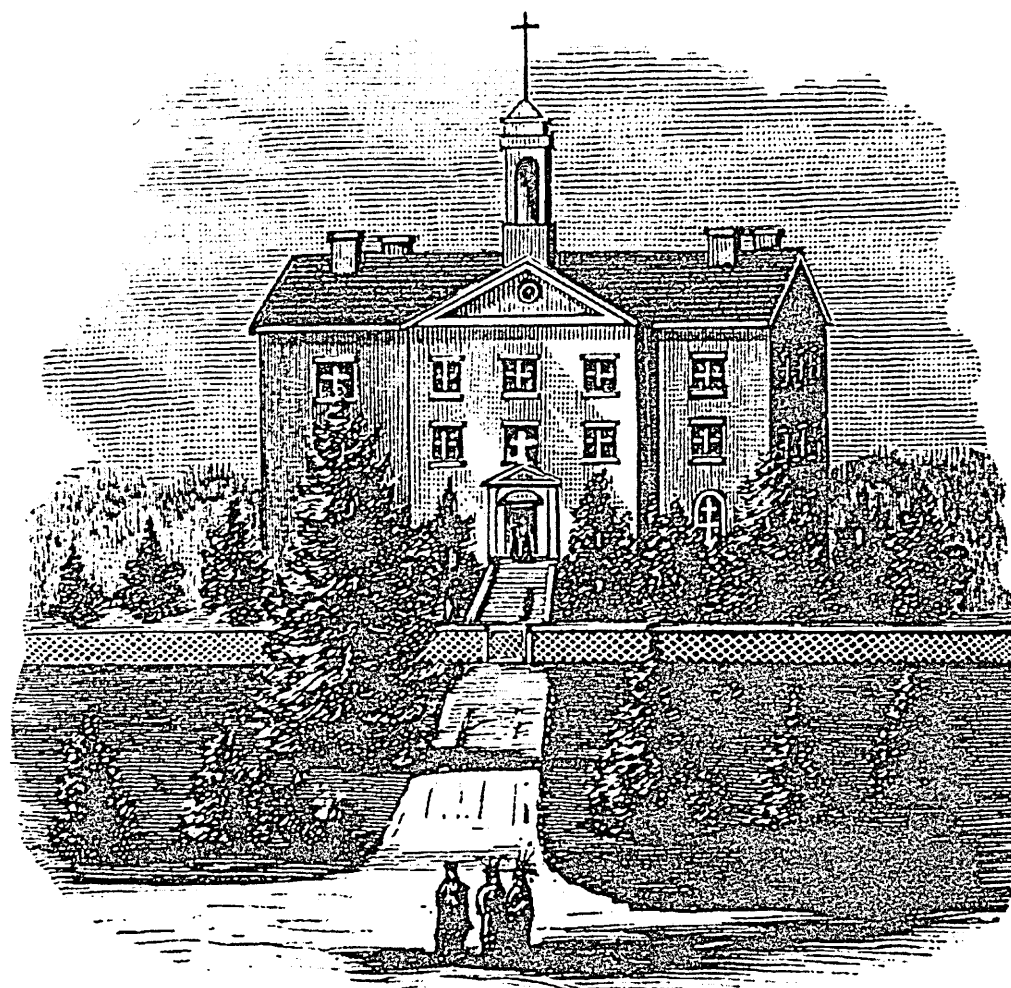


THE
COMMENCEMENT
EXERCISES

Friday,
August 4, 1995

Joyce Center
University of Notre Dame
Notre Dame, Indiana

OFFICIAL



The original Main Building, built in 1844, as provided by University Archives.

THE *150th*
COMMENCEMENT
EXERCISES

Friday,
August 4, 1995

Joyce Center — Concourse
University of Notre Dame
Notre Dame, Indiana

Events of the Day

Friday, August 4, 1995

BACCALAUREATE MASS

- 8:30 a.m. Graduates and Faculty assemble for Academic Procession to the Basilica of the Sacred Heart: the second floor corridor of the Main Building
- 8:40 a.m. Procession Begins. (Please note: If the weather is inclement, the procession will be canceled. Proceed directly to the Basilica.)
- 9:00 a.m. Concelebrated Baccalaureate Mass: the Basilica of the Sacred Heart

Principal Celebrant and Homilist

Rev. John H. Pearson, C.S.C.
Assistant Professor, Law School
University of Notre Dame

Concelebrants

Priests who will be receiving degrees, priest members of the faculty, and priest members of the Congregation of the Holy Cross

COMMENCEMENT EXERCISES CONFERRAL OF DEGREES

- 10:25 a.m. Graduates and faculty assemble in the Auxiliary Gym of the Joyce Center
- 10:50 a.m. Academic Procession begins
- 11:00 a.m. Conferring of Degrees Ceremony in the Joyce Center Concourse

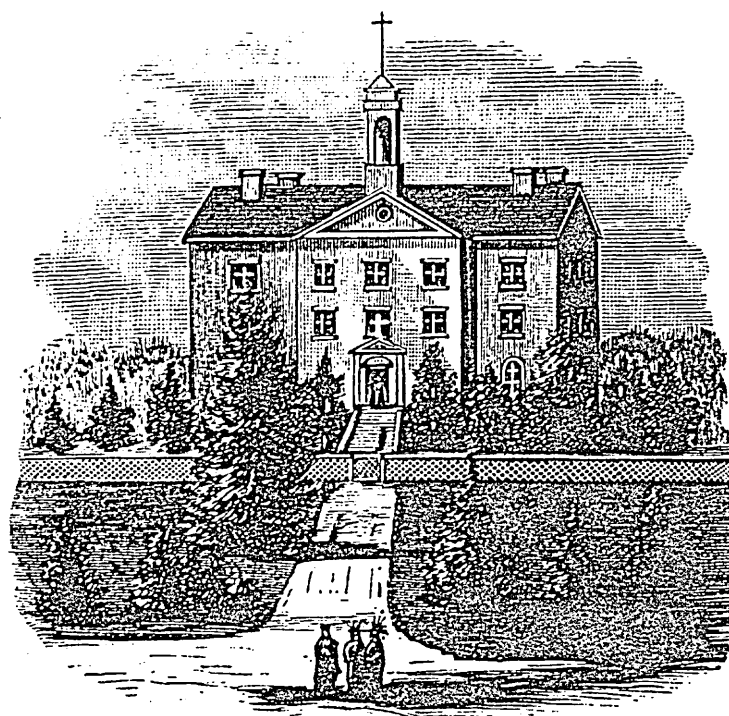
Presiding Officer

Timothy O'Meara, Ph.D.
Provost of the University

Commencement Address

Patrick E. Murphy, Ph.D.
Chair, Department of Marketing
University of Notre Dame

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



The original Main Building, built in 1844, as provided by University Archives.

THE *the*
BACCALAUREATE
MASS

Friday, August 4, 1995
9 a.m. EST

Basilica of the Sacred Heart
University of Notre Dame
Notre Dame, Indiana

Principal Celebrant and Homilist
Rev. John Pearson, C.S.C.

Organist
Andrew McShane

Cantor
Timothy J. Schorn '95 Ph.D.

The Quintessence Brass

BACCALAUREATE MASS

Opening Rites

ACADEMIC PROCESSION

Trumpet Voluntary Stanley

OPENING HYMN

God, We Praise You

tune: Nettleton



1. God, we praise you! God, we bless you! God, we
 2. True, a - pos - tles, faith - ful proph - ets, Saints who
 3. Je - sus Christ, the king of glo - ry, Ev - er -
 4. Christ, at God's right hand vic - to - rious, You will



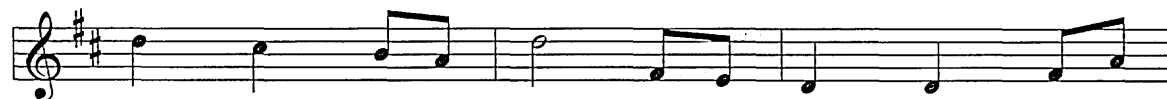
name you sov - 'reign Lord! Might - y. King whom an - gels
 set their world a - blaze, Mar - tyrs, once un - known, un -
 last - ing Son of God, Hum - ble was your vir - gin
 judge the world you made; Lord, in mer - cy help your



wor - ship, Fa - ther, by your church a - dored: All cre -
 heed - ed, Join one grow - ing song of praise, While your
 moth - er, Hard the lone - ly path you trod: By your
 ser - vants For whose free - dom you have paid: Raise us



a - tion shows your glo - ry, Heav'n and
 church on earth con - fess - es One ma -
 cross is sin de - feat - ed, Hell con -
 up from dust to glo - ry, Guard us



earth draw near your throne, Sing - ing "Ho - ly, ho - ly,
 jes - tic Trin - i - ty: Fa - ther, Son, and Ho - ly
 front - ed face to face, Heav - en o - pened to be -
 from all sin to - day; King en - throned a - bove all



ho - ly, Lord of hosts, and God a - lone!"
 Spir - it, God, our hope e - ter - nal - ly.
 liev - ers, Sin - ners jus - ti - fied by grace.
 prais - es, Save your peo - ple, God, we pray.

PENITENTIAL RITE

OPENING PRAYER

LITURGY OF THE WORD

READING I

Leviticus 23: 1, 4-11, 15-16, 27, 34-37

Please be seated.

RESPONSORIAL PSALM

Psalm 81: 3-4, 5-6, 10-11

Guimont



GOSPEL ACCLAMATION



GOSPEL

Matthew 13: 54-58

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

HOMILY

Rev. John Pearson, C.S.C.

Please be seated.

GENERAL INTERCESSIONS



LITURGY OF THE EUCHARIST

PREPARATION OF THE GIFTS

Please be seated.

Pavane William Byrd

Fantasia William Boyce

Eucharistic Prayer

INTRODUCTORY DIALOGUE + PREFACE

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

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



GREAT AMEN

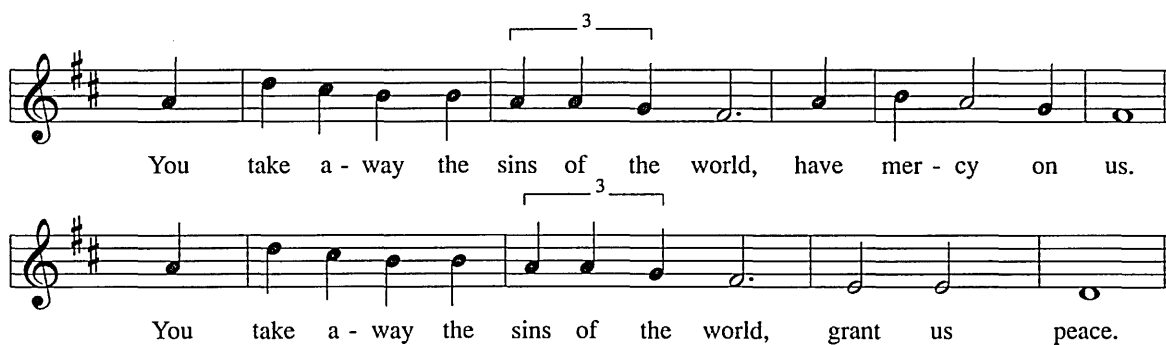


Communion Rite

LORD'S PRAYER + SIGN OF PEACE

BREAKING OF THE BREAD + AGNUS DEI

Cantor: Lamb of God...



RECEPTION OF COMMUNION

I Received the Living God

Arr. by Richard Proulx



PRAYER AFTER COMMUNION

Closing Rites

ALMA MATER

Notre Dame, Our Mother

*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.*

CLOSING HYMN

Alleluia, Sing To Jesus

tune: Hyfrydol

1. Al - le - lu - ia! Sing to Je - sus! His the
2. Al - le - lu - ia! Bread of An - gels, Here on
3. Al - le - lu - ia! King e - ter - nal, You the
scep - ter, his the throne; Al - le - lu - ia!
earth our food, our stay! Al - le - lu - ia!
Lord of lords we own; Al - le - lu - ia!
his the tri - umph, His the vic - to - ry a - lone;
here the sin - ful Flee to you from day to day:
born of Ma - ry, Earth your foot stool, heav'n your throne:
Hark! the songs of peace - ful Zi - on Thun - der
In - ter - ces - sor, friend of sin - ners, Earth's re -
You, with - in the veil, have en - tered, Robed in
like a might - y flood; Je - sus out of
deem - er, plead for me, Where the songs of
flesh, our great high priest; Here on earth both
ev - 'ry na - tion Has re - deemed us by his blood.
all the sin - less Sweep a - cross the crys - tal sea.
priest and vic - tim In the eu - cha - ris - tic feast.

Acknowledgements

Psalm 81 by Michael Guimont, *Sanctus, Memorial Acclamation, Great Amen* (from the Community Mass) by Richard Proulx, *Lamb of God* by David Isele, printed with permission of GIA Publications, Inc. 7404 S. Mason Ave., Chicago, IL under license no. 1180. All rights reserved.

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THE *the*
COMMENCEMENT
EXERCISES

Friday, August 4, 1995
11 a.m. EST

Joyce Center – Concourse
University of Notre Dame
Notre Dame, Indiana



The Graduate School

The Law School

The College of Arts and Letters

The College of Science

The College of Engineering

The School of Architecture

*The Graduate and Undergraduate Divisions
of the College of Business Administration*

ORDER OF EXERCISES

Processional

by Harold L. Pace, Ph.D.
University Registrar

America, the Beautiful Ensemble and Audience

Bates-Ward

*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 Doctor of Philosophy degree
by James H. Powell, Ph.D.
Associate Dean of the Graduate School

The *Juridicae Scientiae Doctor* and *Legum Magister*
degrees
by Patricia C. Leonard, J.D.
Assistant Dean of the Law School

The Master degree
by James H. Powell, Ph.D.
Associate Dean of the Graduate School

The Master of Science in Administration degree
by Edward R. Trubac, Ph.D.
Associate Dean of the College of
Business Administration

The Bachelor degree in the College of
Arts and Letters
by Harold W. Attridge, Ph.D.
Dean of the College of Arts and Letters

The Bachelor degree in the College of Science
by A. Graham Lappin, Ph.D.
Chair of Chemistry and Biochemistry

The Bachelor degree in the College of Engineering
by James I. Taylor, Ph.D.
Associate Dean of the College of Engineering

The Bachelor degree in the School of Architecture
by Norman A. Crowe, Ph.D.
Professor of Architecture

The Bachelor degree in the College of Business
Administration
by Edward R. Trubac, Ph.D.
Associate Dean of the College of
Business Administration

Commencement Address*

by Patrick E. Murphy, Ph.D.
Chair of the Department of Marketing

Closing of the Convocation

The Provost of the University

Notre Dame, Our Mother* - (Alma Mater) Ensemble and Audience

O'Donnell-Casasanta

*Notre Dame, Our Mother, tender,
strong and true
Proudly in the heavens gleams thy
gold and blue.
Glory's mantle cloaks thee, golden
is thy fame
And our hearts forever praise thee,
Notre Dame;
And our hearts forever love thee,
Notre Dame.*

Recessional of the Platform Party

*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.

The Graduate School

THE DEGREE OF DOCTOR OF PHILOSOPHY ON:

Tristan Anne Borer, San Antonio, Texas

Major Subject: Government
Dissertation: Challenging the State: Churches as a
Political Actors in South Africa, 1980-1990
Director: Dr. A. Peter Walshe

Caroline Jobson Brennan, Valley Cottage, New York

Major Subject: Psychology
Dissertation: Risky Ventures: Self-Handicapping
Processes in Romantic Relationships
Director: Dr. Ann P. Ruvolo

David John Carrier, Frederick, Maryland

Major Subject: Economics
Dissertation: The Evolution of the U.S. Economy,
1948-1992: An Empirical Model of Structural and
Institutional Change
Director: Dr. Lawrence C. Marsh

Wojciech Chacholski, Notre Dame, Indiana

Major Subject: Mathematics
Dissertation: On the Functors CW_A and P_A
Director: Dr. William G. Dwyer

Mark Andrea Antonio de Cataldo, Milano, Italy

Major Subject: Mathematics
Dissertation: Codimension Two Subvarieties of
Quadrics
Director: Dr. Andrew J. Sommese

William Michael Dickson, Jr., Columbia,
South Carolina

Major Subject: Philosophy
Dissertation: Probability and Locality: Determinism
Versus Indeterminism in Quantum Mechanics
Director: Dr. James T. Cushing

Joseph William Fink, South Bend, Indiana

Major Subject: Psychology
Dissertation: Cognitive Structure of Emotion
Appraisals Among Repressive and Nonrepressive
Copers: An Individual Differences Multidimensional
Scaling Approach
Director: Dr. Thomas V. Merluzzi

Emilio Jorge González Galván, Guanajuato, Mexico

Major Subject: Mechanical Engineering
Dissertation: Application of Servoable Cameras in
Three-Dimensional Camera-Space Manipulation
Director: Dr. Steven B. Skaar

Kelly Hamilton, South Bend, Indiana

Major Subject: History & Philosophy of Science
Dissertation: The Philosophical Significance of
Wittgenstein's Engineering Training for the
Tractatus Logico-Philosophicus
Codirectors: Rev. Ernan McMullin and
Dr. J. Robert Wegs

Gordon John Hoover, Toronto, Canada

Major Subject: Biochemistry
Dissertation: Structure-Function Relationship
between Kringle 1 of Human Plasminogen and It's
 ω -Amino Acid Binding Site
Director: Dr. Francis J. Castellino

Muhammad Mazhar Iqbal, Gujrat, Pakistan

Major Subject: Economics
Dissertation: Corporate Restructuring, Debt
Financing, and an Interest-Free Alternative
Director: Dr. Martin H. Wolfson

Daniela L. Kohen, Buenos Aires, Argentina

Major Subject: Chemistry
Dissertation: Phase Space Distribution Function
Approach to Molecular Dynamics in Solution
Director: Dr. David J. Tannor

William Clement Kuru, Fond du Lac, Wisconsin

Major Subject: Chemical Engineering
Dissertation: Primary and Secondary Interfacial
Disturbances in Horizontal Cocurrent Flows
Director: Dr. Mark J. McCready

Sharon LaBranche, North Egremont, Massachusetts

Major Subject: English
Dissertation: Denise Levertov and the Ethics of
Poetry: A Legacy of Romantic Vision and Revision
Codirectors: Dr. Stephen A. Fredman and
Dr. Greg P. Kucich

Luis Fernando López Cobo, Cali, Colombia

Major Subject: Economics
Dissertation: A Macroeconometric Model for
Simulations of the Colombian Economy in the
Middle Term
Director: Dr. Jaime Ros

Kurt Andrew Mills, Greenfield, Massachusetts
Major Subject: Government
Dissertation: The New Sovereignty: The Changing
Humanitarian Agenda in the Emerging Global Order
Director: Dr. Gilbert D. Loescher

Shu Nakamura, Maebashi, Japan
Major Subject: Mathematics
Dissertation: The Classification of the Third
Reductions with a Spectral Value Condition
Director: Dr. Andrew J. Sommese

Reynold F. Nesiba, St. Paul, Nebraska
Major Subject: Economics
Dissertation: Interstate Banking and Community
Reinvestment: An Evaluation of How Bank Mergers
and Acquisitions Influenced Residential Lending
Patterns in St. Joseph County, Indiana, 1985-1993
Director: Dr. Martin H. Wolfson

Issa Antoine Nesnas, Jerusalem
Major Subject: Mechanical Engineering
Dissertation: Proper Kinematic Constraint Functions
for "Smart" Redundant Wrists
Director: Dr. Michael M. Stanišić

Kim Paffenroth, South Bend, Indiana
Major Subject: Theology
Dissertation: The Story of Jesus According to L
Codirectors: Dr. Gregory E. Sterling
and Dr. Harold W. Attridge

Jiwen Qian, Jilin, China
Major Subject: Chemistry
Dissertation: Wavepacket Approach to Triatomic
Photodissociation and Molecule-Surface Reactive
Scattering
Director: Dr. David J. Tanner

Timothy Jon Schorn, Stuart, Nebraska
Major Subject: Government
Dissertation: United Nations Intervention in Crises
of Authority and Failed States: A New Basis in
Theory and Practice
Director: Dr. Alan Dowty

Tzu-Yueh Julie Wang, Taiwan, Republic of China
Major Subject: Mathematics
Dissertation: The Truncated Second Main Theorem
and Diophantine Problems of Function Fields
Director: Dr. Pit-Mann Wong

Cara Jean Westmark, Dubuque, Iowa
Major Subject: Biochemistry
Dissertation: Part I: Phosphorylation of *Xenopus*
TFIIIA by an Oocyte Casein Kinase Part II: Effect
of Ribosomes on the Transcription of RNA
Polymerase III Genes
Director: Dr. Paul W. Huber

Cherng-Yih Yu, Taiwan, Republic of China
Major Subject: Mathematics
Dissertation: The Connective Real K -Theory of
Elementary Abelian 2-Groups
Director: Dr. Stephan A. Stolz

Duofeng Yue, Hefei, China
Major Subject: Materials Science & Engineering
Dissertation: Electrochemically Synthesized
Nanostructures on Aluminum
Director: Dr. Albert E. Miller

Baoquan Zhang, Notre Dame, Indiana
Major Subject: Sociology
Dissertation: From Planning to Market: Earnings
Inequalities in Urban China During the Transition
Period
Director: Dr. David S. Hachen, Jr.

Jianwei Zhang, Xingtang, Hebei, China
Major Subject: Chemical Engineering
Dissertation: Spectroscopic and Integral Equation
Studies of Reactivity and Preferential Solvation in
Supercritical Fluids
Director: Dr. Joan F. Brennecke

The Law School

THE DEGREE OF *JURIDICAE SCIENTIAE* DOCTOR ON:

Toomas Sillaste, Tartu, Estonia

THE DEGREE OF *LEGUM MAGISTER* ON:

Takahiko Asai, Kobe, Japan

Gina Adriana Carias Ryals, *Cum Laude*, Harrison,
Arkansas

Carole Georgette Coleman, *Magna Cum Laude*,
Norwich, Connecticut

Frédéric G. de Belay, Clermont-Ferrand, France

Guillermo A. Gatt-Corona, *Summa Cum Laude*,
Guadalajara, Mexico

Waldemar D. Halka, *Magna Cum Laude*, Marrero,
Louisiana

Gregor Kirchhof, *Magna Cum Laude*, Heidelberg,
Germany

Jesús L. Lares Hayashi, Guadalajara, Mexico

Jeng-Hsiung Li, Pingtung, Republic of China

Charles Scott Neal, Oak Ridge, Tennessee

Ziad Kamal Rahhal, *Cum Laude*, Beirut, Lebanon

Jens-Christoph Rieger, Bonn, Germany

Roland Schreiner, *Magna Cum Laude*, Vienna, Austria

The Graduate School

THE DEGREE OF MASTER OF MEDIEVAL STUDIES ON:

Bridget Kennedy Balint, Bloomfield Hills, Michigan
Major Subject: Medieval Studies

THE DEGREE OF MASTER OF ARTS ON:

Xabier Agirre Aranburu, Basque Country, Spain
Major Subject: International Peace Studies

Suzanne Aurora Altobello, Miramar, Florida
Major Subject: Psychology
Thesis: First Impressions and Disconfirmed
Expectations: Personalism and Affect in Impression
Formation
Director: Dr. William M. Webb

Bertha Kadenyi Amisi, Nairobi, Kenya
Major Subject: International Peace Studies

Barbara Elaine Baker, Inver Grove Heights,
Minnesota
Major Subject: International Peace Studies

Mary E. Bennett, Mildura Victoria, Australia
Major Subject: Theology

David Boyd, Port Glasgow, Scotland, United Kingdom
Major Subject: Theology

Catherine Clare Byrne, Johannesburg, South Africa
Major Subject: International Peace Studies

Arthur David Canales, Miami, Florida
Major Subject: Theology

Daniel Park Liu Chong, Torrence, California
Major Subject: International Peace Studies

Jennifer L. Clark, Shreveport, Louisiana
Major Subject: French

Catherine Cook-Wink, New York, New York
Major Subject: Art Studio

Angela-Mary Cornyn, Dowra, Ireland
Major Subject: Theology
Thesis: Schillebeeckx's Christology in Jesus, Christ
and Church
Director: Rev. Robert A. Krieg, C.S.C.

Sarah Dakin, Poughkeepsie, New York
Major Subject: Psychology
Thesis: Would You Throw This Out?: A Test and
Extension of the Norm Focus Theory to Recycling
Director: Dr. Raymond Reno

Mark Frederick Dalal, Canyon Country, California
Major Subject: Psychology

Christine R. DeLuca, Syracuse, New York
Major Subject: Theology

Patrick Joseph Derrig, Westland, Michigan
Major Subject: Communication Arts

Christian Yves Dupont, Jackson, Mississippi
Major Subject: Theology

Aimee Marie Ellenich, Allen, Texas
Major Subject: Psychology

Larissa Ann Fast, Toronto, Canada
Major Subject: International Peace Studies

Paul Philipp Firbas, Lima, Peru
Major Subject: Spanish
Thesis: Piratas, Cimarrones e Indigenas en el
Discurso Epico Colonial Americano. Estudio de
Armas Antarticas, Poema de Juan
de Miramontes y Zuazola
Director: Dr. José Anadón

Celso De Arruda Franca, Rio De Janeiro, Brazil
Major Subject: International Peace Studies

Joy Lynn Germundson, Northfield, Minnesota
Major Subject: Psychology

Jihad Jamil Hamad, Gaza-Beit Hanoun, Palestine
Major Subject: International Peace Studies

Victoria Alyse Holden, Shoreham, New York
Major Subject: Psychology

Tatre Jantarakolica, Bangkok, Thailand
Major Subject: Economics

Amy Johnson, Orlando, Florida
Major Subject: International Peace Studies

Deana Lynette Julka, Malone, Wisconsin
Major Subject: Psychology
Thesis: Investigating Attitude Functions: A Test of
the Matching Hypothesis
Director: Dr. Kerry L. Marsh

Thomas Michael Klemens, Richmond Heights, Ohio
Major Subject: American Studies
Thesis: Expatriates at Home: The American
Reaction to the Expatriate Novels of Ernest
Hemingway and F. Scott Fitzgerald, 1924-1934
Director: Dr. Robert P. Schmuhl

Andrew William Lamb, South Bend, Indiana
Major Subject: Philosophy

Sister Barbara Marie Link, O.S.F., Peoria, Illinois
Major Subject: Theology

Paul Pisak Vidhyaphum Lucas, Arlington, Virginia
Major Subject: Psychology

Carmela Lutmar, Kiryat Yam, Israel
Major Subject: International Peace Studies

Joan Holder McConnell, Starkville, Mississippi
Major Subject: Theology

Linda Mary McDermott, Dublin, Ireland
Major Subject: Communication Arts
Thesis: The Political Censorship of the Irish
Broadcast Media 1960-1994
Director: Dr. James M. Collins

Nichele Antoinette Moore, San Antonio, Texas
Major Subject: Government

Harold Michael Mullin, Golden, Colorado
Major Subject: Psychology

Kevin Arthur Murphy, Wilton, Connecticut
Major Subject: Economics

Maureen Mae O'Brien, Lewis, Kansas
Major Subject: History

Michelle Brigitte Parlevliet, Amsterdam, Netherlands
Major Subject: International Peace Studies

Milica M. Pejović, Belgrade, Yugoslavia
Major Subject: International Peace Studies
Thesis: Moral Development, Self Understanding,
and Forgiveness: A Comparison of Aggressive and
Prosocial Children
Codirectors: Dr. F. Clark Power and
Dr. Karen J. White

Phar Kim Beng, Penang, Malaysia
Major Subject: International Peace Studies

Shankar Ramachandran, Bombay, India
Major Subject: International Peace Studies

Angela M. Rhoe, Upper Marlboro, Maryland
Major Subject: English

Sister Rosemary Beth Riggie, Buffalo, New York
Major Subject: Theology

Kerry Ann Rockquemore, Jackson, Michigan
Major Subject: Sociology
Thesis: Locating the Invisible: Black Women
Coming to Voice
Director: Dr. Fabio B. Dasilva

Judith Estela Román Porcayo, Temixco, Morelos,
Mexico
Major Subject: International Peace Studies

Christopher Jason Runge, Granger, Indiana
Major Subject: Theology

Julie Salach-Simard, Ottawa, Canada
Major Subject: Theology

Lydia R. Skrynnikova, St. Petersburg, Russia
Major Subject: International Peace Studies

Cindy Hollenberg Snider, Fort Wayne, Indiana
Major Subject: International Peace Studies

David F. Steele III, Atlanta, Georgia
Major Subject: Government

Bruce Allen Steinway, New Britain, Connecticut
Major Subject: Theology

Su, Genxing, Beijing, China
Major Subject: International Peace Studies

Kevin Patrick Sullivan, Allen Park, Michigan
Major Subject: Theology

Jason Michael Thomas, South Bend, Indiana
Major Subject: French

Pamela Kay Thorpe, Goshen, Indiana
Major Subject: Psychology
Thesis: Motivational Correlates of Self-Regulation
in Academic Underachievers
Director: Dr. John G. Borkowski

My-Tien Ton, Roseville, Minnesota
Major Subject: Psychology

Elizabeth M. Toohey, Wheaton, Illinois
Major Subject: International Peace Studies

Daiva Diana Vaškevičiūtė-Smith, Vilnius, Lithuania
Major Subject: Government

Karen Anne Vlahutin, Parkersburg, West Virginia
Major Subject: Theology

Rev. James J. Vrba, De Witt, Iowa
Major Subject: Theology

Xiaoyu Wang, Beijing, China
Major Subject: Psychology
Thesis: Parent-Infant Play Style and Infants' Social
and Cognitive Development
Director: Dr. Julia Braungart-Rieker

Bruce Agar Weisse, Jr., Tunis, Tunisia
Major Subject: Economics
Thesis: The Japanese Pharmaceutical Industry in
Global Competition
Director: Dr. Candace Howes

Terri Lynn Ziacik, Lakeworth, Florida
Major Subject: Economics
Thesis: Monetary Integration in the European
Union: A Journey Without Maps
Director: Dr. Kwan S. Kim

THE DEGREE OF MASTER OF SCIENCE ON:

Yuexia Liang, Changchun, China
Major Subject: Chemistry
Thesis: Application of HPLC to the Study of
Reaction Mechanism of Quinone with
Radiolytically Produced Hydroxy Radical
Director: Dr. Robert H. Schuler

Stilianos-Nikolaos Vouzoukas, Serres, Greece
Major Subject: Physics

Zhong, Chunling, Beijing, China
Major Subject: Physics

THE DEGREE OF MASTER OF SCIENCE IN CHEMICAL ENGINEERING ON:

Chuan-Chih Chang, San Jose, Costa Rica
Major Subject: Chemical Engineering
Thesis: Macro and Micro-Kinetic Study of Titanium
Diboride Through Self-Propagating High-
Temperature Synthesis
Codirectors: Dr. Arvind Varma and
Dr. Paul J. McGinn

Toru Shiraha, Tokyo, Japan
Major Subject: Chemical Engineering
Thesis: Methane Conversion on La-Rh Catalysts
Director: Dr. Eduardo E. Wolf

**THE DEGREE OF MASTER OF SCIENCE IN
COMPUTER SCIENCE & ENGINEERING
ON:**

Theron William Nelson, Oakland City, Indiana

Major Subject: Computer Science and Engineering
Thesis: The Appcard: An Architecture-Independent
Mobile Coprocessor Card Tailored to Applications
Director: Dr. David L. Cohn

Vsevolod V. Panteleenko, Kiev, Ukraine

Major Subject: Computer Science and Engineering
Thesis: System Software Structure for APPCARD -
An Application-Specific Processor
Director: Dr. David L. Cohn

Qingyan Wang, Beijing, China

Major Subject: Computer Science and Engineering
Dissertation: Memory Constrained Partitioning and
Scheduling for Multi-dimensional Applications
Director: Dr. Edwin Hsing-Mean Sha

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

Alexander Balandin, Moscow, Russia

Major Subject: Electrical Engineering

Roberto Castañeda, Mexico City, Mexico

Major Subject: Electrical Engineering
Thesis: DC Limit Cycle Analysis of Delta-Operator
Systems Implemented in Fixed Point Arithmetic
Director: Dr. Peter H. Bauer

Yan Lin, Beijing, China

Major Subject: Electrical Engineering

Ramon Lladós Bernaus, Encamp, Andorra

Major Subject: Electrical Engineering

Phan Ngoc Huy, Chatenay Malabry, France

Major Subject: Electrical Engineering

**THE DEGREE OF MASTER OF SCIENCE IN
MATERIALS SCIENCE & ENGINEERING
ON:**

Haifeng Yang, Peking, China

Major Subject: Materials Science & Engineering
Thesis: A Study of Effects of Processing Variables
on the Y_2BaCuO_3 Distribution and Magnetic
Properties of Melt Processed $YBa_2Cu_3O_{7-x}$
Director: Dr. Paul J. McGinn

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

Gregory G. Janson, Ridgecrest, California

Major Subject: Mechanical Engineering
Thesis: Refined Experiments on Microsphere
Impacts with Planar Surfaces
Director: Dr. Patrick F. Dunn

Abhay Kumar, Ranchi, India

Major Subject: Mechanical Engineering
Thesis: Particle Behavior in Fluid Film Lubrication
Problems
Director: Dr. Steven Schmid

Christine Marie McCoy, Great Falls, Montana

Major Subject: Mechanical Engineering
Thesis: A Study of the Optimization of the
Aerodynamic Response and Noise of a Loaded
Cascade in Unsteady Flow
Director: Dr. Hafiz Atassi

Jane A. Zimmerman, Waterloo, Iowa

Major Subject: Mechanical Engineering
Thesis: Effect of Aging Treatment and Loading
Geometry on Shear Localization in Kalthoff Impact
Tests of C-300 Steel
Director: Dr. James J. Mason

The College of Business Administration

In the Graduate Division

THE DEGREE OF MASTER OF SCIENCE IN ADMINISTRATION ON:

Suesanna R. Blasko, Osceola, Indiana
Nancy McIntire Brown, *Magna Cum Laude*, Dakota,
Minnesota
Joanne Marie Clavel, O.S.F., *Cum Laude*, Spokane,
Washington
Nathaniel Ward Coffman, *Magna Cum Laude*,
Chicago, Illinois
Catherine L. Connors, *Cum Laude*, South Bend,
Indiana
Phillip G. Corporon, Granger, Indiana
Debra Denise Garner, South Bend, Indiana
Margaret Louise Gillis, C.S.M., Antigonish, Canada
Rosemarie Goodyear, *Magna Cum Laude*, Gander,
Canada
Rebecca White Gudorf, *Magna Cum Laude*,
South Bend, Indiana
Susan Mary Havens, *Cum Laude*, La Porte, Indiana
Justin Ted William Hertz, *Magna Cum Laude*,
Mount Angel, Oregon
Elaine Karen Karaszewski, South Bend, Indiana
Tracy Kline-Lipak, *Cum Laude*, Granger, Indiana
Melinda Manuel, South Bend, Indiana
Sr. Ann Hoa Nguyen, O.S.F., Baton Rouge, Louisiana
Patricia Converse Nowlin, *Magna Cum Laude*,
Elkhart, Indiana
Margaret Oakley, Kalamazoo, Michigan
Kevin Michael O'Hara, *Posthumously*, Fort Wayne,
Indiana
Christopher Blair Remington, Kenosha, Wisconsin
Linda L. Satkoski, *Cum Laude*, Union Mills, Indiana
Kevin William Sherbun, Mishawaka, Indiana
Barbara Ann Smith, *Cum Laude*, Grand Ledge,
Michigan
Lorie Lee Smith, Granger, Indiana
Caryn Stephanie Courant Swiatek, Chicago, Illinois
Scott Stephen Winsor, Perrinton, Michigan
Gui-min Zhang, *Cum Laude*, Beijing, China

The College of Arts and Letters

THE DEGREE OF BACHELOR OF ARTS ON:

Damien Emmett Begley, Dover, Delaware
Marc Anthony Brooks, Mitchellville, Maryland
Andrew John Budzinski, South Bend, Indiana
Richard McKenna Degnan II, Glen Gardner,
New Jersey
Christopher John Dewey, Missoula, Montana
Stephanie Anne Elson, Birmingham, Alabama
Stacy Fields, *Cum Laude*, North St. Paul, Minnesota
Kenneth Patrick Finley, Spring, Texas
William Stephen Foster, Woodbridge, Virginia
David Eduardo Hernandez, Miami, Florida
James Alan Hoerstman, Mishawaka, Indiana
Gregori Dolz Kerrigan, Barcelona, Spain
Faye Magdelene Kolly, Laredo, Texas
Elena S. Maene, Pago Pago, American Samoa
Jordan S. Maggio, New York, New York
Kevin Luke McGuire, Albuquerque, New Mexico
Anne E. McNarney, South Bend, Indiana
Alakesha R. Murray, New York, New York
Kristin Fay Neustadt, *Summa Cum Laude*, Arlington,
Texas
Robert E. O'Neil, Jr., Worcester, Massachusetts
Patrick Thomas Parry, Duluth, Minnesota
Valeria Petrozzi, Bloomfield Hills, Michigan
Andrew Ronald Saldino, San Diego, California
Ralph James Sandine, Youngstown, Ohio
S. O. Schittl, *Cum Laude*, Myersville, Maryland
Donna Marie Sherman, Delta, Ohio
Michael Delano Stewart, Taylor Ridge, Illinois
Stephen Vincent Susco, Notre Dame, Indiana
Lael Greenleaf Boochever Tyler, Anchorage, Alaska
Robert Andrew Velasco, Crown Point, Indiana
John Horn Wensinger, Fremont, Ohio

The College of Science

THE DEGREE OF BACHELOR OF SCIENCE ON:

Shawn Lane Beals, Pioneer, Ohio
Patricia Kelly Dwight, Huron, Ohio

The College of Engineering

THE DEGREE OF BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING ON:

Miryam Chavarría Romero, Madrid, Spain

THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING ON:

Nicholas Joseph Colacino, West Des Moines, Iowa

Vassilis Gontikas, Athens, Greece

Keith Ronald Johnson, Lemont, Illinois

Thomas Michael Schoaf, Litchfield Park, Arizona

Jason Jamal Williams, Indianapolis, Indiana

The School of Architecture

THE DEGREE OF BACHELOR OF ARCHITECTURE ON:

Robert Alan Caddigan, Randolph, Massachusetts

David Montgomery Nathe, Waynesboro, Virginia

The College of Business Administration

In The Undergraduate Division

THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION ON:

Brian Frederick Baumer, South Bend, Indiana

Matthew William Beaujon, Johnstown, Pennsylvania

Monica Cox, Hempstead, New York

Eric Alan Cunningham, Rockford, Michigan

Peter Joseph Curry, Santa Ana, California

Peter Louis Falzarano, Hollis, New Hampshire

Patrick Joseph Haigh, Puyallup, Washington

Peter John Larkins, Indianapolis, Indiana

Mark Andrew Lavery, Palmer, Pennsylvania

Jon Seung-pil Lindberg, *Cum Laude*, Erie,
Pennsylvania

Keith Earl Mallett, Houston, Texas

Patrick Charles McMonagle, Longmeadow,
Massachusetts

David Richard McNutt, Excelsior, Minnesota

Michael John Pavis, Bethlehem, Pennsylvania

Kelly Ann Smith, Plymouth Meeting, Pennsylvania

Angela Marie Tabash, *Cum Laude*, St. Louis, Missouri

Abid Yousuf, Karachi, Pakistan

FACULTY COLORS

AGRICULTURE Maize
 ARTS, LETTERS, HUMANITIES White
 COMMERCE, ACCOUNTANCY, BUSINESS Drab
 DENTISTRY Lilac
 ECONOMICS Copper
 EDUCATION Light Blue
 ENGINEERING Orange
 FINE ARTS, INCLUDING
 ARCHITECTURE Brown
 FORESTRY Russet
 JOURNALISM Crimson
 LAW Purple
 LIBRARY SCIENCE Lemon
 MEDICINE Green
 MUSIC Pink

NURSING Apricot
 OPTOMETRY Sea Foam Green
 ORATORY (SPEECH) Silver Gray
 PHARMACY Olive Green
 PHILOSOPHY Dark Blue
 PHYSICAL EDUCATION Sage Green
 PODIATRY-CHIROPODY Nile Green
 PUBLIC ADMINISTRATION, INCLUDING
 FOREIGN SERVICE Peacock Blue
 PUBLIC HEALTH Salmon Pink
 SCIENCE Golden Yellow
 SOCIAL SCIENCE Cream
 SOCIAL WORK Citron
 THEOLOGY Scarlet
 VETERINARY SCIENCE Gray

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

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 discernable 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 bellshaped 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 doctoral 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.

