

8-4-1989

# 144th University of Notre Dame Commencement and Mass Program

University of Notre Dame

Follow this and additional works at: [http://scholarship.law.nd.edu/commencement\\_programs](http://scholarship.law.nd.edu/commencement_programs)



Part of the [Law Commons](#)

---

## Recommended Citation

University of Notre Dame, "144th University of Notre Dame Commencement and Mass Program" (1989). *Commencement Programs*. Paper 48.

[http://scholarship.law.nd.edu/commencement\\_programs/48](http://scholarship.law.nd.edu/commencement_programs/48)

This Program is brought to you for free and open access by the Law School History at NDLScholarship. It has been accepted for inclusion in Commencement Programs by an authorized administrator of NDLScholarship. For more information, please contact [lawdr@nd.edu](mailto:lawdr@nd.edu).

*The University of*

*Notre Dame du Lac*

*1989 Commencement*

*August 4*



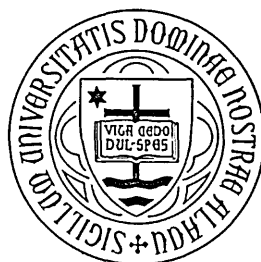
OFFICIAL

*The University of*

*Notre Dame du Lac*

*1989 Commencement*

*August 4*



# Events of the Day

*Friday, August 4, 1989.*

## **BACCALAUREATE MASS**

- 8:30 a.m. Graduates and faculty assemble in the Administration Building, Main Floor, for the Academic Procession to Stepan Center.
- 8:40 a.m. Academic Procession departs for Stepan Center.
- 9:00 a.m. Baccalaureate Mass — Stepan Center.

### *Presider and Homilist:*

Rev. John A. Melloh, S.M.  
Coordinator, John S. Marten Program  
in Homiletics and Liturgics

### *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 Joyce 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 Joyce Athletic and Convocation Center — Concourse.

### *Presiding Officer:*

Roger A. Schmitz, Ph.D.  
Vice President and Associate Provost

### *Commencement Address:*

Dian H. Murray, Ph.D.  
Associate Professor of History

(Guests are requested to be seated on the Concourse of the Joyce Athletic and Convocation Center by 10:50 a.m.)

# *Baccalaureate Mass*

Stepan Center  
University of Notre Dame  
Notre Dame, Indiana  
at 9 a.m. (Eastern Standard Time)  
Friday, August 4, 1989

*Presider and Homilist*  
Rev. John A. Melloh, S.M.

*Lector*  
Rodica Stoiciu

*Organist*  
Gail Walton

*Cantor*  
Letty Valentine

*Guitar and Harp*  
Steven Warner

*The Symphony Brass Quintet*  
Craig Heitger, *trumpet*  
Jeff Christiana, *trumpet*  
Peggy Brilli, *French horn*  
Joe Hickner, *trombone*  
Sam Gnagey, *tuba*

---

# BACCALAUREATE MASS

---

## PRELUDES

## ACADEMIC PROCESSION

Fanfare ..... Purcell  
Trumpet Voluntary ..... Stanley  
Canzona Personary # 2 ..... Gabrieli

## ENTRANCE HYMN

### *I Sing the Mighty Power of God*



1. I sing the mighty pow'r of God That  
2. I sing the goodness of the Lord That  
3. There's not a plant or flower be- low But

made the moun- tains rise, That spread the flow- ing  
filled the earth with food; That formed cre - a - tion  
makes your glo- ries known; And clouds a - rise, and

seas a- broad, And built the loft- y skies. I  
with a word, And then pro- nounced it good. Lord,  
tem- pests blow, By or - der from your throne; While

sing the wis- dom that or - dained The sun to rule the day; The  
how your won- ders are dis - played, Where- e'er I turn my eye; If  
all that bor- rows life from you Is ev- er in your care, And

moon shines full at God's com- mand And all the stars o- bey.  
I sur - vey the ground I tread, Or gaze up- on the sky!  
ev- 'ry - where that I may be, O God, be pre- sent there.

## OPENING PRAYER

---

# Liturgy of the Word

---

## READING I

Isaiah 61: 1-3

*The Lord God anointed me and sent me to bring  
Good News to the poor.*

## RESPONSORIAL PSALM

Psalm 96:1-3, 7-8, 10

Currie



## GOSPEL ACCLAMATION

Trapp



## GOSPEL

Matthew 13:54-58

*They found Jesus altogether too much for them.*

## GOSPEL ACCLAMATION

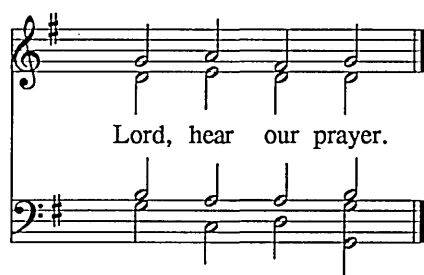
Trapp



## HOMILY

Rev. John A. Melloh, S.M.

## GENERAL INTERCESSIONS



---

# Liturgy of the Eucharist

---

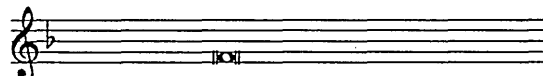
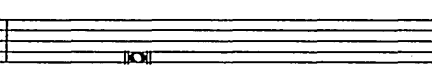
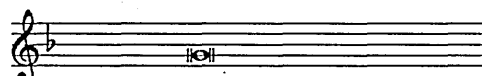
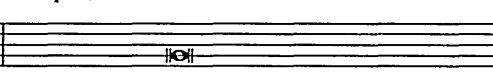
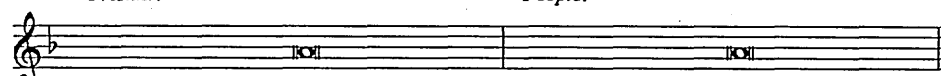
## PREPARATION OF THE GIFTS

*Pavane* ..... William Byrd  
*Fantasia* ..... William Boyce

## Eucharistic Prayer

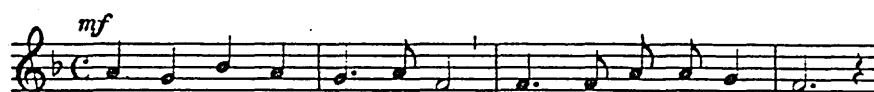
*It is customary for men,  
although not for women  
wearing academic garb, to  
have their caps removed during  
the Eucharistic Prayer.  
The caps may be replaced  
at the end of Communion.*

## PREFACE DIALOGUE


<i>Presider:</i>	<i>People:</i>
	
The Lord be with you.	And also with you.
<i>Presider:</i>	<i>People:</i>
	
Lift up your hearts.	We lift them up to the Lord.
<i>Presider:</i>	<i>People:</i>
	
Let us give thanks to the Lord our God. It is right to give him thanks and praise.	

## SANCTUS

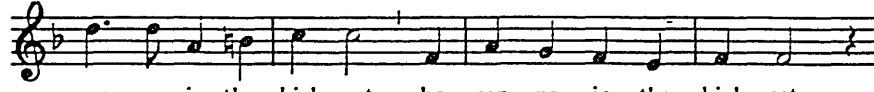
*mf*



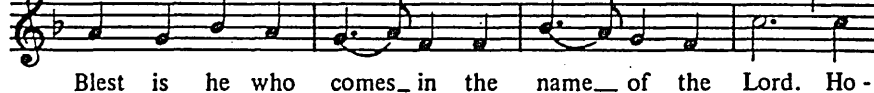
Ho - ly, ho - ly, ho - ly Lord, God of pow - er and might.



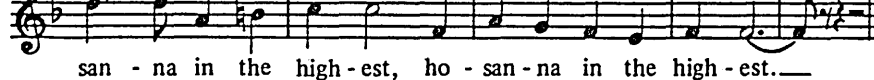
- Heav'n and earth are full of your glo - ry. Ho -



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

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

The musical notation is in G major (one sharp) and common time. The first line has a forte (f) dynamic marking. The second line has an accent (>) over the first note.

## AMEN

A - men,  
a - men, a - men.

The musical notation is in G major and common time. The first line has a forte (f) dynamic marking. The second line has an accent (>) over the first note.

## Communion Rite

### LORD'S PRAYER + DOXOLOGY

### SIGN OF PEACE

### LAMB OF GOD

Trapp

*Cantor: Lamb of God . . . .*

You take a-way the sins of the world: have mer- cy on us.

The musical notation is in G major and 4/4 time. It consists of a single line of music.

*When the cantor repeats: Lamb of God . . . . please sing:*

You take a-way the sins of the world: grant \_ us peace.

The musical notation is in G major and 4/4 time. It consists of a single line of music.

### COMMUNION PROCESSION

*Taste and See*

Moore

Taste and see, taste and see, the good-ness of the  
Lord, \_ O taste and see, taste and see, the  
good-ness of the Lord, \_ of the Lord.

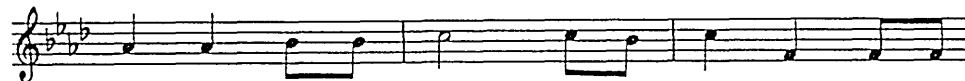
The musical notation is in G major and 4/4 time. It consists of three lines of music.

# SONG OF THANKSGIVING

## Those Who Love and Those Who Labor



1. Those who love and those who la - bor Fol - low  
 2. Where the man - y work to - geth - er, They with  
 3. Let the seek - er nev - er fal - ter Till the



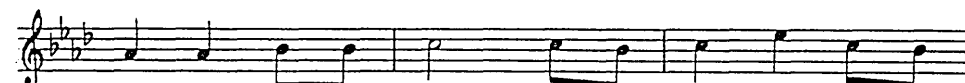
in the way of Christ; Thus the first dis - ci - ples  
 Christ him - self a - bide, But the lone - ly work - ers  
 truth is found a - far With the wis - dom of the



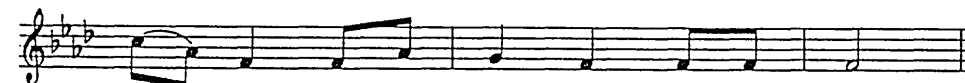
found him, Thus the gift of love suf - ficed.  
 al - so Find him ev - er at their side.  
 a - ges Un - der - neath a gi - ant star,



Je - sus says to those who seek him, I will  
 Lo, the Prince of com - mon wel - fare Dwells with -  
 With the rich - est and the poor - est, Of the



nev - er pass you by; Raise the stone and you shall  
 in the mar - ket strife; Lo, the bread of heaven is  
 sum of things pos - sessed, Like a child at first to



find me; Cleave the wood, and there am I.  
 bro - ken In the sac - ra - ment of life.  
 won - der, Like a king at last to rest.

## PRAYER AFTER COMMUNION

### Closing Rite

## BLESSING + DISMISSAL

## RECESSIONAL

*Psalm XIX* ..... Marcello  
*Sonata from "Die Bankelsangerlieder"* ..... Anonymous

### Acknowledgements

"Psalm 96" by Randolph Currie, the "Community Mass" by Richard Proulx, and "Taste and See" by James E. Moore © GIA Publications, Inc., Chicago, Ill. All rights reserved, reprinted under license # 1180.

The "Gospel Acclamation" and "Lamb of God" from Morningstar Mass by Lynn Trapp. Used by permission of Morningstar Music, Inc., Saint Louis, Mo. All rights reserved.

The text for "Those Who Love and Those Who Labor" © Oxford University Press, used with permission of the publisher.

---

*One Hundred Forty Fourth*

---

*Commencement Exercises*

---

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

Joyce Athletic and Convocation Center  
(Concourse)  
University of Notre Dame  
Notre Dame, Indiana  
At 11 a.m. (Eastern Standard Time)  
Friday, August 4, 1989

# Order of Exercises

## Processional

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

## 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.*

## Convening of the Convocation

by Roger A. Schmitz, Ph.D.  
Vice President and Associate  
Provost of the University

## Presentation of Candidates for Degrees

The Doctor of Philosophy degree  
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 Bachelor degree in the College of Arts and  
Letters  
by Stacey Gutting, Ph.D.  
Assistant Dean of the College of Arts and  
Letters

The Bachelor degree in the College of Engineering  
by Anthony N. Michel, Ph.D.  
Dean of the College of Engineering

The Bachelor degree in the College of Business  
Administration  
by John G. Keane, Ph.D.  
Dean of the College of Business  
Administration

## Commencement Address\*

Dian H. Murray, Ph.D.  
Associate Professor of History

## Closing Remarks

The Vice President and Associate  
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:

**Robert Dale Anderson**, Corona, California

Major subject: Medieval Studies. Dissertation: Medieval Speculative Grammar.

Director: Dr. Ralph M. McInerny.

**Lynne Csiszar Cary**, Granger, Indiana

Major subject: Biological Sciences. Dissertation: Analysis of *Trichoplusia ni* Transposon IFP2 Insertions within the FP-locus of Nuclear Polyhedrosis Viruses.

Director: Dr. Malcolm J. Fraser, Jr.

**Johan T. Cels**, Leuven, Belgium

Major subject: Government and International Studies. Dissertation: The European Refugee Regime. Director: Dr. Gilbert Loescher.

**Bartholomew Gennaro Corsaro**, East Brunswick, New Jersey

Major subject: Biological Sciences. Dissertation: The Molecular Genetics of *Heliothis Zea* Nuclear Polyhedrosis Virus. Director:

Dr. Malcolm J. Fraser, Jr.

**Michael Gregor Johannes Fink**, Innsbruck, Austria

Major subject: Physics. Dissertation: Two Photon Ionization of Rare Gas Atoms: An Application of the Relativistic Time Dependent Dirac Fock Theory. Director: Dr. Walter R. Johnson.

**WeiQi Gao**, Tianjin, People's Republic of China

Major subject: Mathematics. Dissertation: The Unimodular Monge-Ampere Equation: The Two-Dimensional Case.

Director: Dr. Pit-Mann Wong.

**Donald A. Hantula**, Palm Beach Gardens, Florida

Major subject: Psychology. Dissertation: Investment and Resource Allocation Following Partial Returns: An Analysis of Persistence, Escalation, and Contrast Effects.

Director: Dr. Charles R. Crowell.

**Edwin Ivan Hernandez**, South Bend, Indiana

Major subject: Sociology. Dissertation: An Empirical Study of the Social Sources and Political Consequences of Religious Commitment in the Context of Modernity Among Seventh-Day Adventists in the United States.

Director: Dr. Michael R. Welch.

**Ivo Herzog**, Basking Ridge, New Jersey

Major subject: Mathematics. Dissertation: Some Model Theory of Modules.

Director: Dr. Anand Pillay.

**Michael Raymond Keenan**, Livonia, Michigan

Major subject: Chemical Engineering. Dissertation: Robustness of Nonlinear and Linear Feedback Control Systems.

Director: Dr. Jeffrey C. Kantor.

**Mary Louise E. Kerwin**, Philadelphia, Pennsylvania

Major Subject: Psychology. Dissertation: Static Versus Dynamic Assessments of Intelligence. Director: Dr. Jeanne D. Day

**Kevin Dean Kolbeck**, Nevada, Iowa

Major subject: Medieval Studies. Dissertation: The Prima Via and Modern Science.

Director: Dr. Ralph M. McInerny.

**Krystina K. Leganza**, Indianapolis, Indiana

Major Subject: Mathematics. Dissertation: Representations of Exceptional Lie Algebras Restricted to Sub-Algebras.

Director: Dr. Kok-Wee Phan.

**Zuwei Liu**, Nanjing, People's Republic of China

Major subject: Physics. Dissertation: Pair Correlation Effects in the Relativistic Many-body Calculation of Atomic Polarizabilities. Director: Dr. Walter R. Johnson.

**Michael John McCully**, Green Bay, Wisconsin

Major subject: Economics. Dissertation: A Structuralist Analysis of Food Self-sufficiency in Ghana. Director: Dr. Denis A. Goulet.

**Arthur P. McManus**, Chicago, Illinois

Major subject: Physics. Dissertation: Inclusive Charged Particle Production in pp Collisions at  $\sqrt{s} = 1.8$  TeV. Director: Dr. Neal M. Cason.

**Carol Ann Miderski**, Barrington, Illinois

Major subject: Chemistry. Dissertation:  
Kinetics of the Formation of H<sub>3</sub><sup>+</sup> from H<sub>5</sub><sup>+</sup>.  
and Development of a Crossed Beam Apparatus  
for Neutralized Ion Beam Spectroscopy.  
Director: Dr. Gregory I. Gellene.

**Robert C. O'Connor**, South Bend, Indiana

Major subject: Philosophy. Dissertation:  
Abductive Arguments to Theological Realism.  
Director: Dr. Philip L. Quinn.

**Thomas A. Petee**, Toledo, Ohio

Major subject: Sociology. Dissertation:  
Delineating Individual and Aggregate Level  
Effects in Deviance: A Contextual Approach.  
Director: Dr. Michael R. Welch.

**Chaisingh Poo-Rakkiat**, Bangkok, Thailand

Major subject: Physics. Dissertation:  
Relativistic and Field Theoretic Effects  
in the Nuclear Many Body Problem.  
Director: Dr. Jonathan R. Sapirstein.

**Vladimir Razenj**, Lovran, Yugoslavia

Major subject: Mathematics. Dissertation: Low  
Dimensional Groups over O-minimal Structures.  
Director: Dr. Anand Pillay.

**Mary Frances Sparrow**, South Bend, Indiana

Major subject: Medieval Studies. Dissertation:  
*"Praeambula Fidei"* in Thomas Aquinas.  
Director: Dr. Ralph M. McNerny.

**Richard Frederick Szimpl**, S.V., Lima, Ohio

Major subject: History. Dissertation: Max Von  
Brandt and German Imperialism in East Asia  
in the Late Nineteenth Century.  
Director: Dr. J. Robert Wegs.

**Jianguo Tang**, Shanghai, People's Republic of China

Major subject: Civil Engineering. Dissertation:  
Stochastic Modeling of Fatigue Crack Growth.  
Director: Dr. Billie F. Spencer, Jr.

**George Paul Village**, Pittsburgh, Pennsylvania

Major subject: Economics. Dissertation: The  
Effect of Safe Harbor Leasing on Investment  
and Capital Allocation.  
Director: Dr. David M. Betson.

**Carol A. Wambeke**, Billings, Montana

Major subject: Economics. Dissertation:  
Horizontal Equity and Taxation of the Family.  
Director: Dr. David M. Betson.

## THE DEGREE OF MASTER OF ARTS ON:

**Jamal Hassan Abu-Attiyeh**, Jenin-West Bank, Israel

Major subject: International Peace Studies.

**Claudia Celine Aguilar**, Bridgman, Michigan

Major subject: History.

**Kathryn A. Barrett**, Orlando, Florida

Thesis: The Tonal Language of Poulenc's "Gloria."  
Director: Dr. Ethan T. Haimo

**Paula J. Biedenharn**, New Baden, Illinois

Major subject: Psychology. Thesis: Elderly  
Community Residents' Attitudes Toward Nursing  
Homes. Director: Dr. Janice B. Normoyle.

**Sr. Ardath C. Blake, H.M.**, Cleveland, Ohio

Major subject: Theology.

**Emiliano Pacana Bolongaita, Jr.**, Cagayan de Oro,  
Philippines

Major subject: International Peace Studies.

**James Thomas Bond**, Columbus, Ohio

Major subject: Theology.

**Constantina Bradley**, Plymouth, Indiana

Major subject: History

**Daniel T. Buckley**, Camp Hill, Pennsylvania

Major subject: Psychology.

**J. Ron Byler**, Goshen, Indiana

Major subject: Communication Arts.

**Raul Fernando Campusano Droguett**, Santiago,  
Chile

Major subject: International Peace Studies.

**Catherine Ann Chapman**, Houston, Texas

Major subject: Theology.

**Mary Theresa Comeaux**, Baytown, Texas

Major subject: Theology.

**Mary Beth Coughlin**, Broken Arrow, Oklahoma

Major subject: Theology.

**J. Cobbie De Graft**, Accra, Ghana

Major subject: International Peace Studies.

**Cathy Della Mora**, Toronto, Canada

Major subject: Psychology. Thesis: Impact of  
Depression on Memory Performance of Older  
Adults. Director: Dr. Sheridan P. McCabe.

**Sister Mary Immaculate Doyle**, Media, Pennsylvania

Major subject: Theology.

- Robert A. Ercoline, Jr.**, Bluefield, West Virginia  
Major subject: Theology.
- Robert Floyd Gallant**, Bloomfield, P.E.I., Canada  
Major subject: Theology.
- Maria Teresa Caridad Padilla Gallego**, Manila, Philippines  
Major subject: International Peace Studies.
- Patrick T. Gillen**, Iselin, New Jersey  
Major subject: History
- Daniel Bartholomew Girardot**, Austin, Texas  
Major subject: Theology.
- Nicholas James Glisson**, Evinston, Florida  
Major subject: Theology.
- Sr. Donna Marie Gould, S.B.S.**, Santa Fe, New Mexico  
Major subject: English.
- Sister Marie Malachy Griffin, O.P.**, San Angelo, Texas  
Major subject: Theology.
- Mark Louis Gunty**, Hometown, Illinois  
Major subject: International Peace Studies.
- John R. Gustafson**, La Porte, Indiana  
Major subject: Art, Art History, and Design.  
Thesis: The Work of Luciano Fabro.  
Director: Dr. Craig E. Adcock.
- Laurie Ann Catherine Hanmer**, Ancaster, Ontario, Canada  
Major subject: Theology.
- Janis Haustein, SSND**, Mankato, Minnesota  
Major subject: Theology.
- Rita Kathleen Hessley**, Bowling Green, Kentucky  
Major subject: Theology.
- Raymond Alan Hetu**, Woonsocket, Rhode Island and Providence Plantation  
Major subject: Theology.
- Susan K. Hixon**, Carlsbad, California  
Major subject: International Peace Studies.
- Elizabeth A. Hudson**, Indianapolis, Indiana  
Major subject: Psychology.
- Janine Marie Idziak**, Dubuque, Iowa  
Major subject: Theology.
- Keiko Nagai Ito**, Tokyo, Japan  
Major subject: International Peace Studies.
- Carla A. Jurgensmeyer**, Rogers, Arkansas  
Major subject: Psychology.
- Michael Edward Lee**, Miami, Florida  
Major subject: Theology.
- Felicia Ann Leon**, Wellsburg, West Virginia  
Major subject: International Peace Studies.
- Victor Bradley Lewis**, Germantown, Maryland  
Major subject: Government and International Studies.
- Jeanne Catherine Lowe**, South Bend, Indiana  
Major subject: Theology.
- L. Gregory Maggetti**, Huntingdon Valley, Pennsylvania  
Major subject: Economics.
- Susan Grace Martin**, Highland, Indiana  
Major subject: Communication Arts.
- Toyoko Suzuki Matsushashi**, Tokyo, Japan  
Major subject: Economics.
- Christine L. Matusik**, Grafton, Ohio  
Major subject: International Peace Studies.
- Daniel R. McAfee**, Grosse Ile, Michigan  
Major subject: Theology.
- Sally Henning McCuen**, Roseville, Michigan  
Major subject: Theology.
- Terence Michael McFadden**, South Bend, Indiana  
Major subject: Communication Arts.
- John Francis Murphy, Jr.**, Wantagh, New York  
Major subject: History.
- Melissa A. Murphy**, Mishawaka, Indiana  
Major subject: Government and International Studies. Thesis: On the Porch but not in the House: Money and Republican Congressional Candidates. Director: Dr. L. John Roos.
- Phyllis S. Murphy, RSM**, New York, New York  
Major subject: History.
- Russell Anderson Newbert**, Buffalo, New York  
Major subject: Theology.

**Kipp Alan Normand**, Detroit, Michigan  
Major subject: American Studies. Thesis:  
A Zion of Summer: Winona Lake as a Kind  
of Religious Chautauqua.  
Director: Dr. Barbara Allen.

**Kevin M. O'Connor**, Old Bridge, New Jersey  
Major subject: Theology.

**Margaret Quinn**, OSF, Joliet, Illinois  
Major subject: Theology.

**Patricia Gail Rickey**, Houston, Texas  
Major subject: Psychology.

**Theodore David Rothrock**, Lafayette, Indiana  
Major subject: Theology.

**Nicholas John Schrantz**, Madison, Wisconsin  
Major subject: Psychology.

**Kenneth Alan Schultz**, Normal, Illinois  
Major subject: English.

**Rita Burns Senseman**, Terre Haute, Indiana  
Major subject: Theology.

**Ruth Haines Shriver**, South Bend, Indiana  
Major subject: Theology.

**Daniel Joseph Slattery**, South Bend, Indiana  
Major subject: International Peace Studies.

**Alan Joseph Smigielski**, Providence, Rhode Island  
Major subject: History.

**Rev. Michael A. Smith**, Renfrew, Ontario, Canada  
Major subject: Philosophy.

**Elizabeth A. Smoyer, S.N.D.**, South Bend, Indiana  
Major subject: Theology.

**Megan Mary Tennent**, Cincinnati, Ohio  
Major subject: Psychology.

**Ranjini Lungoomiah Thaver**, Pretoria, South Africa  
Major subject: Economics.

**Thomas Tracy Tuttle**, Bellingham, Massachusetts  
Major subject: International Peace Studies.

**Hilda Leticia Valentin**, Gainesville, Florida  
Major subject: Theology.

**Stephen S. Witte**, Hastings, Nebraska  
Major subject: History.

**Yanfang Yan**, Shanghai, People's Republic of China  
Major subject: International Peace Studies.

**Liang Zhu**, Nanjing, People's Republic of China  
Major subject: International Peace Studies.

**Zoughbi Elias Zoughbi**, Bethlehem, Israel  
Major subject: International Peace Studies.

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

**Mark William Borden**, Toledo, Ohio  
Major subject: Physics.

**Guang Z. Chen**, Urumgi, Peoples Republic of China  
Major Subject: Mathematics

**Ambar Kumar Chowdhury**, London, England  
Major subject: Mathematics.

**Kathryn Elizabeth Enochs**, Lexington, Kentucky  
Major subject: Mathematics.

**Laura Ann Van Wormer**, Lambertville, Michigan  
Major subject: Physics.

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

**Gregory Mason Cole**, Grand Forks, North Dakota  
Thesis: Experimental Measurements of the  
Laminar Separation Bubble on an Eppler 387  
Airfoil at Low Reynolds Numbers.  
Director: Dr. Thomas J. Mueller.

**Daniel F. Scharpf**, Granger, Indiana  
Thesis: An Experimental Study of Closely  
Coupled Tandem Wing Configurations  
at Low Reynolds Numbers.  
Director: Dr. Thomas J. Mueller.

**Scott Andrew Thompson**, Fort Lauderdale, Florida  
Thesis: Surface Pressure Distributions on a  
Delta Wing undergoing Large Amplitude Pitching  
Oscillations. Directors: Drs. Robert C. Nelson  
and Stephen M. Batill.

#### **THE DEGREE OF MASTER OF ARCHITECTURE ON:**

**Bradford Lee Angelini**, Newport, Rhode Island  
**Theresa Luthman Angelini**, Columbus, Ohio



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

Indresh Rampall, New Delhi, India

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

Willard Thomas Lawler, St. Mary's, Ohio

Thesis: Damage Tolerance of Aircraft Wheels.

Director: Dr. Billie F. Spencer, Jr.

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

Lance Charles Perez, Springfield, Virginia

Thesis: Error Performance of Bandwidth Efficient

Inner Codes. Director: Dr. Daniel J. Costello, Jr.

Ellen Louise Pryor, Brant Rock, Massachusetts

Thesis: Performance of Trellis Coded

Modulation on Non-uniform Channels.

Director: Dr. Daniel J. Costello, Jr.

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

Patrick Andrew Mullen, Vicenza, Italy

Thesis: Practical Issues in the Design and

Operation of Slow Sand Filters in Small

Communities. Director:

Dr. Lloyd H. Ketchum, Jr.

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

Hong-zheng Cui, Beijing, People's Republic of China

Paul Robert McHugh, Butte, Montana

Robert Conrad Seaman, Winfield, Illinois

Thesis: Kinematic Analysis of an Industrial

Manipulator. Director: Dr. Michael M. Stanisic.

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

Patricia J. Adams, South Bend, Indiana

Linda Harder Barlow, St. Joseph, Michigan

Carolyn Marie Bender, Crown Point, Indiana

Walter Andrew Blake, South Bend, Indiana

Douglas John Bognar, South Bend, Indiana

Sally A. Bola, Hammond, Indiana

David Lee Bradley, South Bend, Indiana

Jeffrey Craig Brittain, Sioux City, Iowa

Mary Noreen Broering, North Olmstead, Ohio

Ann C. Souigny Brown, Ft. Wayne, Indiana

John Kilner Carr, St. Joseph, Michigan

Sister Mary Michelle Chicoine, S.C., Wilmette,

Illinois

Linda Arnell Chmielewski, Sauk Rapids, Minnesota

Barbara Jean Crowley, Lancaster, Ohio

Carola Marie Cummings, South Bend, Indiana

Sister Clare Marie Dalton, Sacramento, California

David E. Dickinson, S.D.B., Edmonton, Alberta,

Canada

Patricia Kathleen Donovan, S.S.A., Victoria,

British Columbia, Canada

Phyllis Marie Emmons, South Bend, Indiana

Donna Kay Wombacher Faudree, South Bend, Indiana

Michael Alan Ferrill, South Bend, Indiana

William J. Flynn IV, Pottsville, Pennsylvania

Dale A. Getz, Niles, Michigan

Glenda Ann Goodrich-Graham, South Bend, Indiana

Darrell Rodney Gordon, Hillside, New Jersey

Madeline Carroll Halstead, Granger, Indiana

Linda Nicholas Hamilton, Mishawaka, Indiana

Ying Zhao Hao, Beijing, People's Republic of China

Shawn Patrick Heffern, Carmel, Indiana

Peggy Joan Johnson, St. Johns, Newfoundland, Canada

Martin Alan Lebbin, Kalamazoo, Michigan

Patti Ann Lee, St. Joseph, Michigan

Kyle Stewart Malone, Richmond, Indiana

Jean Marion Marthaler, Lakes of the Four Seasons,

Indiana

Marian Patrick Matthews, Tulsa, Oklahoma

Stanley W. Miller, Elkhart, Indiana

Sister Mary Anne Mowat, Hamilton, Ontario, Canada

Shuxiang Pan, Beijing, People's Republic of China

Mary E. Pruitt, Buchanan, Michigan

Thomas Bernard Rehder II, Sacramento, California

Guy Francis Roddy, Plattsburgh, New York

Margaret Clara Rudas, South Bend, Indiana

Patricia Ann Rupiper, Mishawaka, Indiana

James Jacob Schriock, Butte, Montana

Christine T. Sopczynski, South Bend, Indiana

Sister Joan Utecht, St. Paul, Minnesota

Sheran Elizabeth Payne Wallis, St. Joseph, Michigan

Sister Donna Marie Watto, Merion Station,

Pennsylvania

Herbert C. Yost, C.S.C., South Bend, Indiana

Daniel R. Zeitler, Kalamazoo, Michigan

# In the Law School

## THE DEGREE OF MASTER OF LAWS ON:

Wan Jane Chen, Taipei, Taiwan, R.O.C.  
Hugo Johan DeWaal, *Magna Cum Laude*,  
Port Elizabeth, South Africa  
Emmanuele Denis, Brussels, Belgium  
Margret Dirksen, Hamburg, West Germany  
Francisco Javier Gutierrez-Caballero, Monterrey,  
Nuevo Leon, Mexico  
Mark V. Jordan, Spokane, Washington  
Chien-Yi Lee, Taipei, Taiwan, R.O.C.  
Ramon Mullerat, Barcelona, Spain  
Susan Kay Oldenburg, Rockford, Illinois  
Sanchai Polchai, Amphoe, Mondhaburi, Thailand

## THE DEGREE OF JURIS DOCTOR ON:

Fara P. Evans, Pittsburgh, Pennsylvania

# The College of Arts and Letters

## THE DEGREE OF BACHELOR OF ARTS ON:

Mary Sarah Andreano, Joliet, Illinois  
Grace Cecelia Brown, Prattsville, New York  
Richard N. Coglianese, Westerville, Ohio  
Terence Daniel Dalton, Lansing, Michigan  
Debra A. Delahanty, *With High Honors*, Atlanta, Georgia  
Brian Joseph Duffy, Southampton, Pennsylvania  
Kathleen K. Duggan-Boudreau, South Bend, Indiana  
Kathleen Marie Emond, Lakeville, Minnesota  
Miguel Alejandro Esteva-Wurts, San Angel, Mexico  
Thomas Francis Fay, Chelsea, Massachusetts  
Christine Louise Finn, Rochester, New York  
David Ryan Gallivan, Santa Ana, California  
Christopher M. Garrity, Pittsburgh, Pennsylvania

Jeffrey Rufus Hanna, Lima, Ohio  
Jeffrey T. Henderson, Columbus, Indiana  
Christopher James Hodder, Katonah, New York  
Matthew Gordon Hough, Mesa, Arizona  
Joseph Jude Kelty, Youngstown, Ohio  
John Paul Kennedy, Jr., Bedford, New York  
Mildred Kimberly Kilgore, Gary, Indiana  
Christopher M. Koster, McLean, Virginia  
Andrew Thomas Kostielney, South Bend, Indiana  
John Joseph Loughran, Windsor Locks, Connecticut  
Stephen Patrick Lowery, San Jose, California  
Leo Adolph McNellis, *With Honors*, Fort Wayne, Indiana  
John Erin McOsker, San Pedro, California  
Bao Nhu Nguyen, Mineola, New York  
Ernest A. Olivarría, Salinas, California  
Michael P. Pajor, South Bend, Indiana  
Andrew Lee Slaggert, Saginaw, Michigan  
Janette Marie Smith, David City, Nebraska  
Kimberley Lynn Sollinger, *With Honors*, Cincinnati, Ohio  
Mark Francis Telepak, Seven Hills, Ohio  
Michael David Thurnherr, Bayonet Point, Florida  
Paul Edward VanHoomissen, Danville, California  
Christine Marie Wassell, Charlotte, North Carolina  
Sharon Lee Young, Oakmont, Pennsylvania

# The College of Engineering

## THE DEGREE OF BACHELOR OF ARCHITECTURE ON:

Matthew Thomas Brehm, Palatine, Illinois  
David Richard Hill, South Bend, Indiana  
James Lee Wehner, Salix, Pennsylvania

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

James Joseph Lynn, Philadelphia, Pennsylvania

**THE DEGREE OF ELECTRICAL  
ENGINEERING ON:**

Shawn Joseph Gaffney, Chicago, Illinois

**THE DEGREE OF METALLURGICAL  
ENGINEERING ON:**

George Gary Calafactor, Aliquippa, Pennsylvania

# **The College of Business Administration**

**THE DEGREE OF BACHELOR OF BUSINESS  
ADMINISTRATION ON:**

Timothy Paul Cryan, Laurel Springs, New Jersey  
William Richard Jackomis, Redondo Beach, California  
Kirby Garrett Kinghorn, Indianapolis, Indiana  
Timothy Michael Kirk, St. Paul, Minnesota  
Gregory Paul Kujawa, West Seneca, New York  
Sharon Denise Miller, Elkhart, Indiana  
Thomas M. Monaghan, Grand Rapids, Michigan  
George Ryan Purcell, Rye, New York  
Sean Clement Ryan, Saratoga, California  
Mark Alan Sculati, La Crosse, Wisconsin  
Julia Marie Weisenberger, River Forest, Illinois



# ACADEMIC ATTIRE

Ceremonial garments worn at academic functions take their meaning from the original centers of learning of the Western world in the Church of the Middle Ages. Caps, hoods, and gowns of the early students and monks have been held through the centuries to be traditionally symbolic of the scholarly devotion so basic to education and to the deliberate and orderly evolution of knowledge.

The introduction of classical studies, the gradual rise of the great universities across Europe, and the ever-increasing awareness of the decisive role of education in the entire development of civilization influenced leaders among academicians in their desire for a singular identity. In the attempt to create this differentiation, educators fell upon the medieval system of classic heraldry, whereby the coat of arms, assorted ornamental trappings, and patterns of colorful design had been adopted to denote the distinctive character of designated chivalric orders. The function of "pedagogical heraldry" became, then, simply identification. As such, measures were taken to signify through distinctive markings on the academician's attire the institution that had granted the degree, the field of learning in which the degree had been earned, and the level of the degree - bachelor, master, or doctorate.

Of the three pieces of academic attire, the cap, the gown, and the hood, it is the hood that offers the most abundant and most readily discernible information about its owner. The inner lining of the hood identifies the institution at which the individual earned the degree. Some schools have adopted two-color patterns and introduced chevrons and bars in various designs to set themselves apart from other institutions. The velvet trim bordering the hood indicates the major field of learning, or faculty, in which the degree has been earned. The list at the conclusion of this section will explain this relationship. A final feature of the hood concerns its length and width and distinguishes further between holders of bachelor's, master's, and doctor's degrees. The length of the hood for the bachelor's

degree is three feet, closed at the bottom, and the velvet border is two inches. At Notre Dame, individuals receiving a bachelor's degree do not wear a hood. A master's degree holder has a hood three and one half feet in length with a three inch wide border, and is slit at the bottom. Those individuals with a doctorate degree wear a hood four feet in length, open at the bottom, with a five inch border.

The gown is usually black in color but some American universities, including Notre Dame, have adopted distinctive colors for their robes. Notre Dame doctorate degree robes are blue, reflecting one of its official colors.

The cut of the gown aids in differentiating between the three levels of degrees. The bachelor's gown is relatively simple and falls in straight lines from an elaborate yoke. It may be recognized most readily by the long, pointed sleeves. The master's gown is somewhat fuller and bears no adornment. The sleeves are oblong in shape and open at the wrist, with the rear part of the oblong square cut while the front edge has a cutaway arc. The doctor's gown is more elaborate with velvet panels down the front and around the neck of the garment. The sleeves are bell-shaped at the end and have three bars of the same material as the front panels at the upper portion of the arm. It is cut rather full and may be ornamental in color. Notre Dame's doctor's gown has royal blue velvet front panels with the University's shield embroidered in gold. The royal blue sleeve chevrons are outlined in gold.

The mortarboard or Oxford-type cap has been adopted throughout most universities in the United States, although Notre Dame's doctoral cap is a royal blue tam. Colored tassels are usually worn by holders of the bachelor's and master's degrees. These denote the field of learning. The list on the next page indicates the tassel colors. Gold tassels are reserved for those with doctorate degrees and governing officers of educational institutions.

## FACULTY COLORS

AGRICULTURE -----	Maize	NURSING-----	Apricot
ARTS, LETTERS, HUMANITIES -----	White	OPTOMETRY-----	Sea Foam Green
COMMERCE, ACCOUNTANCY, BUSINESS ----	Drab	ORATORY (SPEECH) -----	Silver Gray
DENTISTRY -----	Lilac	PHARMACY-----	Olive Green
ECONOMICS -----	Copper	PHILOSOPHY -----	Dark Blue
EDUCATION -----	Light Blue	PHYSICAL EDUCATION -----	Sage Green
ENGINEERING -----	Orange	PODIATRY-CHIROPODY -----	Nile Green
FINE ARTS, INCLUDING		PUBLIC ADMINISTRATION, INCLUDING	
ARCHITECTURE -----	Brown	FOREIGN SERVICE-----	Peacock Blue
FORESTRY -----	Russet	PUBLIC HEALTH -----	Salmon Pink
JOURNALISM -----	Crimson	SCIENCE -----	Golden Yellow
LAW -----	Purple	SOCIAL SCIENCE-----	Cream
LIBRARY SCIENCE -----	Lemon	SOCIAL WORK -----	Citron
MEDICINE -----	Green	THEOLOGY-----	Scarlet
MUSIC -----	Pink	VETERINARY SCIENCE -----	Gray

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

