

*The University of*

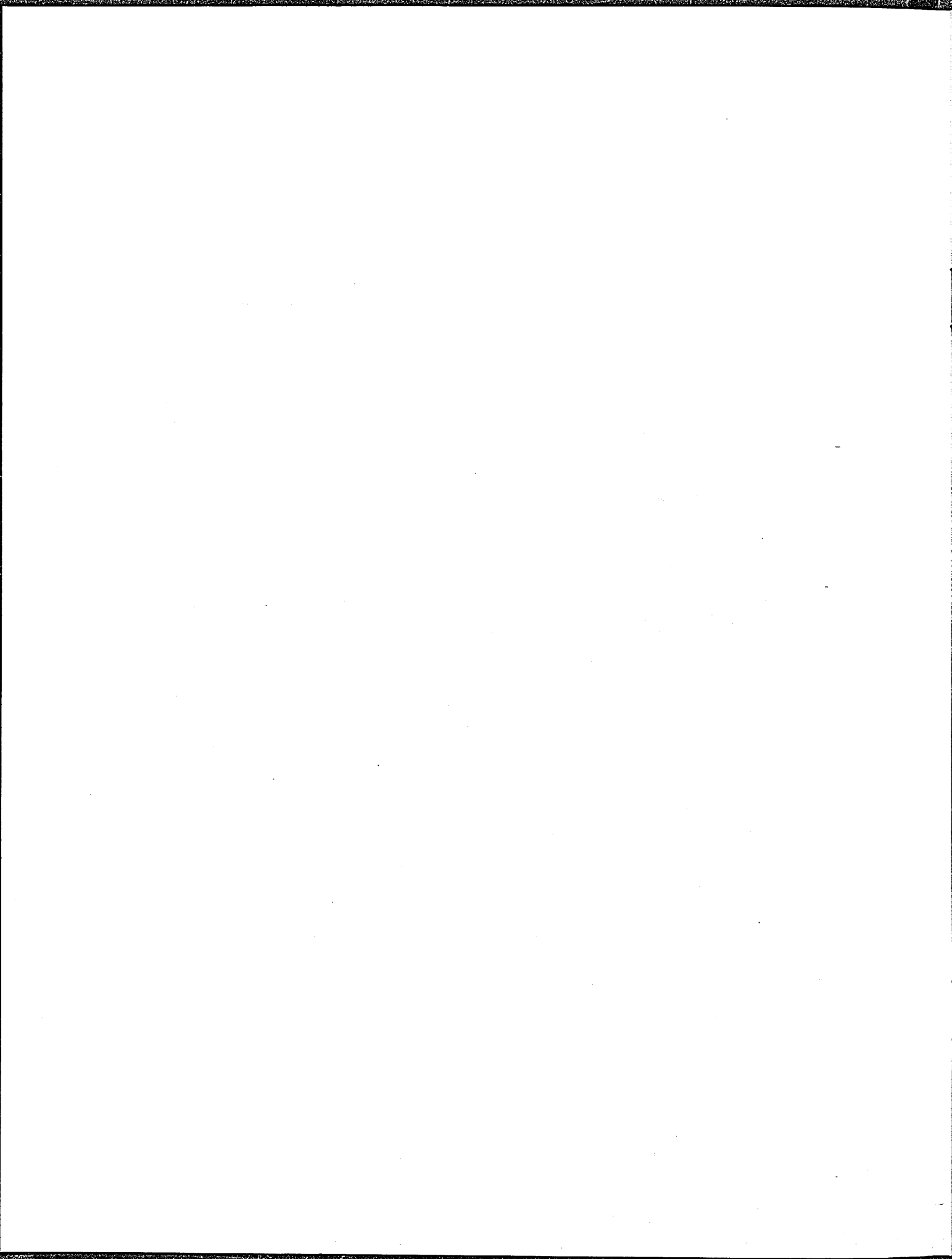
*Notre Dame du Lac*

*1987 Commencement*

*July 31*



OFFICIAL



*The University of*

*Notre Dame du Lac*

*1987 Commencement*

*July 31*



# Events of the Day

*Friday, July 31, 1987*

## 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

### *Presider and Homilist:*

The Reverend David B. Burrell, C.S.C.  
Professor of Philosophy/Theology  
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 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:*

Timothy O'Meara, Provost

### *Commencement Address:*

Catherine LaCugna  
Associate Professor of Theology  
University of Notre Dame

(Guests are requested to please be seated on the Concourse in the Joyce 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, July 31, 1987

*Presider and Homilist*  
The Reverend David B. Burrell, C.S.C.

*Deacon*  
The Reverend Mr. Patrick Malloy

*Lectors*  
Sr. St. Anthony Chrzanak, O.S.F.  
Raymond Topley

*Music Ministers:*  
*Director and Organist*  
Lynn M. Trapp

*Accompanist*  
Kenneth Thevenet

*Guitarist*  
Jay Fradet

*Cantor*  
Theresa Martin

*Psalmist*  
Michelle Rego

*Flutist*  
Lawrence Curran

*The Symphony Brass Quintet*  
Craig Heitger, trumpet  
Steve Reed, trumpet  
Peggy Brill, French horn  
Joe Hickner, trombone  
Jerry Lackey, tuba

# BACCALAUREATE MASS

## PRE-SERVICE MUSIC

<i>Two Ayres</i> .....	Adson
<i>Prelude</i> .....	Corelli
<i>Allegro</i> .....	Scheidt
<i>The Heavens Are Telling</i> .....	Marcello
<i>Canzon Duodecimi Toni</i> .....	Gabrieli

## ENTRANCE HYMN

### *All People That On Earth Do Dwell*

text: *W. Kethe*  
tune: *OLD HUNDREDTH*  
arr. *R. Vaughan Williams*

Choir only:

1. All peo - ple that on earth do  
 2. Know that the Lord is God in -  
 3. O en - ter then his gates with  
 4. For why? the Lord our God is  
 5. To Fa - ther, Son, and Ho - ly

dwell, Sing to the Lord with cheer - ful -  
 deed; With - out our aid he did us  
 praise; Ap - proach with joy his courts un -  
 ghost, The God whom heaven and earth a -

voice; Him serve with mirth, his  
 make; We are his folk, he  
 to; Praise, laud, and bless his  
 sure; His truth at all times  
 dore, From us and from the

praise forth tell, Come ye be - fore him,  
 doth us feed, And for his sheep he  
 Name al - ways, For it is seem - ly  
 firm - ly stood, And shall from age to  
 an - gel - host Be praise and glo - ry

and re - joice.  
 doth us take.  
 so to do.  
 age en - dure.  
 ev - er - more. A - men.

## OPENING PRAYER

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# Liturgy of the Word

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## READING I

Isaiah 2:1-5

*All the nations will stream to the mountain of God.*

## RESPONSORIAL PSALM

Psalm 98



All the ends of the earth\_ have seen\_ the pow-er of God;



All the ends of the earth\_ have seen the pow-er of God.\_

## READING II

1 Peter 2:4-5, 9-10

*You are a chosen race, a royal priesthood.*

## GOSPEL ACCLAMATION

*Please sing at the direction of the cantor.*



Al - le - lu - ia, al - le - lu - ia,



al - le - lu - ia, al - le - lu - ia, al - le - lu - ia.\_

## GOSPEL

Matthew 28:16-20

*Go and teach all nations.*

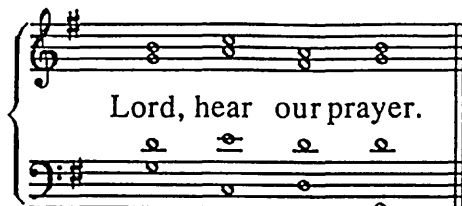
*It is customary for men, although not for women wearing academic garb, to have their caps removed during the Gospel and homily.*

## GOSPEL ACCLAMATION

*Please repeat the Gospel Acclamation at the direction of the cantor.*

## HOMILY

## GENERAL INTERCESSIONS



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# Liturgy of the Eucharist

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## PREPARATION RITE

*Canzona Septemi Toni à 8*.....Gabrieli

## 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.*

## SANCTUS

*Please sing at the direction of the cantor*

*Choir:* Holy, Holy ... power and might.

*People:*

Ho - ly, ho - ly, ho - ly Lord, God of pow'r and might,

*Choir:* heaven and earth ... God of power and might.

*People:*

God of pow'r and might,

*Choir:* Hosanna in the highest, hosanna in the highest, hosanna in the highest.

*People:*

Ho - san - na in the high - est. Ho san - na in the high - est. Ho - san - na in the high - est.

*Choir:* Blessed is he who comes in the name of the Lord.

*People:*

Ho - san - na in the high - est. Ho - san - na in the high - est. Ho - san - na in the high - est. Ho - san - na in the high - est.



MEMORIAL ACCLAMATION

When we eat this bread and drink this cup, we pro-  
claim your death, Lord Je-sus, un - til you come in glo-ry.

GREAT AMEN

A - - men. A - - - men. A -  
- - - - men. A - - - - men.

# Communion Rite

LORD'S PRAYER + DOXOLOGY

SIGN OF PEACE

BREAKING OF THE BREAD + AGNUS DEI

*Cantor:* Lamb of God. . .

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

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

grant us peace.

COMMUNION PROCESSION

*Taste and See*

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.

SONG OF THANKSGIVING

*Thine the Amen, Thine the Praise*

text: Herbert Brokering  
tune: Carl Schalk



All women 1. Thine the a - men thine the praise al - le - lu - ias an-gels raise  
All men 2. Thine the life e - ter - nal - ly thine the prom-ise let there be  
Choir alone 3. Thine the tru - ly thine the yes thine the ta - ble we the guest  
All 4. Thine the king-dom thine the prize thine the won - der full sur-prise  
All 5. Thine the glo - ry in the night no more dy - ing on - ly light



thine the ev - er - last-ing head thine the break-ing of the bread  
thine the vi - sion thine the tree all the earth on bend-ed knee  
thine the mer - cy all from thee thine the glo - ry yet to be  
thine the ban-quet then the praise then the jus - tice of thy ways  
thine the riv - er thine the tree then the Lamb e - ter - nal - ly



thine the glo - ry thine the sto - ry thine the har - vest then the cup  
gone the nail-ing gone the rail-ing gone the plead-ing gone the cry  
then the ring-ing and the sing-ing then the end of all the war  
thine the glo - ry thine the sto - ry then the wel - come to the least  
then the ho - ly ho - ly ho - ly cel - e - bra - tion ju - bi - lee



thine the vine-yard then the cup is lift-ed up lift-ed up.  
gone the sigh - ing gone the dy - ing what was loss lift-ed high.  
thine the liv - ing thine the lov - ing ev - er - more, ev - er - more.  
then the won - der all in - creas - ing at thy feast at thy feast.  
thine the splen - dor thine the bright-ness on - ly thee on - ly thee.

PRAYER AFTER COMMUNION

Closing Rite

BLESSING + DISMISSAL

POSTLUDE

*Allegro Maestoso* .....Handel  
*Trumpet Tune and Air* .....Handel

Acknowledgments

ALL THE ENDS OF THE EARTH (Psalm 98) by David Haas and Marty Haugen; GOSPEL ACCLAMATION and SANCTUS, MEMORIAL ACCLAMATION and GREAT AMEN from "A Festival Eucharist" by Richard Proulx; AGNUS DEI by David Clark Isele; and TASTE AND SEE by James E. Moore, Jr., copyright © GIA Publications, 7404 South Mason Ave., Chicago, Ill. 60638. Used with permission. License No. 1180. All rights reserved.

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The banners used in the Eucharist were designed by Anne McMillan, R.S.M., and executed with the assistance of Barbara Bamberger, I.H.M., Delores Dufner, O.S.B., Marguerite O'Brien, S.S.J., and Bridget Rolens, O.S.F.

*One Hundred*

*Forty-Second*

*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

Edmund P. Joyce Athletic and Convocation Center  
(Concourse)  
University of Notre Dame  
Notre Dame, Indiana  
At 11 a.m. (Eastern Standard Time)  
Friday, July 31, 1987

# Order of 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 James I. Taylor  
Acting Dean of the College of  
Engineering

The degree of Bachelor of Business  
Administration  
by Yusaku Furuhashi  
Dean of the College of  
Business Administration

## The Conferral of Degrees

The Provost of the University

## Commencement Address

Catherine LaCugna  
Associate Professor of Theology  
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:

**Wanxi Chen**, Hefei, Anhui, People's Republic of China

Major subject: Mathematics. Dissertation: Cartan's Conjecture: Defect Relations for Mero-morphic Maps from Parabolic Manifold to Projective Space. Director: Dr. Wilhelm F. Stoll.

**Brian Barnard Clayton**, Spokane, Washington  
Major subject: Philosophy. Dissertation: Conceptions of Human Nature and Political Theory. Director: Dr. James P. Sterba.

**Shuhfan Ding**, Taiwan, Republic of China  
Major subject: Government and International Studies. Dissertation: The Party-State Relationship in China Since 1978-1986. Director: Dr. Peter R. Moody, Jr.

**Jean L. Engelhardt**, Lawrenceburg, Indiana  
Major subject: Psychology. Dissertation: A Comparison of Static and Dynamic Assessment Procedures and Their Relation to Independent Performance in Preschool Children. Director: Dr. Jeanne D. Day.

**Malan Bhatki Gandhi**, Bombay, India  
Major subject: Mathematics. Dissertation: Invariant Distances on Manifolds. Director: Dr. Pit-Mann Wong.

**Stewart Calvin Goetz**, Notre Dame, Indiana  
Major subject: Philosophy. Dissertation: A Non-causal Theory of Agency. Director: Dr. Thomas P. Flint.

**Diane Marie Hemker**, Kalamazoo, Michigan  
Major subject: Biological Sciences. Dissertation: Metabolism and Uptake of Arachidonic Acid in the Microcirculation of the Fish Gill: Effects of Arachidonic Acid Metabolites and Cyclooxygenase Inhibitors on Hemodynamics, Perfusion Distribution and Water Influx in the Isolated Gill Arch of Rainbow Trout, *Salmo Gairdneri*. Director: Dr. Kenneth R. Olson.

**Romana Christina Huk**, St. Petersburg, Florida  
Major subject: English. Dissertation: Tradition, Synthesis, Vision, and Voice: Kathleen Raine's Poetry in Perspective. Director: Professor John E. Matthias.

**Julie Mary McDonald**, Glenview, Illinois  
Major subject: Philosophy. Dissertation: Moral Dilemmas and the Priority Thesis. Director: Dr. William D. Solomon.

**Bhanumati Nayak**, Bombay, India  
Major subject: Mathematics. Dissertation: Hermitian Morita Theory and the Unitary Groups. Director: Dr. Alexander J. Hahn.

**James A. Ott**, Pittsburgh, Pennsylvania  
Major subject: Economics. Dissertation: Union Concession Bargaining Outcomes: The Adlake/UAW Case Study. Director: Dr. Charles Craypo.

**Rose-Mary C. Sargent**, Haverhill, Massachusetts  
Major subject: Philosophy. Dissertation: Robert Boyle and the Experimental Ideal. Director: Rev. Ernan McMullin.

**Peter Andrew Smith**, Syosset, New York  
Major subject: English. Dissertation: Entropy in American Fiction. Director: Dr. Robert M. Slabey.

**Kathleen Jane Stirling**, Olympia, Washington  
Major subject: Economics. Dissertation: The Road to Financial Security for Divorced Women—Who Succeeds, Who Does Not, and Why. Director: Dr. Jennifer L. Warlick.

**Catherine Teresa Tobin**, Fermoy, Ireland  
Major subject: History. Dissertation: The Lowly Muscular Digger: Irish Canal Workers in Nineteenth Century America. Director: Dr. Philip Gleason.

**Bro. Albert Edward Wesley**, Brooklyn, New York  
Major subject: English. Dissertation: The Figure of Empedocles in Matthew Arnold's Writing. Director: Dr. Donald C. Sniegowski.

**Jaroslawn A. Wisniewski**, Warsaw, Poland  
Major subject: Mathematics. Dissertation: Length of Extremal Rays and Applications. Director: Dr. Andrew J. Sommese.

*Because of the early publication date of this commencement program, it should not be considered an official listing of graduates. Late changes to the listing of graduates are inevitable, particularly in the determination of graduation honors distinctions.*

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

- Jeffrey A. Alons**, Sioux Center, Iowa  
Major subject: English.
- Susan Jeanne Antonini**, Toledo, Ohio  
Major subject: English.
- Jean Muree Badry**, Mishawaka, Indiana.  
Major subject: Psychology. Thesis: Determinants of Quality of Care Administered by Nurses Aides in Extended Care Facilities. Director: Dr. Sheridan P. McCabe.
- Brenda Ann Ball**, Hinsdale, Illinois  
Major subject: English.
- Sr. Barbara Maria Bamberger, IHM**, Immaculata, Pennsylvania  
Major subject: Theology (Liturgical Studies).
- Rev. William J. Bellamy**, Mount Pearl, Newfoundland, Canada  
Major subject: Theology (Liturgical Studies).
- Ruth Ellen Bond**, Cambria, California  
Major subject: Theology (Liturgical Studies).
- William Brislin, TOR**, Winter Park, Florida  
Major subject: Theology (Liturgical Studies).
- James J. Brooks**, Bloomington, Indiana  
Major subject: Sociology. Thesis: Selected Determinants of Attitudes Towards a More Egalitarian Gender Ideology. Director: Dr. Richard A. Lamanna.
- Neil E. Brooks**, Bracebridge, Canada  
Major subject: English.
- Glenn Charles Joseph Byer**, Edmonton, Alberta, Canada  
Major subject: Theology (Liturgical Studies).
- Laura Jean Carpenter**, Youngstown, Ohio  
Major subject: American Studies. Thesis: Edith Wharton and the Decorative Arts: Avocation and Vocation. Director: Dr. Elizabeth A. Christman.
- Bro. James Carroll**, Staten Island, New York  
Major subject: History.
- Stiliani Chowdhury**, South Bend, Indiana  
Major subject: Psychology.
- Melva Jean Cook**, South Bend, Indiana  
Major subject: English.
- Kenneth C. Coughlin**, Broken Arrow, Oklahoma  
Major subject: Theology (Theological Studies).
- Jeannette Marie DeCelles**, South Bend, Indiana  
Major subject: Government and International Studies.
- Maria da Conceicao da Silva Duarte**, Hollister, California  
Major subject: Theology (Theological Studies).
- Ruth C. Duck**, Cambridge, Massachusetts  
Major subject: Theology (Liturgical Studies).
- Christine Anne Eisenbach, OP**, Toronto, Ontario, Canada  
Major subject: Theology (Liturgical Studies).
- Sr. Catherine Marie Galaskiewicz, O.P.**, Memphis, Tennessee  
Major subject: Theology (Theological Studies).
- Micheale Gauduchon**, Lucon, France  
Major subject: American Studies. Thesis: Paul Laurence Dunbar, Langston Hughes, Gwendolyn Brooks, Black American Poets. Director: Dr. Lawrence D. Hogan.
- Deanna M. Golden-Kreutz**, Columbus, Ohio  
Major subject: Psychology.
- Sr. Maureen Griner, O.S.U.**, Maple Mount, Kentucky  
Major subject: Theology (Liturgical Studies).
- Stephen V. Hale, CFC**, Honolulu, Hawaii  
Major subject: Theology (Liturgical Studies).
- Michael J. Hamann**, South Bend, Indiana  
Major subject: History.
- Edwin Ivan Hernandez**, Mayaguez, Puerto Rico  
Major subject: Sociology. Thesis: Selected Variables Related to Religious Commitment among Church Related Hispanic Seventh-Day Adventist Youth. Director: Rev. C. Lincoln Johnson.
- Stephen Augustus Hipp**, St. Paul, Minnesota  
Major subject: Philosophy.
- Elizabeth Anne Hoger**, Hyde Park, New York  
Major subject: Music. Thesis: The "Dramma per Musica" in the Secular Cantatas of Johann Sebastian Bach. Director: Dr. Calvin M. Bower.
- Andy J. Johnson**, Bruner, Missouri  
Major subject: Psychology. Thesis: Relationships Between Health Locus of Control and the Salient Dimensions Along Which Individuals Construe Illness. Director: Dr. Thomas V. Merluzzi.
- Kelly Suzanne Johnson**, Chattanooga, Tennessee  
Major subject: Theology (Liturgical Studies).
- Diane Karay**, Elkhart, Indiana  
Major subject: Theology (Liturgical Studies).
- Sheila M. Kennedy, SSJ**, Philadelphia, Pennsylvania  
Major subject: Psychology.
- Alice Ann Steele Ker**, Warsaw, Indiana  
Major subject: Music. Thesis: Cesar Franck's *Grande Piece Symphonique*: A Study in Nineteenth Century French Music Publication. Director: Dr. Calvin M. Bower.

- John Paul Knopp**, El Paso, Texas  
Major subject: Theology (Liturgical Studies).
- Sr. Anne Dolores LaPlante**, Dodge City, Kansas  
Major subject: Theology (Theological Studies).
- Joan Mary Laskey**, Southington, Connecticut  
Major subject: Theology (Liturgical Studies).
- Susanne Margarethe Lauscher**, Innsbruck, Austria  
Major subject: English.
- David H. Levesque**, Dilworth, Minnesota  
Major subject: History.
- Maureen Anne Loiello**, Charlottesville, Virginia  
Major subject: Psychology. Thesis: Religiosity and Life Satisfaction in Older Adults. Director: Dr. Sheridan P. McCabe.
- Sr. Regina Clare McCalla, S.S.J.**, Conshohocken, Pennsylvania  
Major subject: Theology (Liturgical Studies).
- Mark S. Mikel**, South Bend, Indiana  
Major subject: Psychology.
- Mohlabane Morudu**, Johannesburg, South Africa  
Major subject: Economics.
- Paul Cummings Nation**, Royal Oak, Michigan  
Major subject: Psychology.
- James Norris**, Rochester, New York  
Major subject: Communication Arts.
- Birgitta Maria Oey**, San Ramon, California  
Major subject: Psychology.
- Juventino Roque Olivares**, Brownsville, Texas  
Major subject: English.
- Mara Peter-Raoul**, Binghamton, New York  
Major subject: Theology (Theological Studies)
- Mary Ann Raeker**, Fridley, Minnesota  
Major subject: Psychology. Thesis: The Eating Disorders Inventory: A Construct Validity Study. Director: Dr. George S. Howard.
- Douglas John Reatini**, Grand Rapids, Michigan  
Major subject: Theology (Liturgical Studies).
- Sr. Bridget Kathleen Rolens, O.S.F.**, Springfield, Illinois  
Major subject: Theology (Liturgical Studies).
- Mark P. Scalese**, Dunmore, Pennsylvania  
Major subject: Theology (Theological Studies).
- Mario Schumacher, O.S.B.**, St. Joseph, Minnesota  
Major subject: Theology (Liturgical Studies).
- Janet Lynne Scott**, South Bend, Indiana  
Major subject: English.
- Robert M. Shearn**, Frackville, Pennsylvania  
Major subject: Theology (Theological Studies).
- Mary Susan Silveus**, Syracuse, Indiana  
Major subject: Government and International Studies.
- Michael John Smith**, Epworth, Iowa  
Major subject: English.
- Deborah Spencer**, Roanoke, Virginia  
Major subject: Economics.
- Thomas M. Summers**, Hacienda Heights, California  
Major subject: Theology (Theological Studies).
- Amy Collette Thompson**, Bellevue, Nebraska  
Major subject: Psychology.
- Noelle Topley**, Dublin, Ireland  
Major subject: Theology (Liturgical Studies).
- Raymond Topley**, Dublin, Ireland  
Major subject: Theology (Liturgical Studies).
- Bro. Donatus Vervoort**, Edmonton, Alberta, Canada  
Major subject: Theology (Liturgical Studies).
- James A. Yale**, St. Paul, Minnesota  
Major subject: English.
- Mary J. York**, Houston, Texas  
Major subject: Psychology. Thesis: A Comparison of Three Multiple Comparison Procedures for Highest Power: A Monte-Carlo Computer Simulation. Director: Dr. Scott E. Maxwell.
- Xiang-Guang Zhao**, Beijing, People's Republic of China  
Major subject: Government and International Studies

**THE DEGREE OF MASTER OF MUSIC ON:**

**Kenneth James Thevenet**, Baton Rouge, Louisiana

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

**Jeffrey Brian Barner**, Goshen, Indiana

Major subject: Physics.

**Adria E. Colletti**, Rockford, Illinois

Major subject: Biological Sciences. Thesis: Extraction and Metabolism of Catecholamines by the Isolated Perfused Gill of Rainbow Trout. Director: Dr. Kenneth R. Olson.

**Paul Matthew Denee**, Penfield, New York

Major subject: Mathematics.

**You-Hong Gong**, Beijing, People's Republic of China

Major subject: Mathematics.

**Mark Alson Gummin**, Florence, Wisconsin

Major subject: Physics.

**Heyong Mei**, Shanghai, People's Republic of China

Major subject: Chemistry. Thesis: Characterization of Monoclonal Antibodies Prepared Against Epitopes on Human Plasminogen and Its Kringle 1-3 Region. Director: Dr. Francis J. Castellino.

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

**William W. Romer**, Cincinnati, Ohio

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

**William Patrick Delaney**, Troy, Michigan

**Ashok Kolar Rao**, New Delhi, India

Thesis: Applications and Extensions of a Novel Recursive Estimation Algorithm with Selective Updating. Director: Dr. Yih-Fang Huang.

**Brian Louis Stuart**, Stanton, Tennessee

Thesis: A General Purpose Multi-Processor Computer Architecture. Director: Dr. David L. Cohn.

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

**Wenqing Liang**, Nanjing, People's Republic of China

**Devadatta Mukutmoni**, Calcutta, India

**THE DEGREE OF MASTER OF SCIENCE IN METALLURGICAL ENGINEERING AND MATERIALS SCIENCE ON:**

**T. S. Sriram**, Madras, India

Thesis: Modeling the Impact of Spherical Projectiles on Solid Surfaces. Director: Dr. Thomas H. Kosel.

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

**Gina Maria Ameduri**, South Bend, Indiana

**Deborah Amrhein**, East Chicago, Indiana

**Lynn Annis**, South Bend, Indiana

**Mohd Bin Atan**, Bahru, Malaysia

**Mary Bernard-Downing**, Chicago, Illinois

**Patricia Bogard**, Kalamazoo, Michigan

**Carol Ann White Bogol**, South Bend, Indiana

**Sr. Jeanne Boucher, C.S.C.**, Manchester, New Hampshire

**James A. Breen**, South Bend, Indiana

**Sr. Mary Brennan**, New York, New York

**Allene Brown**, Gary, Indiana

**Raymond Gene Carter, Jr.**, Youngstown, Ohio

**John Caskey**, Evanston, Illinois

**Leslie Jane Choitz**, South Bend, Indiana

**Sr. M. St. Anthony Chrzanek, O.S.F.**, Sylvania, Ohio

**Marc V. Colelli, C.S.B.**, Lake Charles, Louisiana

**Michele M. Collins**, Holidaysburg, Pennsylvania

**Janice Crocker**, Niles, Michigan

**Louise Stanley Cunningham**, Wilmington, Delaware

**Sr. Madeline D'Anjou**, Province, Quebec, Canada

**Sister Mary Barbara Daugherty, S.N.D.**, Middlebury, Virginia

**Mark Deponio**, Grosse Pointe, Michigan

**Bernice Dunk, OSF**, Clinton, Iowa

**Judith Beechy Dyck**, Goshen, Indiana

**John Ehlers**, Brighton, Massachusetts

**Marcia Ellis**, Grand Haven, Michigan

**Sr. Cecelia Marie Ferland**, Nashua, New Hampshire

**John R. Finley**, Cincinnati, Ohio

**Joyce Marie Shiplov Gast**, Chicago, Illinois

**Gretchen Gilroy, O.S.F.**, Syracuse, New York

**Imelda Gonzalez, CPD**, San Antonio, Texas

**Mary Irene Gormley, R.S.M.**, Atlantic City, New Jersey

**Barbara J. Hanson**, Moorehead, Minnesota

**Kim Happel**, Readlyn, Iowa

**Sr. Dorothy Hartman**, Columbus, Ohio

**David H. Hass**, Lansing, Michigan

**Linda Hayes, O.P.**, Springfield, Illinois

**Barbara Anne Hepperle, SND de N**, Chicago, Illinois



Patrick Joseph Hess, Vincennes, Indiana  
 Carol Hurtt, Cincinnati, Ohio  
 Aimee R. Jambor, Brainerd, Minnesota  
 Jerald Juliano, Chicago, Illinois  
 Steven M. Kastner, Huntington, Indiana  
 Mary P. Kearney, Monaghan, Ireland  
 Barbara Kepka, Lake, Indiana  
 Frances Helen Bernard Kominkiewicz,  
 Mishawaka, Indiana  
 Sr. Susanna Laundry, O.S.U., Shawnee Mission,  
 Kansas  
 Susan Lenz, Crown Point, Indiana  
 Joan F. Lowe, Newfoundland, Canada  
 Mary Sue Ludwig, Evansville, Indiana  
 Barbara Markovich, Pueblo, Colorado  
 Shereen Martin, Melrose, Massachusetts  
 Marylyn M. McDonald, O.P., Palm Beach  
 Gardens, Florida  
 Gregory Mock, Mishawaka, Indiana  
 Robin Mock, Mishawaka, Indiana  
 William Nordenbrock, Coldwater, Ohio  
 Michael O'Neil, Niles, Michigan  
 Maeve Ann O'Reilly, Bundoran, Ireland  
 Daniel L. Oehrle, Butte, Montana  
 Omintha Rachelle Petrie, Dayton, Ohio  
 Rosanne A. Philippe, Ypres, Belgium  
 Michael J. Reynolds, Drogheda, Ireland  
 Sylvia Rohrbough, South Bend, Indiana  
 Debra Runyan, Hammond, Indiana  
 Rosemary A. Ryan, South Bend, Indiana  
 Carol Bennett Seager, Springfield, Illinois  
 Sr. Katherine Mary Shea, M.M.M., City Island,  
 New York  
 Thomas Griffin Sluby, Washington, D.C.  
 Andrew John Sosnowski, Chicago, Illinois  
 Martha Jayne Spencer, Michigan City, Indiana  
 Eve Sullivan, Hammond, Indiana  
 Sister Madonna Swintkoske, Green Bay, Wisconsin  
 Susan Sypniewski, Freeport, Illinois  
 Marcia L. Tinsley, Gary, Indiana  
 Patrick Michael Trimboli, Massena, New York  
 Lyn Eazsol Urgonski, North Liberty, Indiana  
 Virgil Villaflor, Manila, Philippines  
 John Voorde, South Bend, Indiana  
 Janice M. Wahlers, Berea, Ohio  
 Susan Elaine Walker, South Bend, Indiana  
 Sister Rita Mary Wasserman, R.S.M., Fremont,  
 Ohio  
 Patrick David Weil, South Bend, Indiana

## In the Law School

### THE DEGREE OF MASTER OF LAWS ON:

Nicola Claudio Bonucci, Neuilly sur  
 Seine, France  
 James Dupree Carriere, London, England  
 Charles Allen Graham, Marion, Indiana  
 Francis Daniel Nina, Garden Hills, Guayanbo,  
 Puerto Rico  
 Robert McCollough Spence, Birmingham,  
 Alabama

### THE DEGREE OF JURIS DOCTOR ON:

Luis G. Flores, Chicago, Illinois

# The College of Arts and Letters

## THE DEGREE OF BACHELOR OF ARTS ON:

Michael Lawrence Cardinale, Upper Montclair,  
New Jersey  
Gregory Andrew Fleming, Grosse Pointe Woods,  
Michigan  
Carolyn Joan Giedraitis, Scottsdale, Arizona  
Kevin G. Jennings, Chicago, Illinois  
José A. Loya, Las Vegas, Nevada  
Thomas Arnotis Lynch, Holiday, Florida  
Mark Evan Lyon, South Bend, Indiana  
Barbara Mackey-Fleury, Elkhart, Indiana  
Jeanne Anne Morin, Watkins Glen, New York  
Brian Boru Quinn, Morrison, Colorado  
Kevin Michael Shelley, North Massapequa,  
New York  
Marianthi Touroutoglou-Hahn, *With Honors*,  
Thessaloniki, Greece  
Christopher Leo Walton, Southfield, Michigan  
Diann Elizabeth Williams, Hanover,  
Massachusetts

# The College of Science

## THE DEGREE OF BACHELOR OF SCIENCE ON:

Joy E. Cook, Notre Dame, Indiana  
Renee Ann Despres, Granger, Indiana  
Colleen Margaret Murphy, Chicago, Illinois  
Brian James Walsh, Chicago, Illinois  
Martia Paula West, Boston, Massachusetts

# The College of Engineering

## THE DEGREE OF BACHELOR OF ARCHITECTURE ON:

Gary Rogers Cooper, Brooklyn, New York  
Audrey J. Johnson, South Bend, Indiana  
Carl Edgar Wiggins, Jr., East Orange, New Jersey

# The College of Business Administration

## In the Undergraduate Division

## THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION ON:

John Gerard Carson, Haddonfield, New Jersey  
William Lewis Chun, North Little Rock, Arkansas  
Kenneth Frederick Koehn, Homewood, Illinois  
David John Noone, Glens Falls, New York  
Daniel Joseph Sexton, South Bend, Indiana  
Robert Joseph Smith, Philadelphia, Pennsylvania  
Didik Soedarmadi Soekarmoen, South Bend,  
Indiana  
Dan Eric Wassenhove, Mishawaka, Indiana  
Joan Marie Wrappe, Little Rock, Arkansas

## 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 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 served 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*

