Sequencing Batch Reactor.
Director: Dr. Charles F. Kulpa, Jr.

THE DEGREE OF MASTER OF SCIENCE IN MECHANICAL ENGINEERING ON:

Joseph J. Hollkamp, Clarksville, Indiana
Michael Richard Miller, Cody, Wyoming
Thesis: Natural Convection/Radiation in Vertical Channels with Distributed Heat Sources: A Physical Model of a Static Condenser.
Director: Dr. Kwang-Tzu Yang.

THE DEGREE OF MASTER OF SCIENCE IN ADMINISTRATION ON:

George Randolph Barkley II, Champaign, Illinois
Linda Elise Berlakovich, Merrillville, Indiana
Sister Josephine Berry, Athboy, Co. Meath, Ireland
Brian Jay Carlson, Brainerd, Minnesota
Brett L. Colter, South Bend, Indiana
Ronald J. Cummings, Farmingdale, Maine
Joan Faye Darr, Winona Lake, Indiana
Patricia DeNeal, Gary, Indiana
Michael J. De Stefano, M.D., South Bend, Indiana
Patrick A. Devine, Sutton, Dublin, Ireland
Ann Marie D. Distasio, Allentown, Pennsylvania
Kevin Gerard Doolin, Crown Point, Indiana
Sister Fidelma Egan, Navan, Co. Meath, Ireland
Janet Ann Engle, Lawrence, Michigan
Sandra Shoemaker Friesen, Elkhart, Indiana
Suzanne Kim Genovese, Valparaiso, Indiana
Michael Lee Gordon, Plymouth, Indiana
Jean Marie Coleman Halverson, Crown Point, Indiana
Cynthia Anne Harrison, St. Louis, Missouri
Sister Betty Ann Heegeman, O.P., Chilton, Wisconsin
Sister Kara Hennes, O.S.B., St. Cloud, Minnesota
Sister Rose Jochmann, Green Bay, Wisconsin
Russell Edward Kennedy, South Bend, Indiana
Jennifer Ann Klein, Granger, Indiana
Judith Evelyn Kratzner, Anderson, Indiana
Gloria Ann Kunze, LaPorte, Indiana
Pamella L. Leiter, South Bend, Indiana

Sister Mary Rose Lieb, OSF, Joliet, Illinois
Catherine Ann Kaiser Loden, Hobart, Indiana
Tess A. Mangold, Portage, Indiana
Daniel Marren, Fargo, North Dakota
John James McSweeney, Charlotte, North Carolina
Anthony A. Metzcus, Michigan City, Indiana
Jay Owen Mills, South Bend, Indiana
Sister Margaret R. Mitchell, S.M., Auburn, California
Rita Johansen Mooney, Stamford, Texas
Susan Lamb Nagle, Granger, Indiana
Adrienne H. Nelsen, Madison, Wisconsin
Fredric P. Nix, South Bend, Indiana
Christine Stepanek Predd, LaPorte, Indiana
Michael James Reardon, Crown Point, Indiana
Sister Muriel Teresa Rennick, Sault Ste. Marie, Ontario, Canada
Elizabeth S. Rhodes, Shorewood, Wisconsin
Sr. Kathryn M. Rother, S.C., Pittsburgh, Pennsylvania
Sister Donna Marie Schlager, VSC, Bedford, Ohio
Barbara Rose Schmitt, Crestwood, Illinois
Sister Rose Margaret Schneider, O.S.F., Little Falls, Minnesota
Jane Susan Shambaugh, Fargo, North Dakota
James Spence, Hobart, Indiana
Sister M. Clarice Steinfeldt, S.D.S., Wauwatosa, Wisconsin
Pauline Tursi, CHM, Ottumwa, Iowa
George-Ann Dennis Vestal, Portage, Indiana
Edward A. Violet, S.M., St. Louis, Missouri
Susan Kay Widdis, Baroda, Michigan
Betty Delores Williams, Gary, Indiana

The College of Arts and Letters

THE DEGREE OF BACHELOR OF ARTS ON:

Christine Marie Costa, Cincinnati, Ohio
Ursula Denise Crooks, Gary, Indiana
Anthony Dawson, Chicago, Illinois
Bruce David Gadziola, Muncie, Indiana
William Stanley Goebel, Coolville, Ohio
Kevin A. Hamer, Springfield, Virginia
Julie Anne Heslin, *With Highest Honors*,
Latham, New York
Jean Annette Mackay, Lansing, Michigan
Thomas W. Pavilionis, Oceanside, California
Stephen Louis Pfeifer, Portland, Oregon
Patricia Maria Reid, McLean, Virginia
Edward Rodriguez III, Blythe, California
Andrea Dominique Schnuck, Maumee, Ohio
Michael Viktor Tarm, Hutchinson, Kansas
Harold Richard VonWyl, Jr., Akron, Ohio

The College of Science

THE DEGREE OF BACHELOR OF SCIENCE ON:

Timothy Aloysius Branigan, Woodcliff Lake,
New Jersey
Gene Robert Meger, Cedar Rapids, Iowa
Patrick Philip Sullivan, *With Honors*, Rochester,
Minnesota

The College of Engineering

THE DEGREE OF BACHELOR OF ARCHITECTURE ON:

Sean Patrick O'Brien, Phillipsburg, New Jersey

THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING ON:

David Barry Shane, Big Rapids, Michigan

THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING ON:

Scott Alan Fox, Pittsburgh, Pennsylvania
John Healy, Congers, New York
John Edward Lawler, Yonkers, New York
John Francis Robie, Mentor, Ohio
Robert Michael Rueth, Lisle, Illinois
Robert David Shuff, Elkhart, Indiana

THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING ON:

James A. Tyler, Jr., Norwood, New York
John Paul Wackowski, Springfield, New York

The College of Business Administration

In the Graduate Division

THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION ON:

Jean Marie Gray, Maumee, Ohio

In the Undergraduate Division

THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION ON:

Matthew Edward Bannon, Port Washington,
Wisconsin
William Charles Bartlett III, Ridgewood, New
Jersey
Stephen Joseph Brennan, Aberdeen, Washington
Richard John Cramer II, Flint, Michigan
James Stephen Gallagher, Norwood, New Jersey
John Patrick Joseph Goins, New Orleans,
Louisiana
Blaise Drew Harding, Evansville, Indiana
John Edward Preston, Winter Park, Florida
Daniel Joseph Scanlan, West Bloomfield, Michigan
Peter John Sheptak, Pittsburgh, Pennsylvania

Academic Costume Code

THE ACADEMIC COSTUME CODE

The history of academic dress reaches far back into the early days of the oldest universities. Academic dress finds its source 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 clearing-house 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	Drab
Economics	Copper
Education	Light Blue
Engineering.....	Orange
Fine Arts, including Architecture	Brown
Law	Purple
Library Science	Lemon Yellow
Music	Pink
Philosophy.....	Dark Blue
Physical Education	Sage Green
Science	Golden Yellow
Theology.....	Scarlet
Humanities	Crimson

*Old Gold and Royal Blue in Hood Denotes
a Notre Dame Degree*

