

THE  
COMMENCEMENT  
EXERCISES

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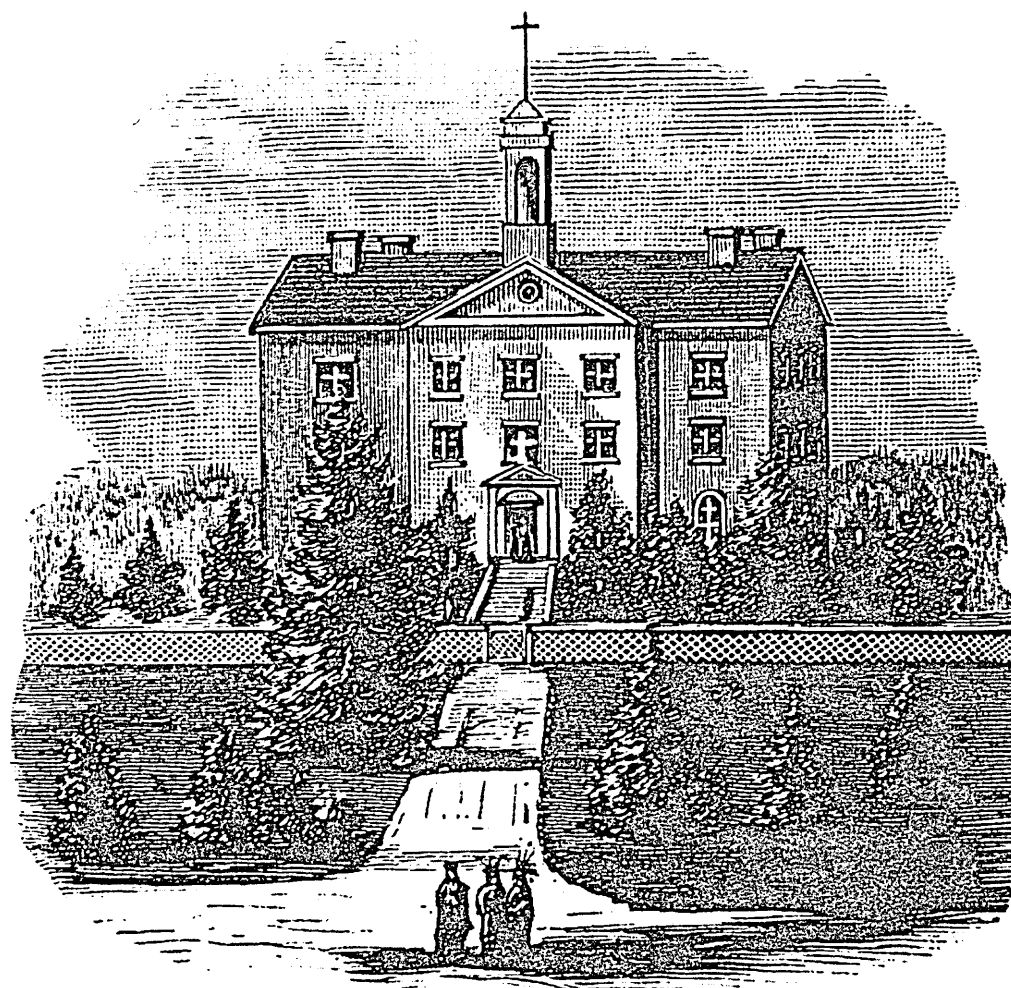
Friday,  
August 4, 1995

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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

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Friday,  
August 4, 1995

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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

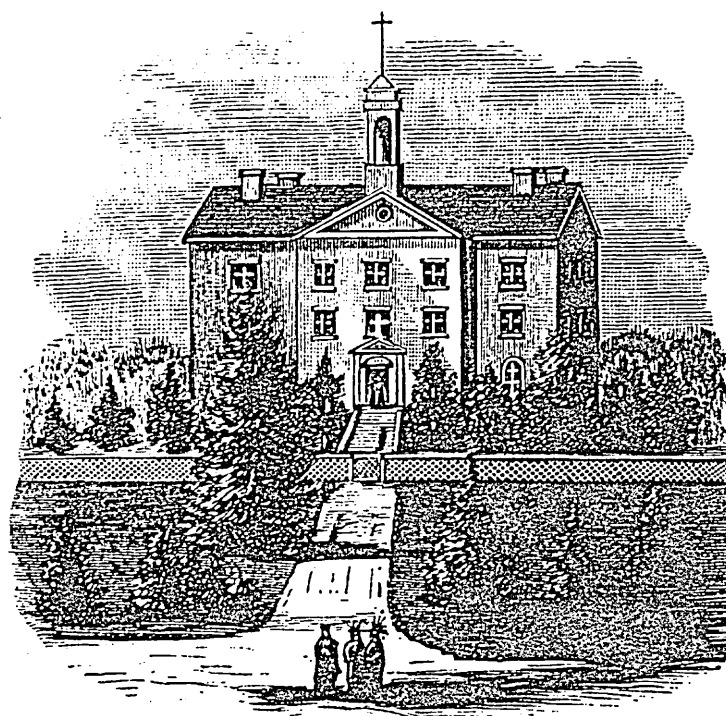
### *Presiding Officer*

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

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

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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



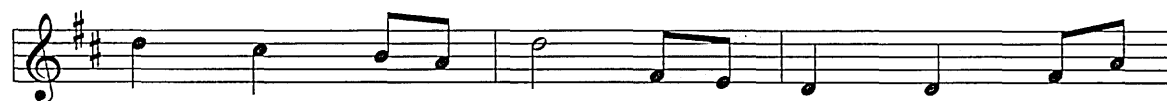
name you sov - 'reign Lord! Might - y. King whom an - gels  
 set their world a - blaze, Mar - tyrs, once un - known, un -  
 last - ing Son of God, Hum - ble was your vir - gin  
 judge the world you made; Lord, in mer - cy help your



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

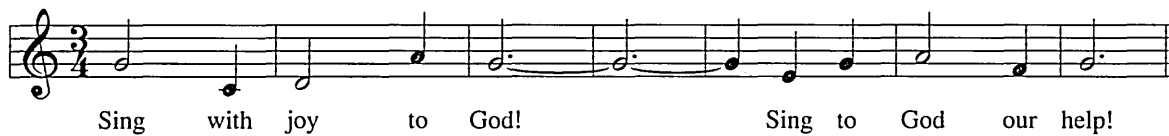
Leviticus 23: 1, 4-11, 15-16, 27, 34-37

*Please be seated.*

## RESPONSORIAL PSALM

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

*Guimont*



## GOSPEL ACCLAMATION



## GOSPEL

Matthew 13: 54-58

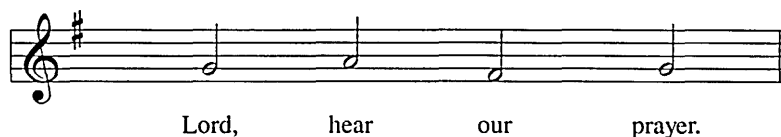
*It is customary for men,  
although not for women  
wearing academic garb,  
to have their caps removed  
during the Gospel and Homily.*

## 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

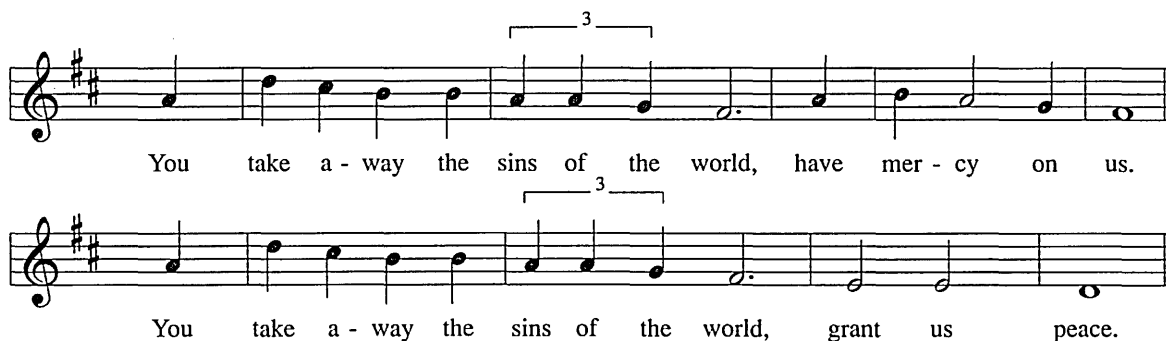


## Communion Rite

### 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.

*Notre Dame, Our Mother*, words by Rev. Charles L. O'Donnell, C.S.C., music by Joseph J. Casasanta. ©1960, Edwin H. Morris and Co., a division of M.P.L. Communications, Inc. International copyright secured. All rights reserved. Used with permission.

# THE COMMENCEMENT EXERCISES

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

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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  
 $\omega$ -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

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

# 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

**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.

