

One Hundred Fifteenth  
Commencement Exercises

OFFICIAL

JUNE EXERCISES  
THE 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 COLLEGE OF COMMERCE



On the University Mall  
At 1:30 p.m. (Central Daylight Time)  
June 5, 1960

## P R O G R A M

### PROCESSIONAL

PRESENTATION OF THE LAETARE MEDAL,  
to Dr. George N. Shuster

### CITATIONS FOR HONORARY DEGREES,

by the Reverend Chester A. Soleta, C.S.C.,  
Vice-President of Academic Affairs

### THE CONFERRING OF HONORARY DEGREES,

by the Reverend Theodore M. Hesburgh, C.S.C.,  
President of the University

### COMMENCEMENT ADDRESS,

by the Honorable Dwight D. Eisenhower,  
President of the United States

### PRESENTATION OF CANDIDATES FOR DEGREES,

by the Reverend Paul E. Beichner, C.S.C.,  
Dean of the Graduate School

by Joseph O'Meara,  
Dean of the Law School

by the Reverend Charles E. Sheedy, C.S.C.,  
Dean of the College of Arts and Letters

by Lawrence H. Baldinger,  
Dean of the College of Science

by Mario J. Goglia,  
Dean of the College of Engineering

by James W. Culliton,  
Dean of the College of Commerce

### THE CONFERRING OF DEGREES,

by the Reverend Theodore M. Hesburgh, C.S.C.,  
President of the University

### THE BLESSING,

by His Eminence Giovanni B. Cardinal Montini,  
Archbishop of Milan, Italy

# Degrees Conferred

The University of Notre Dame announces the conferring of:

*The Degree of Doctor of Laws, honoris causa, on:*

The Honorable Dwight D. Eisenhower, of Washington, D. C.  
His Eminence Giovanni B. Cardinal Montini, of Milan, Italy  
Most Reverend Martin J. O'Connor, of Rome, Italy  
Dr. Victor Andres Belaunde, of Lima, Peru  
Mr. J. Peter Grace, Jr., of New York, New York  
Dr. Kenneth Holland, of New York, New York  
Dr. Raymond J. Sontag, of Berkeley, California

*The Degree of Doctor of Science, honoris causa on:*

Dr. Thomas Dooley, of St. Louis, Missouri  
Dr. Laurence M. Gould, of Northfield, Minnesota  
Dr. Alan T. Waterman, of Washington, D. C.

## IN THE GRADUATE SCHOOL

The University of Notre Dame confers the following degrees in course:

*The Degree of Doctor of Philosophy on:*

† Bruce E. Barnaby, Maywood, Illinois  
B.S., De Paul University, 1951. Major subject: Physics. Dissertation: The Kinetics of Strontium and Strontium Oxide on Tungsten by Field Electron Microscopy at Temperatures Below 1000° K.

† Russell Barta, Chicago, Illinois  
B.A., Saint Mary of the Lake Seminary, 1942; B.S.T., ibid., 1943; M.S.A., Loyola University (Illinois), 1947. Major subject: Sociology. Dissertation: The Concept of Secularization as a Social Process.

Sister Mary Catharine Baseheart, Sisters of Charity of Nazareth, Louisville, Kentucky  
A.B., Nazareth College (Kentucky), 1931; M.A., Saint Louis University, 1933. Major subject: Philosophy. Dissertation: The Encounter of Husserl's Phenomenology and the Philosophy of St. Thomas in Selected Writings of Edith Stein.

Robert Hugh Becker, Greenville, Pennsylvania  
B.S., St. Bonaventure University, 1956. Major subject: Chemistry. Dissertation: The Preparation of Some Sulfonyl Hydrazide Derivatives of *s*-Triazine.

Reverend Robert McKay Brooks, Premonstratensian, Green Bay, Wisconsin  
B.A., St. Norbert College, 1944; M.A., University of Notre Dame, 1956. Major subject: Sociology. Dissertation: The Former Major Seminarian: A Study of Change in Status.

James Gerald Dadura, Atlas, Pennsylvania  
B.S., St. Vincent College, 1955. Major subject: Chemistry. Dissertation: The Effect of Gamma Hydroxyl Groups on the Decomposition of Quaternary Ammonium Bases.

John Philip Gleason, Wilmington, Ohio  
B.S., University of Dayton, 1951; M.A., University of Notre Dame, 1955. Major subject: History. Dissertation: The Central-Verein, 1900-1917: A Chapter in the History of the German-American Catholics.

† Degree Conferred February 1, 1960

- Robert Stephen Hanzel, Johnstown, Pennsylvania  
 B.S., St. Vincent College, 1953; M.S., University of Notre Dame, 1955. Major subject: Chemistry. Dissertation: The Alkylation of Amines with Tertiary Acetylenic Chlorides.
- † Sister Mary William Hollenbach, School Sisters of Notre Dame, St. Louis, Missouri  
 B.S., Webster College, 1952; M.A., University of Notre Dame, 1956. Major subject: Philosophy. Dissertation: The Nature of the Intellectual and Moral Virtues and Their Various Relationships.
- Robert Charles Jaklevic, Kansas City, Kansas  
 B.S., Rockhurst College, 1956. Major subject: Physics. Dissertation: An Experimental Study of Photoelectric Emission From a Molybdenum Single Crystal in Accelerating Fields.
- † Reverend Sebastian Kalarickal, Society of Jesus, Madras, India  
 B.Sc. (Hons.), Loyola College, Madras University, 1949. Major subject: Chemistry. Dissertation: Primary Processes in Radiolysis of Water.
- † Reverend Augustine J. Kandathil, Kerala, India  
 L.Ph., Pontifical Athanaeum (Ceylon), 1942; S.T.L., ibid., 1947; B.Sc., Sacred Heart College (India), 1951; B.Sc. (Hons.), Loyola College, Madras University, 1953. Major subject: Chemistry. Dissertation: Chelate Stabilities of Certain Oxine-Type Compounds.
- † Edward Francis Kennedy, Chicago, Illinois  
 B.S., Loyola University (Illinois), 1954. Major subject: Physics. Dissertation: X-Ray Excitation of the 2.13 Mev State of  $B^{11}$ .
- † John Anthony Kreuz, Wilmington, Delaware  
 B.S., St. Bonaventure University, 1955. Major subject: Chemistry. Dissertation: A Study of the Alkaline Decomposition of Several Aliphatic Dithiodicarboxylic Acids.
- Lester Henry Lange, South Bend, Indiana  
 B.A., Valparaiso University, 1948; M.S., Stanford University, 1950. Major subject: Mathematics. Dissertation: Non-Euclidean Cercles de Remplissage and Other Analogues in the Unit Circle to Classical Theorems on Entire Functions.
- Charles Andrew Lynch, Jr., Brooklyn, New York  
 B.S., Manhattan College, 1956. Major subject: Chemistry. Dissertation: Some Chlorides Derived from 1-Ethyneylcyclohexanol.
- Charles Joseph Noel, Philadelphia, Pennsylvania  
 B.S., Villanova University, 1954. Major subject: Chemistry. Dissertation: A Kinetic Study of the Reaction Between Ethylene Oxide and a Series of Mercaptans.
- James Michael O'Reilly, Dayton, Ohio  
 B.S., University of Dayton, 1956. Major subject: Chemistry. Dissertation: Investigation of Molecular Structure and Internal Rotation by Microwave Spectroscopy.
- † Saverio F. Pensabene, Syracuse, New York  
 B.S., LeMoyne College (New York), 1955. Major subject: Chemistry. Dissertation: The High-Energy and Ultraviolet-Induced Luminescence of Liquid Organic Solutions.
- Albert Carl Perrino, Warwick, Rhode Island  
 B.S., Brown University, 1956. Major subject: Chemistry. Dissertation: Some Reactions of  $\alpha$ -Acetylenic- $\alpha$ -Amines.
- George Francis Pezdirtz, Beacon, New York  
 B.S., University of Notre Dame, 1955. Major subject: Chemistry. Dissertation: The Effect of High Energy Electrons on a Series of Saturated Polyesters.
- † Reverend Emil Carl Resconich, Third Order Regular of St. Francis of Penance, Portage, Pennsylvania  
 B.A., Saint Francis College (Pennsylvania), 1950. Major subject: Biology. Dissertation: Heat Induced Viral Susceptibility and Thermal Injury in Bean.
- John David Ryan, New Castle, Delaware  
 B.S., University of Delaware, 1955. Major subject: Chemistry. Dissertation: Stereochemistry of Epoxide Ring Openings and Stereochemistry of the Pinacol Rearrangement of an Epoxide to an Aldehyde.

John M. Scheidell, Kalamazoo, Michigan  
B.S., Georgetown University, 1953; M.S., The Florida State University, 1956.  
Major subject: Economics. Dissertation: The Time Elasticity of Demand and Productivity: A Theoretical Analysis.

† Arthur Hubert Schrynenmakers, Pittsburgh, Pennsylvania  
Lic.Psych., Louvain University, 1948; Lic.Ph., ibid., 1951. Major subject: Philosophy. Dissertation: Descartes' Philosophical, Psychological, and Moral Views on "The Passions of the Soul."

† Father Malachy Shanaghan, Order of St. Benedict,  
St. Bernard, Alabama  
A.B., St. Benedict's College (Kansas), 1947; M.A., University of Notre Dame, 1954. Major subject: English. Dissertation: A Critical Analysis of the Fictional Techniques of William Faulkner.

† Michael F. Shea, Henderson, Illinois  
B.S., St. Procopius College, 1955. Major subject: Physics. Dissertation: Photo-Neutron Cross Section of Beryllium Near Threshold and the Production of Monochromatic Photons.

Meyer Silver, China Lake, California  
B.A., Brooklyn College, 1949; M.S., Rensselaer Polytechnic Institute, 1957.  
Major subject: Physics. Dissertation: The Kinetics of Potassium Chloride on Tungsten by Field Electron Microscopy.

Sister Mary Eloise Thomas, Sisters of Charity of the Blessed Virgin Mary, Chicago, Illinois  
B.A., Mundelein College, 1947; M.A., University of Notre Dame, 1955. Major subject: Economics. Dissertation: A Study of the Causes and Consequences of the Economic Status of Migratory Farm Workers in Illinois, Indiana, Michigan, and Wisconsin, 1940-1958.

† Richard Lawrence Walter, Elmhurst, Illinois  
B.S., St. Procopius College, 1955. Major subject: Physics. Dissertation: Photo-Neutron Cross Section of Beryllium Near Threshold and the Production of Monochromatic Photons.

Reverend Charles Frederick Weiher, Congregation of Holy Cross,  
Wapakoneta, Ohio  
B.S., University of Notre Dame, 1944; M.A., ibid., 1955. Major subject: Philosophy. Dissertation: Foundations of An Abstractionist Theory of Natural Number.

*The Degree of Master of Arts on:*

† Sister Mary Maddeleva Agnew, Sisters of the Precious Blood,  
Dayton, Ohio  
B.A., Our Lady of Cincinnati College, 1947. Major subject: Theology. Dissertation: A Comparison of the Teaching on the Beatific Vision in St. Thomas Aquinas and St. Bonaventure.

† James William Artz, South Bend, Indiana  
B.A., University of Notre Dame, 1958. Major subject: Economics. Dissertation: A Study in Seniority.

Reverend Campion Robert Baer, Order of Friars Minor Capuchin,  
Wisconsin Rapids, Wisconsin  
B.A., St. Felix Seminary (Indiana), 1953. Major subject: Education.

Richard Harry Chapura, Norfolk, Virginia  
B.S. in P.E., University of Notre Dame, 1959. Major subject: Education.

Robert Brooke Clements, South Bend, Indiana  
B.A., St. John's University (Minnesota), 1956. Major subject: History. Dissertation: The Educational Ideas of Reverend James A. Burns, C.S.C.

† William Rodney Coulson, Tempe, Arizona  
B.A., Arizona State College at Tempe, 1955. Major subject: Philosophy.

† Reverend Cornelius Davin, Congregation of the Passion,  
Union City, New Jersey  
B.A., St. Michael's Passionist Seminary, 1948. Major subject: Philosophy.

- † Alphonse Anthony DeFlorio, New York, New York  
B.A., Manhattan College, 1958. Major subject: History.
- † Hal (Harris) Arthur Finch, San Antonio, Texas  
B.S., University of New Mexico, 1958. Major subject: Education.
- Mother Marie Joachim FitzGerald, Religious of the Sacred Heart  
of Mary, Tarrytown, New York  
B.A., University of Liverpool, 1947. Major subject: English.
- Mother Marie Annunciation Flannelly, Religious of the Sacred Heart  
of Mary, New York City, New York  
B.A., Marymount College, 1958. Major subject: Political Science.
- Reverend Juan Samuel Florez, Order of Friars Minor Capuchin,  
Fond du Lac, Wisconsin  
B.A., Seminary of Mary Immaculate (New York), 1950. Major subject:  
History.
- Harry Andrew Fuchs, South Bend, Indiana  
B.A., University of Notre Dame, 1958. Major subject: Education.
- James Vincent Gannon, New York City, New York  
A.B., King's College (Pennsylvania), 1958. Major subject: Sociology (Cor-  
rectional Administration).
- † Sister Jane de Chantal Godfrey, Sisters of Loretto at the Foot  
of the Cross, Denver, Colorado  
A.B., Loretto Heights College, 1953. Major subject: Education.
- Richard Stanley Grove, Coalinga, California  
B.A., San Luis Rey College, 1959. Major subject: English.
- James Albert Henriott, South Bend, Indiana  
B.S., Indiana State Teachers College, 1951. Major subject: Education.
- † Royce William Hughes, Schulenburg, Texas  
B.S., St. Edward's University, 1950. Major subject: Theology.
- † William Byrne Hund, Congregation of Holy Cross, Washington, D. C.  
B.A., University of Notre Dame, 1954. Major subject: Philosophy. Dissertation:  
The Principles for the Division of the Speculative Sciences According  
to St. Thomas, Cajetan, and John of St. Thomas.
- Edward Robert Jacobs, Peoria, Illinois  
A.B., University of Illinois, 1954. Major subject: Philosophy.
- Fr. Barnabas Kannenburg, Order of Friars Minor Conventual,  
Mt. St. Francis, Indiana  
Ordained, Assumption Seminary (Minnesota), 1959. Major subject: Education.
- Sister Mary Agnes Kurilla, Sisters Adorers of the Most Precious  
Blood, Ruma, Red Bud, Illinois  
A.B., Saint Louis University, 1934. Major subject: Communication Arts.
- Theodore Thomas Kusnierz, Holyoke, Massachusetts  
B.A., American International College, 1958. Major subject: Sociology (Cor-  
rectional Administration).
- William Henry Leahy, Stony Point, New York  
B.A., University of Notre Dame, 1959. Major subject: Economics.
- Joseph Howard Maguire, Worcester, Massachusetts  
B.A., College of the Holy Cross, 1958. Major subject: English.
- Fr. F. Gerald Martin, Detroit, Michigan  
A.B., Sacred Heart Seminary (Michigan), 1950. Major subject: English.
- Vincent Gerard Massaro, Buffalo, New York  
B.S., Canisius College, 1959. Major subjects: Economics. Dissertation: Philo-  
sophical Value Theories Implicit in Economic Thought.

- † Gerald Jay Massey, Ottawa, Illinois  
A.B., University of Notre Dame, 1956. Major subject: Philosophy. Dissertation: *Wonder, The Beginning and the End.*
- John R. McCune, Toledo, Ohio  
A.B., Princeton University, 1950. Major subject: Sociology (Correctional Administration).
- Major Raymond John McGlynn, United States Marine Corps,  
Chicago, Illinois  
B.S., Northwestern University, 1944. Major subject: Economics.
- Lieutenant Colonel Matthew H. Merkle, United States Air Force,  
Tacoma, Washington  
Ph.B. in Commerce, University of Notre Dame, 1939. Major subject: English.
- Sister Mary Lawrence Mesaros, Order of Preachers, Oxford, Michigan  
B.A., Siena Heights College, 1950. Major subject: English.
- Reverend William Frederick Meyers, Lansing, Michigan  
B.A., Sacred Heart Seminary (Michigan), 1949; S.T.B., Gregorian University (Italy), 1951; S.T.L., The Catholic University of America, 1955. Major subject: Education.
- Sister Mary Angeline Monaco, Sisters of the Presentation of the  
Blessed Virgin Mary, Fitchburg, Massachusetts  
B.A., Regina Coeli College (Massachusetts), 1958. Major subject: Philosophy.
- Michael Joseph Morando, Santa Barbara, California  
B.S. in P.E., University of Notre Dame, 1959. Major subject: Education.
- Lawrence Patrick Murphy, Toledo, Ohio  
B.A., University of Notre Dame, 1958. Major subject: Sociology (Correctional Administration).
- Mrs. Anne Marie Poinsatte, South Bend, Indiana  
Lycée Fenelon (France), 1950. Major subject: English.
- † Dennis P. Quinn, Manchester, New Hampshire  
B.A., St. Anselm's College, 1958. Major subject: Philosophy.
- Karl Erich Remmen, Bocholt, Westfalen, Germany  
B.A., Carroll College, 1957. Major subject: English. Dissertation: *Shakespeare's Conception of Tyranny in The Tragedy of King Richard The Third.*
- Mrs. Doris Stewart Risler, South Bend, Indiana  
B.A., Upsala College, 1948. Major subject: Sociology (Correctional Administration).
- Robert S. Roe, South Bend, Indiana  
B.S., Indiana State Teachers College, 1953. Major subject: Education.
- Ralph Daniel Rogers, Oakland, California  
B.A., University of Notre Dame, 1958. Major subject: Sociology (Correctional Administration).
- John P. Rossi, Philadelphia, Pennsylvania  
B.A., La Salle College, 1958. Major subject: History. Dissertation: *The Foreign and Imperial Policies of Lord Rosebery.*
- Reverend Michael Terrance Ryan, London, Ontario, Canada  
B.A., University of Western Ontario, 1946. Major subject: Philosophy. Dissertation: *The Analogy of Names in St. Thomas Aquinas.*
- Peter Vincent Sampo, Notre Dame, Indiana  
B.A., St. Vincent College, 1958. Major subject: Political Science.
- James Richard Sena, Denver, Colorado  
B.S., Regis College (Colorado), 1958. Major subject: English.
- † Andrew Rutherford Sisson, Winnetka, Illinois  
A.B., Harvard College, 1951; Diploma, Centre D'Etudes Industrielles (Switzerland), 1953. Major subject: English.

Brenton George Sovich, Hobart, Indiana  
B.A., University of Notre Dame, 1958. Major subject: Sociology (Correctional Administration).

Conrad Stanley Spohnholz, South Bend, Indiana  
B.A., Emerson College, 1954. Major subject: English.

Patric Sweeney, South Bend, Indiana  
B.A., University of Notre Dame, 1955. Major subject: English.

Sister Miriam Joseph Tochtrop, Congregation of the Sisters of the  
Adoration of the Most Precious Blood, O'Fallon, Missouri  
B.S., Saint Louis University, 1958. Major subject: Theology. Dissertation:  
Religious Symbolism in The Works of Carl Gustav Jung.

Reverend Leander R. Troy, Order of Carmelites, Chicago, Illinois  
Ordained, St. Clara Church (Illinois), 1942. Major subject: Theology. Dissertation:  
The Use of Natural Motives in Some Recent American Catholic  
and Non-Catholic Approaches to Premarital Continence.

Edmund B. Wutzer, Philadelphia, Pennsylvania  
B.A., La Salle College, 1958. Major subject: Sociology (Correctional Ad-  
ministration).

*The Degree of Master of Music on:*

† Reverend Stephen Hollis Clark, Houston, Texas  
Ordained, St. Mary's Seminary (Texas), 1959. Dissertation: Mass of Blessed  
Eva.

† John Knowles Probst, South Bend, Indiana  
B.M., University of Notre Dame, 1956.

*The Degree of Master of Mediaeval Studies on:*

Victor Raymond Kopidlansky, Chicago, Illinois  
B.A., St. Norbert College, 1956. Dissertation: The Priors of the Sorbonne  
From the English-German Nation.

*The Degree of Master of Science on:*

† Edward J. Bara, Utica, New York  
B.S., Le Moyne College (New York), 1958. Major subject: Chemistry. Dis-  
sertation: The Condensation of Some Aromatic Nitro Compounds with  
Arylacetanitriles.

James William Bond, Battle Creek, Michigan  
B.S. in E.E., University of Notre Dame, 1958. Major subject: Mathematics.

Reverend Matthew S. Delaney, Los Angeles, California  
B.A., Immaculate Heart College, 1958. Major subject: Mathematics.

William Francis Goodman, Ozone Park, New York  
B.S., Saint Peter's College, 1958. Major subject: Mathematics.

John F. Hartmann, Philadelphia, Pennsylvania  
B.S., Philadelphia College of Pharmacy and Science, 1958. Major subject:  
Biology. Dissertation: Some Histochemical Observations on the Elasmobranch  
Digitiform Gland.

Martin George Horak, Baltimore, Maryland  
B.S., Loyola College (Maryland), 1958. Major subject: Mathematics.

† George Frederick Lawler, Junior, Indianapolis, Indiana  
B.S., University of Notre Dame, 1955. Major subject: Chemistry. Disserta-  
tion: A Spectrophotometric Investigation of Thiourea and Substituted Thioureas.

Bor-Luh Lin, Taipei, Taiwan, China  
B.S., National Taiwan University, 1958. Major subject: Mathematics.

Brother Alvan Maluvius, Brothers of the Christian Schools,  
Saint Mary's College, California  
B.A., St. Mary's College (California), 1939. Major subject: Chemistry.

- Robert Geary McGee, Boston, New York  
B.A., College of the Holy Cross, 1958. Major subject: Mathematics.
- Gary Lee McGrath, Colorado Springs, Colorado  
B.A., St. Benedict's College, (Kansas), 1958. Major subject: Mathematics.
- Robert Emmet Mullins, Bronx, New York  
B.S., Iona College, 1958. Major subject: Mathematics.
- Reverend Campion Murphy, Missionary Servants of the Most Holy Trinity, Holy Trinity, Alabama  
B.A., College of the Holy Cross, 1950. Major subject: Chemistry.
- Karl Jon Petters, St. Cloud, Minnesota  
B.A., St. John's University (Minnesota), 1958. Major subject: Biology.
- John O. Riedl, Junior, Milwaukee, Wisconsin  
B.S., Marquette University, 1958. Major subject: Mathematics.
- Michael Anthony Schork, Elyria, Ohio  
B.A., University of Notre Dame, 1958. Major subject: Mathematics.
- Brother William Smith Schubmehl, Congregation of Holy Cross, Notre Dame, Indiana  
B.S., University of Notre Dame, 1956. Major subject: Mathematics.
- Robert Louis Strauch, Baltimore, Maryland  
B.S., Loyola College (Maryland), 1958. Major subject: Mathematics.

*The Degree of Master of Science in Aeronautical Engineering on:*

- John William Bacus, St. Paul, Minnesota  
B.S. in A.E., University of Notre Dame, 1959. Dissertation: A Visual Study of the Flow Field Surrounding An Infinite Yawed Cylinder.
- John Anthony McLaughlin, Des Moines, Iowa  
B.S. in A.E., University of Notre Dame, 1958. Dissertation: Techniques of Supersonic Flow Visualization by Means of Smoke Stream Tubes.
- Robert V. Plickys, Pittsburgh, Pennsylvania  
B.S. in A.E., University of Notre Dame, 1958. Dissertation: Determination of the Frequency and Translational Velocity of the Organized Motion on Two Ogive Nose Cylinders.

- John W. Steurer, Affton, Missouri  
B.S. in A.E., University of Notre Dame, 1958. Dissertation: The Instability of the Laminar Layer and the Mechanisms of Transition on an Ogive Nose Cylinder.

*The Degree of Master of Science in Chemical Engineering on:*

- Joosup Shim, Seoul, Korea  
B.S. in Ch.E., Tri-State College, 1956. Dissertation: Determination of Adsorption Isotherms and Charomatographic Behavior of n-Pentane and l-Pentane.
- James Edward Voit, Philadelphia, Pennsylvania  
B.S. in Ch.E., University of Notre Dame, 1958. Dissertation: Evaluation of Dew Point-Bubble Point Apparatus as a Means of Obtaining Ternary Vapor-Liquid Equilibrium Data.

- George Mitchell Watt, South Bend, Indiana  
B.S. in Ch.E., Purdue University, 1949.

*The Degree of Master of Science in Civil Engineering on:*

- David C. Bickel, Portsmouth, Ohio  
B.S. in C.E., University of Notre Dame, 1954. Dissertation: An Application of Computer Solutions to Structural Analysis.
- José Rafael Garcia, Quito, Ecuador  
B.S.C.E., Central University (Ecuador), 1958.

John Richard Grindel, Chicago, Illinois  
B.S. in C.E., University of Notre Dame, 1954.

† Byron Thomas Jones, South Bend, Indiana  
B.S.C.E., Purdue University, 1953.

† Cecil Thomas Lobo, Bombay, India  
B.S. (Civil), Gujarat University (India), 1955.

† Islam Nabi, Karachi, Pakistan  
B.Eng. (Civil), University of Karachi, 1957.

Arnold Edward Schwartz, Rochester, New York  
B.S. in C.E., University of Notre Dame, 1958. Dissertation: Photoelastic Investigation of Layered Soil Media.

Joseph L. Shilts, South Bend, Indiana  
B.S. in C.E., University of Notre Dame, 1955.

*The Degree of Master of Science in Electrical Engineering on:*

† Brother H. Louis Althaus, Brothers of the Christian Schools, Memphis, Tennessee  
B.S., Saint Mary's College (Minnesota), 1953.

† John Stephan Bedford, South Bend, Indiana  
B.S. in E.E., University of Missouri, 1949.

Arthur Francis Brown, Dowagiac, Michigan  
B.S. in E.E., University of Notre Dame, 1958.

Aurale Rene DeRuyck, South Bend, Indiana  
B.S. in E.E., Iowa State College, 1951.

Thomas Werner Ernst, Tarrytown, New York  
B.S. in E.E., University of Notre Dame, 1958. Dissertation: The Analysis and Compensation of a Beam-Loaded Hydraulic Servo Unit.

John Paul Mantey, Sharon Springs, Kansas  
B.S. in E.E., University of Notre Dame, 1958.

Mahlon Booher Modesitt, South Bend, Indiana  
B.S.E.E., Purdue University, 1951.

† Chung Dan Ng, Hong Kong, China  
B.S. in E.E., University of Notre Dame, 1958.

Gerald Francis Saletta, Chicago, Illinois  
B.S. in E.E., University of Notre Dame, 1958.

† Han-Chiu Wang, Chekiang, China  
B.Sc., Taiwan Provincial Cheng Kung University, 1955.

Nea-Yea Woo, Taipei, China  
B.S. in E.E., Taiwan Provincial Cheng Kung University, 1955.

*The Degree of Master of Science in Engineering Science on:*

Paul K. Boyd, Trenton, Michigan  
B.S. in M.E., University of Notre Dame, 1958.

Peter James Conlisk, South Bend, Indiana  
B.S. in M.E., University of Notre Dame, 1958. Dissertation: A Study of the Non-Symmetric Stress Tensor.

Thaddeus Harry Moraczewski, South Bend, Indiana  
B.S. in M.E., University of Notre Dame, 1950.

George Arthur Rozgonyi, Bayonne, New Jersey  
B.S. in A.E., University of Notre Dame, 1958. Dissertation: A Study of Thermal Instability and Its Application to Heat Transfer Problems.

Donald Beveridge Taylor, South Bend, Indiana  
B.S., University of Maryland, 1956.

*The Degree of Master of Science in Mechanical Engineering on:*

Thomas Allen Bott, Danville, Illinois

B.S. in M.E., University of Notre Dame, 1956. Dissertation: Optimum External Fin Spacing for Laminar Flow Through Compact Finned-Tube Heat Exchangers.

† Anthony Frank D'Souza, Bombay, India

B.E. (Mech.), University of Poona (India), 1954.

† Frank Andrew Jeglic, South Bend, Indiana

B.S. in M.E., University of Notre Dame, 1958. Dissertation: A Mathematical Formulation of Equations for Turbulent, One-Component, Two-Phase, Stratified Flow Through Long, Horizontal Pipes with Heat Transfer.

Matthew James McKenna, Yonkers, New York

B.S. in M.E., University of Notre Dame, 1959. Dissertation: Experimental Determinations of the Flow Patterns in a Uniflow Vortex Tube.

Howard Edwin Pollard, Elmhurst, Illinois

B.S. in M.E., University of Notre Dame, 1958.

William Joseph Sidelko, Dearborn, Michigan

B.S. in M.E., University of Notre Dame, 1959.

† Richard Joseph Waltz, Barberton, Ohio

B.S. in M.E., University of Notre Dame, 1958.

## THE LAW SCHOOL

*The Degree of Bachelor of Laws on:*

James Raymond Beattie, Fair Lawn, New Jersey  
John Francis Beggan, Watertown, Wisconsin  
George Robert Blakey, Burlington, North Carolina  
John Edward Borgerding, Beloit, Wisconsin  
William Ernest Borror, South Bend, Indiana  
Michael Angelo Bosco, Jr., Detroit, Michigan  
Lawrence James Bradley, Albany, New York  
Howard Richard Collins, Chicago, Illinois  
William Benjamin Custer, Fredonia, New York  
John Thompson D'Arcy, Wellsville, New York  
John Adam DiNardo, Cleveland, Ohio  
Thomas Joseph Erbs, St. Louis, Missouri  
Don Richard Gardner, Cincinnati, Ohio  
Donald Alan Garrity, Helena, Montana  
Edward Carl Hilgendorf, Sturgis, Michigan  
Gordon C. C. Ho, Honolulu, Hawaii  
Matthew Terrence Hogan, Lima, New York  
Robert Joseph House, Babylon, New York  
Alfred Albert Kaelin, Sacramento, California  
Francis James Kane, Jr., Kenmore, New York  
Jon Stanley Kubiak, Niles, Michigan  
Robert Leonard Kuhns, Algonquin, Illinois  
Robert Emmett Manning, Jr., Peoria, Illinois  
Joseph Anthony Marino, Washington, D. C.  
Hugh Joseph McGuire, Flushing, New York  
Lester Fuller Murphy, Jr., Hammond, Indiana  
Nicholas Jerome Neiers, Cascade, Iowa  
John Vincent Reilly, Jr., Newark, New Jersey  
Charles Joseph Reymann, Akron, Ohio  
Gene Arthur Salem, Akron, Ohio  
John Arthur Slevin, Peoria, Illinois  
John Richard Sullivan, Chicago, Illinois  
James Stewart Taylor, Elkhart, Indiana  
Paul Hinchey Titus, Bradford, Pennsylvania  
Lawrence Doyle Wichmann, Erlanger, Kentucky

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## THE COLLEGE OF ARTS AND LETTERS

*The Degree of Bachelor of Arts on:*

David Randolph Adam, Houston, Texas  
Thomas Louis Adamson, Kenosha, Wisconsin  
John Clement Adler, Joliet, Illinois  
Michael James Aheren,\* Indianapolis, Indiana  
John Clement Akalaitis, Chicago, Illinois  
George Gordon Albright, Central Islip, L.I., New York  
James Allan, III, Chicago, Illinois  
Philip Charles Allen, Chicago, Illinois  
Brother Robert John Antonetti, C.S.C., West Haven, Connecticut

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Maxima Cum Laude

† Degree Conferred February 1, 1960

Keith Willard Anzilotti, Wilmington, Delaware  
James Calvin Asum,\* Flat Rock, Michigan  
John Patrick Ayers, Hamburg, New York  
Bruce Edward Babbitt,\*\* Flagstaff, Arizona  
John Joseph Bachner, Jr., River Forest, Illinois—*Posthumous Award*  
Thomas Francis Banchoff,\*\* Trenton, New Jersey  
Michael Arthur Barrett, Peekskill, New York  
Stephen Thomas Barry, Elizabeth, New Jersey  
James August Bartel, Huntington, Long Island, New York  
Daniel William Barthell, Peoria, Illinois  
Lewis Michael Bekelja, Harrisburg, Pennsylvania  
† Theodore Bernard Belecz, South Bend, Indiana  
Robert James Bennison, Frankfort, New York  
Robert Joseph Beranek,\* Chicago, Illinois  
Kendon Thomas Birchard, Wilton Junction, Iowa  
William Duane Bird, South Bend, Indiana  
† Brother Charles Francis Blavat, Akron, Ohio  
Ronald Eugene Blubaugh,\* Portland, Oregon  
Lt. Frederick James Blum, III, U.S. Navy, West Chicago, Illinois  
Mr. William George Blum, C.S.C.,\* Pittsburgh, Pennsylvania  
Joseph George Bock, Jr., Flushing, New York  
John Joseph Boldin, Milwaukee, Wisconsin  
Peter Joseph Bonastia,\* Montclair, New Jersey  
Thomas Lane Bonn, Scranton, Pennsylvania  
John Kenneth Bourgon, Livonia, Michigan  
Daniel Philip Bowling, Sumner, Iowa  
William Stewart Bowman,\* Louisville, Kentucky  
Edward Michael Boyle,\*\* Kansas City, Kansas  
Marc John Braeckel, Webster Groves, Missouri  
Robert King Brannon, Jr., Denison, Iowa  
Charles Arnd Brieger, Pittsburgh, Pennsylvania  
Thomas Anthony Brinkworth, Chicago, Illinois  
† James Edward Brogan, Rocky River, Ohio  
Lester James Brownlee, Spotswood, New Jersey  
Anthony Thomas Bruno,\*\* Little Silver, New Jersey  
Morris Glenn Brynjolfson, Willow City, North Dakota  
† John Henry Budd, Newark, New Jersey  
Edwin Aubert Bullard, Larchmont, New York  
Wejay Suriya Bundara, Jr., Anahuac, Texas  
Mr. John David Burke, C.S.C.,\* West Orange, New Jersey  
† Thomas Joseph Burke, Fort Lauderdale, Florida  
Lawrence Timothy Burns, Coshocton, Ohio  
Michael Edward Butler,\* Douglaston, New York, New York  
Frank John Buzolits, Elkhart, Indiana  
James Sexton Byrne, Hyattsville, Maryland  
James Peter Byrnes, Hudson Falls, New York  
Mr. James Francis Callahan, C.S.C.,\* Youngstown, Ohio  
Mr. Thomas Anthony Campanini, C.S.C., Reynoldsville, Pennsylvania  
Michael Joseph Canavan, Glens Falls, New York  
Thomas Edward Carey, Mountainside, New Jersey  
Errol Timothy Carroll, Traverse City, Michigan  
Galen Patrick Cawley, Lawrence, Kansas  
Patrick Joseph Chambers, Glens Falls, New York  
Byron Anthony Champagne, Jr., Lincoln Park, Michigan

—*Posthumous Award*

Thomas Pierre Champion, Jr., Cleveland, Ohio  
Daniel Edward Chaplin, Clearfield, Pennsylvania

Paul Cotter Chestnut,\* Chicago Heights, Illinois  
Mr. Gregory Jerome Chiasson, C.S.C., Pictou, Nova Scotia  
Allan Andrew Chonko, Parma, Ohio  
John Edward Christen, Park Ridge, Illinois  
David Carlin Christian,\*\* Lansing, Illinois  
Joseph Abel Clark,\* Lancaster, Pennsylvania  
William Benjamin Clark, Jr.,\* Memphis, Tennessee  
James Ragan Coker,\* Linden, New Jersey  
John Michael Cole, Manchester, New Hampshire  
Alan Richard Collander, Millburn, New Jersey  
Mr. John Michael Conley, C.S.C., Berkeley, California  
Mr. James Thomas Connelly, C.S.C.,\* Louisville, Kentucky  
John Wallace Conner, Grosse Pointe, Michigan  
Warner James Connick,\* Ilion, New York  
John Louis Conroy, Birmingham, Michigan  
Daniel Jerome Converse, Massillon, Ohio  
William Aloysius Conway, Chatham, New Jersey  
Joseph Francis Cooper, Oneonta, New York  
Richard Alan Corbett,\* Rochester, New York  
Joseph Aloysius Corcoran, Jr.,\* Scarsdale, New York  
Robert Wesley Corson, Manistique, Michigan  
Daniel Carl Cronin, Gettysburg, South Dakota  
Michael Kevin Cronin, San Francisco, California  
James Aloysius Crossin,\* Kenosha, Wisconsin  
James Richard Crotty, Seattle, Washington  
Donald Lee Curlovic, Alton, Illinois  
Stephen Waclaw Dabrowski, Mexico City, Mexico  
Brother Edward Gerald Dailey, C.S.C., Indianapolis, Indiana  
† Walter Frederick Daly, Jr., White Plains, New York  
Rocco George Dantona, Chicago, Illinois  
Neal Edwin Darrow, Green Bay, Wisconsin  
Joseph Edward Day, Cedar Rapids, Iowa  
Noel Edward Day, Lowville, New York  
Thomas Michael Deffley, Longmeadow, Massachusetts  
John Leo Devney, Little Falls, Minnesota  
Robert Umberto Dini,\* Winnetka, Illinois  
Eugene Patrick Dolan, New York, New York  
William Francis Donahue, III, Harvey, Illinois  
William James Donnelly,\* Chicago, Illinois  
Robert Joseph Dorsey, Baldwin, New York  
John Paul Dreska,\* Yonkers, New York  
Patrick James Dubbs, Mendota, Illinois  
† Patrick Vaughan Dunne,\* Waco, Texas  
Robert Lawrence Dunne, Apalachicola, Florida  
Robert Joseph Egan, Lima, Ohio  
James Lawrence Egry, South Bend, Indiana  
Michael George Ehrenreich,\* Lancaster, New York  
Robert John Erler, III, Nutley, New Jersey  
† Jerome Edward Farley, Sherman Oaks, California  
Walter Reynolds Farley,\*\* Akron, Ohio  
Michael William Farrell,\*\* West Orange, New Jersey  
John Francis Feeney, Jersey City, New Jersey  
Frank Robert Finnegan, Peoria, Illinois  
Joseph Leo Finster, Tenafly, New Jersey  
Barry Morgan Fitzpatrick, Chevy Chase, Maryland  
Robert Daley Fitzsimon, Highland Park, Illinois  
Robert Brendan Fitzsimons,\* South Bend, Indiana

Alan Brian Flanagan, New Haven, Connecticut  
David Francis Flanagan, South Orange, New Jersey  
William Howard Fletcher, Indianapolis, Indiana  
Oliver Ronald Flor, Seattle, Washington  
Nathaniel Blount Frampton, Jr., East New Market, Maryland  
Sheldon Michael Franz,\*\*\* Lakewood, Ohio  
† Siebolt Henry Frieswyk,\* West Orange, New Jersey  
Mr. James Emmett Gallagher, C.S.C., Chicago, Illinois  
Thomas Michael Gannon,\*\* Philadelphia, Pennsylvania  
William Blake Garside,\* Davenport, Iowa  
Joseph Emmett Geary, Jr., Saint Joseph, Michigan  
John Frederick Geier, Wilmette, Illinois  
Richard Joseph Gelson,\* Summit, New Jersey  
Peter Alphonse Genesse, Green Bay, Wisconsin  
† Frank Geremia, Sacramento, California  
Charles Gregory Gillies, Greenwich, Connecticut  
George Earl Goodwine, Hoopeston, Illinois  
Leo Niessen Gorman,\* Washington, D. C.  
Timothy Richard Gorman, Peoria, Illinois  
Michael Robert Graney, Chesterton, Indiana  
Thomas Joseph Greene,\* Detroit, Michigan  
Allan Thomas Griffin, Brookline, Massachusetts  
Paul John Gruber, North Haledon, New Jersey  
Thomas James Gugerty, Ohio, Illinois  
Stephen Gerald Guiheen, Brattleboro, Vermont  
Jeffrey Thomas Hamilton, Ladue, Missouri  
Edward William Hanna, Wayne, New Jersey  
James John Hannan, Jersey City, New Jersey  
Laurence Anthony Hanrahan, Silver Spring, Maryland  
Philip Anthony Hansen,\*\* Bronx, New York  
James Russell Harrington, Brockton, Massachusetts  
James Dennis Harris, Patchogue, Long Island, New York  
Nicholas John Healy, IV, Garden City, New York  
William Joseph Heaphy, Bridgeport, Connecticut  
Peter Papin Heinbecker, St. Louis, Missouri  
George William Heineman, Connersville, Indiana  
Frederick John Hoey, Albany, New York  
† Rudolph Albert Hornish, Orange, New Jersey  
Frederick Mitchell Howting, Birmingham, Michigan  
David John Huarte, Anaheim, California  
Peter John Huber,\* Watertown, Wisconsin  
Brother John Patrick Hudson, C.S.C., Union City, New Jersey  
Francis Xavier Hund, Galesburg, Illinois  
Paul Robert Hundt, Kew Gardens, New York  
Mark William Hyer, Athens, New York  
Anthony John Indence,\*\* Port Washington, New York  
Vincent Joseph Ionata, Mount Vernon, New York  
David Charles James,\* Belvidere, Illinois  
Jerry Myers Johnson, Newark, New Jersey  
Frank Joseph Jones,\* Marine City, Michigan  
Wallace Hugel Jones,\* Wilmette, Illinois  
Richard Nicholas Juliani,\* Camden, New Jersey  
Mr. Donald Jude Kaiser, C.S.C., Notre Dame, Indiana  
Thomas Joseph Kane,\* Lansing, Michigan  
Arthur William Kanerviko, Jr., Syracuse, New York  
Michael Hunter Kearns, Terre Haute, Indiana  
Edward Patrick Kearse,\* Binghamton, New York

James Basil Keating, Chicago, Illinois  
Terrence Edward Keating, Detroit, Michigan  
Michael James Keenan, Los Angeles, California  
Richard Joseph Kelly, Chicago, Illinois  
Francis Healy Kennedy, Jr., Saint Louis, Missouri  
John Joseph Kenny,\*\* Matamoras, Pennsylvania  
John Martin Kесmodel, Baltimore, Maryland  
Joseph Braun Kloeccker, Saint Louis, Missouri  
Mr. Richard Paul Kopinski, C.S.C., Green Lawn, L. I., New York  
Robert Joseph Kral, East Cleveland, Ohio  
Robert Charles Kucera, Cicero, Illinois  
Paul Bruno Kusbach, New York, New York  
Lawrence Henry Kyte, Jr., Cincinnati, Ohio  
Charles Leon Ladner, Smoke Rise, Butler, New Jersey  
Lee David Lagessie, Merrill, Wisconsin  
Gerald Patrick Lally, Hoboken, New Jersey  
Terry Edward Lally, Louisville, Kentucky  
John Paul Lamb, Michigan, North Dakota  
Thomas Aquinas Lamont, Chicago, Illinois  
Michael William Laughlin,\* South Bend, Indiana  
Thomas Patrick Lauth, Pittsburgh, Pennsylvania  
Brother Robert Samuel Lawrence, C.S.C., West Haven, Connecticut  
Robert John Leone,\* Oak Park, Illinois  
Gerald Edwin Leppek, Flat Rock, Michigan  
William Rudy Leser, Lansing, Michigan  
Francis Xavier Linsenmeyer, Jr., Lakewood, Ohio  
Edward Michael Lodish, Detroit, Michigan  
Francis Robert Lombard,\* Waterbury, Connecticut  
Brother William Thomas Lowney, C.S.C., Somerset, Massachusetts  
Joseph Michael Lukitsch, West Falls, New York  
Mr. James Allison Mahoney, C.S.C., New Brunswick, Canada  
William Reibert Mapother,\* Louisville, Kentucky  
Joseph Patrick Martin,\*\* Birmingham, Michigan  
Lawrence George Martin,\* Toledo, Ohio  
David Charles Mayer, Cleveland, Ohio  
Donald Thomas McAllister, Louisville, Kentucky  
Emmett Daniel McCarthy,\* Chicago, Illinois  
William John McCarthy, Ashtabula, Ohio  
Eugene Andrew McDermott, Jr., Memphis, Tennessee  
Francis Walker McDonnell, Bath, New York  
† Thomas Michael McDonough, Lockport, New York  
Bernard Patrick McElroy,\* East Orange, New Jersey  
Eugene Joseph McFadden, New York, New York  
Michael Edward McGovern, Saginaw, Michigan  
James Michael McGowan, Paducah, Kentucky  
Timothy George McGrath, Fort Wayne, Indiana  
Michael Rudd McKee, Topeka, Kansas  
Brother Robert James McMahon, C.S.C.,\* Albany, New York  
William Gerard McMurtrie, Richmond, Virginia  
† Richard Anthony Meaney, Burlington, Massachusetts  
Brother William Peter Mewes, C.S.C., Notre Dame, Indiana  
Edward Louis Meyer, Jr., Green Bay, Wisconsin  
Robert Joseph Mitchell, Merion Station, Pennsylvania  
Gordon William Moran, Oglesby, Illinois  
James Herbert Moran, Midland, Michigan

William Frank Morgan,\* Pittsfield, Pennsylvania  
Michael James Mullen, Tampa, Florida  
Edward James Murphy, Jr., Portland, Oregon  
Jeremiah Lawrence Murphy, White Plains, New York  
Matthew James Murphy, Birmingham, Michigan  
John Peter Nanovic, Jackson Heights, New York  
James Martin Naughton,\* Painesville, Ohio  
Edward Joseph Nebel, Mt. Clemens, Michigan  
Thomas Kerby Neill,\* Bethesda, Maryland  
Mr. Thomas Joseph Norris, C.S.C., Chicago, Illinois  
Charles Richard Nowery, Shreveport, Louisiana  
David Joseph O'Brien,\*\* Pittsfield, Massachusetts  
John Robert O'Brien,\*\* Cincinnati, Ohio  
Thomas John O'Connell, Wilmette, Illinois  
† Peter Anthony Odem, Houston, Texas  
Thomas James O'Donnell,\*\* Ottawa, Illinois  
John Campbell O'Hara, Hazel Crest, Illinois  
Terence Joseph O'Loughlin,\* St. Paul, Minnesota  
Gerald Michael O'Mara, Short Hills, New Jersey  
Daniel Ignatius O'Neill, San Francisco, California  
Robert Brendan O'Neill, Pacific Palisades, California  
Thomas William O'Toole, Phoenix, Arizona  
† Anthony Vincent Pacilio, East Rochester, New York  
Lawrence William Pahl, South Bend, Indiana  
Dennis Peter Panozzo, Chicago, Illinois  
John McDonald Parks, Rome, New York  
Thomas Emanuel Patchel, Jr., Audubon, New Jersey  
Rivers Aristide Patout, III, Navasota, Texas  
Mr. Leonard David Paul, C.S.C.,\* Detroit, Michigan  
Edward James Paulsen, Flushing, New York  
Paul Dominic Perona, Jr.,\* Spring Valley, Illinois  
Patrick Edward Phelan, Wilmette, Illinois  
Dennis James Pheney, Farmington, Michigan  
Leo Isidore Philippe,\* Mishawaka, Indiana  
Robert Theodore Pigors, Delmar, New York  
Donald Edward Pins, Glen Ellyn, Illinois  
Eugene Charles Pisano, Paterson, New Jersey  
Mattislau Marion Plonski,\* South Bend, Indiana  
James Morris Radde, Wahpeton, North Dakota  
Paul Edward Rafferty, Glen Ellyn, Illinois  
Mr. James Thomas Rahilly, C.S.C.,\* Oyster Bay, New York  
Charles Joseph Ramsden,\*\*\* Beloit, Wisconsin  
Joseph James Ranallo,\* Farrell, Pennsylvania  
Harold Robert Redohl, St. Louis, Missouri  
John Wigmore Reilly, Jr., Morristown, New Jersey  
Kenneth Alan Requa,\* Portland, Oregon  
Martin Von Riedemann,\* Alkali Lake, British Columbia, Canada  
Paul Arthur Riffel, South Bend, Indiana  
† James Michael Riley,\* Rochester, New York  
† David Montgomery Roach, Conneaut, Ohio  
Martin Vincent Roach, Union City, New Jersey  
Gregory Morgan Rogers, Malverne, New York  
Michael Frederick Rooney,\* Robinson, Illinois  
James Donald Rose,\* Hamburg, New York  
Thomas Joseph Rose,\*\* St. Paul, Minnesota  
† Robert Hackett Ross, St. Joseph, Michigan

Walter John Rudge, Youngstown, Ohio  
Brother Ronald Thomas Rusnak, C.S.C.,\* Lakewood, Ohio  
James Philip Russomano, Jr., West Caldwell, New Jersey  
James Timothy Ryan,\* Toronto, Ontario  
Charles Joseph Saad, Adena, Ohio  
Gerard Richard Sachsel,\* Garwood, New Jersey  
Joseph Omer St. George, East Islip, New York  
Charles Andrew Sawicki, Fort Monroe, Virginia  
Thomas James Scanlon,\*\* Scranton, Pennsylvania  
Joseph George Schamber, Chicago, Illinois  
Mr. Frank Leonhard Schreder, C.S.C.,\* Notre Dame, Indiana  
John William Schroeder, Garden City, New York  
James Vincent Schuh, Virgil, Illinois  
† John Michael Schulte, Sac City, Iowa  
Leonard Cullum Schumacher, Amelia, Ohio  
Frederic William Seamon, III, Ocean City, New Jersey  
Philip Gerard Sebold, Whippany, New Jersey  
Edwin John Shaughnessy, Jr., North Platte, Nebraska  
William Dennis Shaul,\*\* Akron, Ohio  
Paul Michael Sheridan, Chicago, Illinois  
Walter Kenneth Sherwin, Jr.,\* Wallingford, Pennsylvania  
† Mark Stephan Shields, South Weymouth, Massachusetts  
† Thomas Richard Shine, Bryn Mawr, Pennsylvania  
Robert James Simpson,\* Flower Hill, New York  
Kenneth John Sive, Fort Wayne, Indiana  
Robert Edward Skrzyczki,\* Detroit, Michigan  
Charles Stephen Smith, Chicago, Illinois  
Furman Smith, Jr., Atlanta, Georgia  
Jon Wesly Smith, Hannibal, Missouri  
Terence Fitzgerald Smith, Stamford, Connecticut  
John Thomas Solon, Wilmette, Illinois  
Mr. Roger James Sowala, C.S.C.,\* South Bend, Indiana  
Ronald Lee Sowers, Lexington, Missouri  
Edward Anthony Squier,\* Elmhurst, Illinois  
John Neil Stalter, Jr.,\* Wilmington, Delaware  
Gary Richard Steckler, Ville Platte, Louisiana  
Monty Anthony Stickles, Poughkeepsie, New York  
† John Francis Stiloski, Tarrytown, New York  
David Stephen Stoeller,\* Glenview, Illinois  
John Michael Straka, South Bend, Indiana  
John Armitage Studer, Faribault, Minnesota  
John Harvey Sullivan, Santa Rosa, California  
Michael Roger Sullivan, Brooklyn, New York  
Séan Francis Sullivan, Holyoke, Massachusetts  
Terrence Michael Sullivan, St. Paul, Minnesota  
James Hecker Tansey, Caracas, Venezuela  
Charles Anthony Tausche,\*\* Austin, Minnesota  
† Thomas Anthony Thomas, Canton, Ohio  
Edward Collins Thompson,\*\* Kirkwood, Missouri  
James Lawrence Thompson, Fresno, California  
Joseph Edward Tiritter, Long Island City, New York  
Lewis Martin Topping, White Plains, New York  
Lawrence Oliver Turner, Jr., Golden Beach, Florida  
John Francis Twomey, Jr., La Grange, Illinois  
Mr. Ronald Joseph Vogel, C.S.C.,\* Milwaukee, Wisconsin  
Bernard Joseph Wander, Jr., St. Louis, Missouri  
Michael Paul Ward,\* Tully, New York

Mr. Robert Carl Ware, C.S.C.,\*\* Newburgh, Indiana  
Lawrence Edward Wartha, South Bend, Indiana  
John George Wassil, Sharon, Pennsylvania  
George Kent Weldon, Jr.,\* Flushing, New York  
Everett William Wells,\*\* Haywood, California  
James Edward Welter, Chicago, Illinois  
George Barry West, Syracuse, New York  
Mr. Edgar Joseph Whelan, C.S.C., Notre Dame, Indiana  
Donald Richard White, Haverhill, Massachusetts  
Michael Francis Wiedl III, Atlanta, Georgia  
Henry Russell Wilke, Hamilton, Ohio  
Gerald Leo Wilkes, St. Louis, Missouri  
Wallace Frederick Witwer, Akron, Ohio  
Mr. Jerome John Wood, C.S.C., Louisville, Kentucky  
John Michael Wursta,\* Wildwood, New Jersey  
John Francis Yankoviak,\* Cheboygan, Michigan  
James Joseph Yoch,\* Glendale, Missouri  
† Donald Paul Zeifang, Niagara Falls, New York  
Clarke Henry Zesinger, Jr., South Bend, Indiana  
Douglas James Zilliox, Buffalo, New York  
Alfred Mathias Zimmer, Sharon, Pennsylvania

*The Degree of Bachelor of Fine Arts on:*

† Arthur Harold Blakeslee, Jr., South Bend, Indiana  
James Belmont Carney, De Kalb, Illinois  
James Joseph Dolezilek, Poplar, Montana  
Robert Emil Eidschun, Short Hills, New Jersey  
Charles Bernard Farrelly, Roanoke, Virginia  
Jerry George Florent,\*\* Michigan City, Indiana  
Anthony Anicetus Macioce, East Detroit, Michigan  
Robert Barrie Maguire, Gladwyne, Pennsylvania  
† James Paul Panowicz, Dunkirk, New York  
John Francis Saladino, Kansas City, Missouri  
Kenneth Walter Walpuck, Tarrytown, New York  
Gerard Joseph Welling, South Bend, Indiana  
Kenneth Owen Witte, Pasadena, Texas

*The Degree of Bachelor of Music Education on:*

Ralph Vincent Capasso, Jr., South Orange, New Jersey  
Peter Bruce Cosacchi, Harrison, New York  
Terald Wayne Howard,\*\* Merrill, Wisconsin  
Kevin Joseph McCarthy, Lakewood, Ohio

*The Degree of Bachelor of Science in Physical Education on:*

William Joseph Agresta, Wenatchee, Washington  
Robert Edward Burton, Clinton, Indiana  
James Joseph Carroll, Miami Beach, Florida  
David Thornton Cotton, Schenectady, New York  
John Edward Dorrian,\* Columbus, Ohio  
Lewis Edward Edwards,\* East Chicago, Indiana  
Joseph Michael Gorham, Wilkes-Barre, Pennsylvania  
Frank Lee Hemphill, Chicago, Illinois  
Frederick Walter Jamroz, Jr.,\* Chicopee Massachusetts  
Robert Louis Lotti, Burlingame, California  
John Joseph Magee, Mattapan, Massachusetts

Noel Borgia O'Sullivan, Elizabeth, New Jersey  
James Richard Parker, Louisville, Kentucky  
Major Robert LaRue Solze, U.S.M.C., Sycamore, Ohio  
James Arnold Sullivan, Jr., Wilmington, Delaware

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### THE COLLEGE OF SCIENCE

*The Degree of Bachelor of Science on:*

Marvin David Anderson,\* Detroit, Michigan  
† Curtis Richard Baker, El Dorado, Arkansas  
John Aloysius Bennan, Chicago, Illinois  
Richard Gerard Bilodeau,\* Lewiston, Maine  
† Joseph Alexander Budck, Petoskey, Michigan  
Robert Albert Burtzlaff, Mansfield, Ohio  
Ralph Bernard Carolin, Pleasant Ridge, Michigan  
Vincent Ambrose Davin, Hamilton, Ohio  
James Edward Deibig, Galion, Ohio  
John Harold Denman, Grosse Ile, Michigan  
Richard Raymond DiDonato,\*\* Bloomfield, New Jersey  
Michael Phillip Dieter, Kansas City, Missouri  
John Robert Durburg, Chicago, Illinois  
† Robert Stephen Ellis, Jr., Flossmoor, Illinois  
Edward Vincent Ferrara,\* Syracuse, New York  
David Ellsworth Fixler,\*\* South Bend, Indiana  
William Marshall Gatti, Hackensack, New Jersey  
Walter King Gillen,\* Hudson, New York  
Thomas Willett Hagan, Louisville, Kentucky  
Edward Linn Heartfield, Port Arthur, Texas  
David Michael Hennes,\* Seattle, Washington  
Arthur James Hirschfeld,\*\*\* Champaign, Illinois  
George Alexander Horvath,\*\* South Bend, Indiana  
Ronald Joseph Horvath,\* Beaverdale, Pennsylvania  
Francis Samuel Iaquinta, Clarksburg, West Virginia  
Eugene Fusz Jordan, Clayton, Missouri  
Stephen John Kraus,\*\* Akron, Ohio  
Thomas Lee Kurt, Pratt, Kansas  
Colman George Lajcak, Avon, Ohio  
David Francis Malone, Cambridge, Massachusetts  
Peter Coleman McCasland, Waterbury, Connecticut  
John Douglas McKee,\* Flossmoor, Illinois  
Michael Joseph McKenna, Kingman, Kansas  
Henry William Menn, Jr., Scranton, Pennsylvania  
Robert Charles Middendorf, So. Ft. Mitchell, Kentucky  
Thomas Edward Moran,\* Indianapolis, Indiana  
Patrick William O'Daly, Brooklyn, New York  
William Patrick O'Grady,\* Brooklyn, New York  
Antonio Nunzio Parisi, Jr., Meriden, Connecticut  
Paul Vincent Quinn,\*\* Bound Brook, New Jersey  
Peter Joseph Quinn, III, Bloomfield, New Jersey  
Thomas Patrick Quinn, III, Ft. Lauderdale, Florida  
Leo Joseph Reheman,\* Hardinsburg, Kentucky  
John Joseph Roberts, Marquette, Michigan  
John Arthur Robinson,\* Wilmette, Illinois  
William David Roche, Jr., Marlboro, Massachusetts  
John Edward Rogers, Pampa, Texas  
Thomas Martin Rourke, Prides Crossing, Massachusetts

William Edward Scheckler,\*\* Kenosha, Wisconsin  
James Alexander Scheidler,\*\* Hartford City, Indiana  
Anthony Dominic Schilling, Jr., Belleville, Illinois  
John Patrick Sears, Syracuse, New York  
Charles Lawrence Sedelmeyer, North East, Pennsylvania  
Edwin Lawrence Shay, Brooklyn, New York  
Patrick Francis Sheedy, II, \*\* Pittsburgh, Pennsylvania  
Edwin Louis Silliman, Jr., Louisville, Kentucky  
Howard Maynard Snook,\* Battle Creek, Michigan  
Daniel Power Stanton, Jr., Baltimore, Maryland  
Thomas Austin Starkey,\* Beardstown, Illinois  
Brother Lawrence Bruce Stewart, C.S.C., Lakewood, Ohio  
Dennis James Sullivan, Buffalo, New York  
Ronald Joseph Telk, Denver, Colorado  
Richard Joseph Tirman, Brooklyn, New York  
Gregory Owens Walsh,\*\* Los Angeles, California  
† Norbert Leonard Wiech, Chicago, Illinois  
Donald Michael Wood,\* North East, Maryland  
Allan Richard Zell, New York, New York

*The Degree of Bachelor of Science in Chemistry on:*

John Holt Brazinsky,\* Washington, D. C.  
George Vincent Calder,\* Sumter, South Carolina  
William Lee Hergenrother, Springfield, Illinois  
James Paul Melka, Jr.,\* Cicero, Illinois  
Edward Francis Sonoski, Jr., Oil City, Pennsylvania  
Robert Thaddeus Wisne, Euclid, Ohio

*The Degree of Bachelor of Science in Geology on:*

Vincent Paul Cummings, North Adams, Massachusetts  
Angelo Santo Dispensa, Galveston, Texas  
John David Lynn, Bethlehem, Pennsylvania

*The Degree of Bachelor of Science in Mathematics on:*

Claiborne Holt Johnson, Jr.,\*\* Dallas, Texas  
Thomas Warren Scharle,\* Dubuque, Iowa  
Erwin August Schroeder, South Bend, Indiana

*The Degree of Bachelor of Science in Physics on:*

James Lawrence Allen, Jr., Catasauqua, Pennsylvania  
Dale John Arpasi, South Bend, Indiana  
Norman Eugene Bergeson, Kankakee, Illinois  
Michael Joseph Brienza,\*\* Mount Vernon, New York  
† John Lawrence Chute, Jr., East Chicago, Indiana  
Michael Joseph DeHaemer,\*\* Parkville, Missouri  
Frederic George De Rocher, Cleveland, Ohio  
Edgar Jackson Evans, III, Denville, New Jersey  
James Louis Kolopus,\* Elyria, Ohio  
Denis Davis Manchon, Jr.,\* New Orleans, Louisiana  
Daniel Neil Mandell, Jr., Scarsdale, New York  
Larry George Mitchell, Winslow, Maine  
Herbert Robert Moeller,\* East Norwalk, Connecticut  
Robert George Salinger,\* Mt. Penn, Pennsylvania  
Eugene Henry Spejewski,\* East Chicago, Indiana  
Norbert James Spitzer, Green Bay, Wisconsin

*The Degree of Bachelor of Science in Zoology on:*  
Sumner Wolcott Dana, Pittsburgh, Pennsylvania

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### THE COLLEGE OF ENGINEERING

*The Degree of Bachelor of Science in Aeronautical Engineering on:*

Donald Albert Baumgartner,\* Naperville, Illinois  
† Ronald Hilt Blake, Bridgeport, Connecticut  
Bernard Eugene Davis, Medina, New York  
† Frank Henry Freidhoff, II, Johnstown, Pennsylvania  
David Roland Gundling, Washington, D. C.  
† Michael James Henderson,\* Lafayette, California  
Richard Lee Hoffman, East Morgan, Colorado  
John Philip Hopkins,\* Endicott, New York  
Robert Voorhees Johnson, Jr., Atlanta, Georgia  
† Robert Carl Kaecher, New Hyde Park, New York  
† Ned John MacCarthy, Fanwood, New Jersey  
† William Stocker McCaffrey, Pittsburgh, Pennsylvania  
Dennis Joseph McGovern, Rocky River, Cleveland, Ohio  
Denis Peter Nolan, San Francisco, California  
Vincent Paul Nolan, Queens Village, New York  
Anthony Vincent Pacilio, East Rochester, New York  
Wayne Alexander Pence, Jr.,\*\* Kansas City, Missouri  
Frederick Anthony Picchioni, Rockford, Illinois  
James Paul Poynton, Lake Bluff, Illinois  
Donald Lee Prairie, Momence, Illinois  
Patrick John Roache, Detroit, Michigan  
† Claude Samuel Sraphie, Jr., Hattiesburg, Mississippi  
Robert Bruce Sienko, Middletown, Connecticut  
William Frederick Vossman, Milwaukee, Wisconsin  
Peter James Walmsley, East Orange, New Jersey  
Arthur William Wiggins,\* South Bend, Indiana

*The Degree of Bachelor of Architecture on:*

Michael Thomas Callahan, Hillsdale, Michigan  
David Eugene Eberl, Buffalo, New York  
James Alan Fowler, Bismarck, North Dakota  
Sergio Hector Garza, Mexico City, Mexico  
Pasqual Anthony Gattozzi, Lyndhurst, Ohio  
Alvaro Manuel Gurdian, Managua, Nicaragua  
James Harold Howell, Muskegon, Michigan  
† Patrick Francis Kane, Sherman Oaks, California  
Michael Daniel Kelly, Menlo Park, California  
Stanley John Lacz, Paterson, New Jersey  
John Basil Lazor, Chagrin Falls, Ohio  
James Wallace Miller, Park Forest, Illinois  
Charles Edward Noll,\* McCook, Nebraska  
Peter Ivan Osorio, Managua, Nicaragua  
Ronald Lee Parker, Burbank, California  
Edgar Jose Peñalba, Managua, Nicaragua  
Charles Eugene Petrungaro, Chicago, Illinois  
Thomas Patrick Quinn, Chicago, Illinois  
Joseph Priede Rodriguez, Tampa, Florida  
Edward Orlando Ronchelli, Santa Rosa, California

William Francis Thrall,\*\* Grand Rapids, Michigan  
Gary Miles Victor, Tulsa, Oklahoma  
Daniel Francis Walter, Birmingham, Michigan

*The Degree of Bachelor of Science in Chemical Engineering on:*

† Robert William Armstrong, Indianapolis, Indiana  
Robert Louis Bangasser, Freeport, Illinois  
Robert Jay Basolo, McAlester, Oklahoma  
Jean Marc Beaudoin, Duluth, Minnesota  
Burton Edwin Benrud, Red Wing, Minnesota  
† Michael Richard Comiskey, New Rochelle, New York  
John David Deibig, Galion, Ohio  
David Conrad Dodge, Seroc Colorado, Aruba, Netherlands West Indies  
Philip Richard Donegan, Chicago, Illinois  
Jacob Anthony Dvorak, Brackenridge, Pennsylvania  
Richard Patrick Griffin,\* East St. Louis, Illinois  
James Edward Houston,\* Casper, Wyoming  
† David Bernard Korzenksi, Dunkirk, New York  
Edward Charles Krall, Kansas City, Kansas  
Robert Joseph Kriner, Indianapolis, Indiana  
Don Lawrence Kristinik,\* Houston, Texas  
† John Joseph McCullough, Brooklyn, New York  
Patrick John McDonald, Wheaton, Illinois  
Harold Earl McKee, Jr.,\* Western Springs, Illinois  
William Bernard McManus, Westfield, New Jersey  
Thomas Irving McSweeney,\* Fulton, New York  
Edward Holder Mertz, Birmingham, Michigan  
George Robert Miller, Keokuk, Iowa  
James Almon Moffitt, Newton, Iowa  
Francis Joseph Mootz, Indianapolis, Indiana  
John Joseph O'Brien, Butler, Pennsylvania  
Andrew Padilla, Jr., Honolulu, Hawaii  
Leonard Joseph Pieroni,\*\* Chicago, Illinois  
Robert Edgar Pieslak, Morrisville, Pennsylvania  
Joseph Alfred Puma, Brooklyn, New York  
Lee Michael Shipman, Niles, Illinois  
Trenton John Spolar,\* De Pue, Illinois  
Eduardo José Tejeira, Panama, Republic of Panama  
Anthony Leonard Walsh, Jr., Savannah, Georgia  
William Joseph Ward, Jr., Elizabeth, New Jersey  
Eugene North Wood, Jr., Tulsa, Oklahoma

*The Degree of Bachelor of Science in Civil Engineering on:*

Thomas Francis Allen, Ann Arbor, Michigan  
Luis Enrique Amaya, I, Bogotá, D.E., Colombia, South America  
Warren Joseph Baker, Westminster, Massachusetts  
Moritz Otto Bergmeyer, West New York, New Jersey  
John Albert Brunalli,\* Southington, Connecticut  
Paul Leslie Carroll, Jr., Latrobe, Pennsylvania  
† Robert Emmett Cowhey, Chicago, Illinois  
James Joseph Driscoll, Brooklyn, New York  
John Raymond Fitzpatrick, Jr., Glenside, Pennsylvania  
Dennis John Gaydos, Streator, Illinois

Gerald Lee Goudreau, Cleveland, Ohio  
† Michael Borden Harrington, Carteret, New Jersey  
James Jeremiah Healy, Mishawaka, Indiana  
James Francis Herlihy, Jr., Everett, Massachusetts  
† James Francis Holzbach, Elizabeth, New Jersey  
Ronald Joe Joseph, Dothan, Alabama  
† John Charles Kiefer, Muncie, Indiana  
Ronald David Lipps, Frederick, Maryland  
Don Robert McKibben, Buffalo, New York  
Richard Brian Pagen, Crestwood, New York  
Robert Allen Putnam,\*\* Potsdam, New York  
Brian Michael Smith, Boston, Massachusetts  
George Jay Thelen, Covington, Kentucky  
Barry Peter Voight, Scarsdale, New York

*The Degree of Bachelor of Science in Electrical Engineering on:*

Bernard Paul Allard, Culver City, California  
Walter Andrew Barniskis, Springfield, Illinois  
Lawrence Francis Barone, Jr., North Miami Beach, Florida  
Paul Arthur Becker, Smithton, Illinois  
Robert Eugene Beckerle, Evansville, Indiana  
Franklin Walter Bohlen, Dobbs Ferry, New York  
Thomas Michael Brady, Delmar, New York  
John Edward Brosius, Chicago, Illinois  
William Thomas Buonaccorsi,\* New York City, New York  
Jaime Calle-G., Bogotá, Colombia, S. A.  
Francis Xavier Carten, Wayne, Pennsylvania  
Joseph Christopher Crotty, Pocahontas, Iowa  
Ralph Rocco Danna, Creve Coeur, Missouri  
Xavier Anthony DeAngelis, South Bend, Indiana  
Benjamin Franklin Finley, New York, New York  
Robert Anthony Frassanito, Leonia, New Jersey  
Alexander John Glockner, Jr., Columbus, Ohio  
Walter Joseph Gomlicker, Scarsdale, New York  
Malcolm Joseph Gowen, Fort Wayne, Indiana  
Robert Keith Heldman, Lockport, Illinois  
Peter Aloysius Hickey, Syracuse, New York  
Edward Francis Kness, Baltimore, Maryland  
Eugene Thomas Kozol,\* Binghamton, New York  
† Frank Andrew La Sala, Paterson, New Jersey  
Dennis Leslie Mangan,\* Elgin, Illinois  
Patrick Edward Mantey,\*\* Sharon Springs, Kansas  
Joseph Edward McCarthy, Chicago, Illinois  
† Frank Xavier Moosbrugger, Skokie, Illinois  
James Garrick Nemechek, San Diego, California  
† James Edward Ogburn, Louisville, Kentucky  
† Charles Richard Olson,\* Chicago, Illinois  
Robert Patrick Parnell,\* Brooklyn, New York  
William Albert Pauwels, Jackson, Michigan  
Thomas Patrick Quinn, Park Ridge, Illinois  
George Michael Richvalsky,\* Bayonne, New Jersey  
Charles Edwin Riehm, Jr.,\*\* Louisville, Kentucky  
Phillip Richardson Romig, Jr., Zanesville, Ohio  
Robert Raymond Ruhlin, Baldwin, New York  
Anthony Joseph Russo,\* Brooklyn, New York  
Ronald Joseph Sandford, Paterson, New Jersey

Anthony Peter Shalhoup, Norfolk, Virginia  
Augusto Spencer,\* Santiago, Chile  
John Patrick Titterton, Farmingdale, New York  
Thomas Charles Torri, Jackson, Michigan  
John Julian Uebbing,\*\* Chicago, Illinois  
Arthur Linton Valdez, San Pedro, California  
Arthur Raymond Velasquez, Chicago, Illinois  
Robert Emmett Walsh, Oswego, Oregon  
Robert Philip Zimmer,\* Norco, Louisiana

*The Degree of Bachelor of Science in Engineering Science on:*

Donald Joseph Baker, Cleveland, Ohio  
John Arnold Birdzell,\* Bismarck, North Dakota  
John Welch Carpenter, Mahopac, New York  
James Robert Daiber,\* Doylestown, Ohio  
Robert Korte Fulton,\* Roanoke, Virginia  
James Francis Hayes, Larchmont, New York  
Douglas William Heying,\*\* Alta Vista, Iowa  
Dermod Kelleher,\* Wethersfield, Connecticut  
John Robert Kohout, Defiance, Ohio  
Robert August Marose, North Arlington, New Jersey  
Paul James Marto,\*\* Little Neck, New York  
Thomas James Moran,\* Delano, Minnesota  
David Joseph Nagel,\*\* West Chicago, Illinois  
Andrew Stephen Poltorak,\*\* Somerville, New Jersey  
William Casey Reilly, Jr., West Orange, New Jersey  
David Fred Roller, Hazleton, Pennsylvania  
Richard Stephen Sapp,\* Munhall, Pennsylvania  
Frederick James Sellers, Wellston, Ohio

*The Degree of Bachelor of Science in Mechanical Engineering on:*

John James Adams, Washington, D. C.  
Salem Vincent Ahto, Madison, New Jersey  
Paul William Beiter,\*\* Lancaster, Ohio  
† Thomas Neros Berthiaume, Superior, Wisconsin  
John Edward Bislew, Racine, Wisconsin  
William O'Brien Boland, Jr., Louisville, Kentucky  
Robert Murdock Bowen, Evanston, Illinois  
Joseph Charles Cash, Anamosa, Iowa  
John Louis Castello, St. Louis, Missouri  
Michael Morency Cleary, Winnetka, Illinois  
William Joseph Dalton, Jr., LaGrange, Illinois  
Karl Francis Dietsch, South Bend, Indiana  
Leo Andrew Dilling,\* Gary, Indiana  
† Patrick Edwin Dittrich, Short Hills, New Jersey  
Joseph William Dorrycott, Washington, Pennsylvania  
† Gerald Roger Eddens, St. Louis, Missouri  
Frank Duane Eischen, Cherokee, Iowa  
Stephen Elek, Jr., South Bend, Indiana  
Charles Richard Evces, East Liverpool, Ohio  
† Edmund David Foley, Anderson, South Carolina  
John Frederick Foote, San Gabriel, California  
Robert Alphonse Goldschmidt, Cincinnati, Ohio  
James Gerard Griffin, Pittsburgh, Pennsylvania  
William Edward Grunert,\* Lowville, New York

John Philip Gundermann, Park Forest, Illinois  
Duane Otto Haag, Thompson, Iowa  
Donald William Hanigan, Chicago, Illinois  
† James Lee Heavey, Chicago, Illinois  
Michael James Henderson,\* Lafayette, California  
Jerome Charles Hensler, Irwin, Pennsylvania  
Thomas Joseph Hirons,\* Adrian, Michigan  
William Ward Howard, La Jolla, California  
† Jerome George Jungels, Aurora, Illinois  
Thomas John Keegan, Rochester, New York  
Edward Thomas Kennedy,\* Chicago, Illinois  
Dennis Reese Kidder, Chicago, Illinois  
Daniel Ernest Kletter, Pittsburgh, Pennsylvania  
Robert Louis Koch, II,\* Evansville, Indiana  
† Richard Charles Latimer, Appleton, Wisconsin  
Lawrence Edward Leach, Grand Rapids, Michigan  
Anthony Thomas Liotti, Buffalo, New York  
† Phillip Wallace Ludwig, Kalamazoo, Michigan  
Jerome Joseph Lukas, South Bend, Indiana  
Brian Patrick Mahedy, Des Moines, Iowa  
John Francis Mannion, Jr., Oak Park, Illinois  
Eugene Richard Masters, Great Neck, New York  
Joseph Frederick McBride,\*\* Saint Louis, Michigan  
Thomas Joseph McCarey, Short Hills, New Jersey  
Theo Henry McCourtney, Jr.,\* Memphis, Tennessee  
† Michael Burke McGrath, Davenport, Iowa  
Robert Joseph McKenzie, Galesburg, Illinois  
Robert William Meyer, Jr., Cadillac, Michigan  
Raymond Edward Mullen, Cheltenham, Pennsylvania  
† William Leslie O'Bryan, Chicago, Illinois  
Massimiliano Mickey Pavia, Milan, Italy  
Harry Francis Pepper, Jr., Butler, Pennsylvania  
Thomas Joseph Plevyak, Newton, New Jersey  
Frank James Poncino, Jr., New Providence, New Jersey  
Stephan Alexander Pursley,\*\* Indianapolis, Indiana  
† Daniel Paul Rapp, Buffalo, New York  
William George Roth,\* Lambert, Minnesota  
Edward James Shadd, Fayetteville, New York  
Thomas Tibor Shishman,\* Norfolk, Virginia  
† Charles Morris Sincell, Jr., Fairmont, West Virginia  
Richard Michael Sokolovske, Sioux City, Iowa  
Charles Gerard Speicher, Carbondale, Pennsylvania  
Dee Cooper Stevenson, Wichita, Kansas  
Eugene Conrad Sutton, Belleville, Illinois  
Donald Gregory Sweeney, Fargo, North Dakota  
Victor Eduardo Vidaurre Heiremans,\* Santiago, de Chile  
Frank John Visovatti, Virginia, Minnesota  
John Anthony Weglinski,\* Jersey City, New Jersey  
Robert Paul Weingart, Cranford, New Jersey  
Paul Joseph White, South Bend, Indiana  
Edward Nick Wojcik, Manchester, Connecticut  
James Bragdon Wulf, Rock Island, Illinois

*The Degree of Bachelor of Science in Metallurgy on:*

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Robert Joseph Diersing, Youngstown, Ohio  
Thomas James Fitzgerald, University Heights, Ohio

Donald Robert Geis, Grosse Pointe Woods, Michigan  
Thomas Edward Kowalski, Grand Rapids, Michigan  
Joseph Leo Long, III, Tacoma, Washington  
Richard Francis Schossler, Titusville, Pennsylvania  
Richard Leon Stegman, Arlington, Virginia

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### THE COLLEGE OF COMMERCE

*The Degree of Bachelor of Philosophy in Commerce on:*

Paul Terrence Lamb, Washington, D. C.  
Richard Freeman Lark,\* East Williston, New York

*The Degree of Bachelor of Science in Commerce on:*

Caram Joseph Abood, Johnstown, Pennsylvania  
† Ronald Louis Boucher, Arlington, Massachusetts  
Robert Michael Brady, Celina, Ohio  
John Gorman Byrne, Jr., Williamsville, New York  
† Richard John Ciesielski, South Bend, Indiana  
Paul Henry Deniger, Beaver Dam, Wisconsin  
† Brian Francis Foley, New Canaan, Connecticut  
David Hadley Kelsey, Santa Fe, New Mexico  
† Leon Joseph Kindt, South Bend, Indiana  
† Edward Michael Lahey, Lee, Massachusetts  
† Francis Hunter Loosen, Okarche, Oklahoma  
Thomas Alexander Mayer,\* Bismarck, North Dakota  
William Joseph Moore, Detroit, Michigan  
† Arthur Paul Murphy, Milton, Massachusetts  
† Joseph Edward O'Callaghan, Memphis, Tennessee  
† Robert Eldridge Pruett, Elgin, Illinois  
Robert William Reaume, Santa Monica, California  
† John David Samuelson, Rochester, New York  
Edward Joseph Schaaf, Jasper, Indiana  
Joe Leo Shaw,\*\* Bloomington, Illinois  
† William Alfred Schroeder, LaPorte, Indiana  
Joseph Stephen Slade,\* South Bend, Indiana  
Richard Keith Uhlmeyer, Rock Island, Illinois

*The Degree of Bachelor of Business Administration on:*

Kenneth Marshall Adamson, Colorado Springs, Colorado  
Luke John Albers, Celina, Ohio  
James Joseph Anderson, Cortland, New York  
Gerald Patrick Arnoult, Memphis, Tennessee  
Paul Alexander Barela, Albuquerque, New Mexico  
Joseph William Barry, Quakertown, Pennsylvania  
† Anthony Robert Bartolini, Chicago Heights, Illinois  
Andrew Patrick Barton, Jr., Cincinnati, Ohio  
Thomas Joseph Bartsch, Aurora, Illinois  
Thomas Frederick Bates,\* Meadville, Pennsylvania  
Richard John Belmont, Highland Park, Illinois  
Richard Clark Benkendorf, Bushnell, Illinois  
Robert George Bennett, Freeport, Illinois  
William Joseph Bennett, Kirkwood, Missouri  
Paul Basil Beretz, Great Neck, Long Island, New York

Paul Anthony Bertsch, Akron, Ohio  
Thomas Carl Biever, Aurora, Illinois  
Robert Joseph Blum, Jr., Cincinnati, Ohio  
Armand Ronald Bobrick, Corning, New York  
Dennis Joseph Bodziony, Garfield Heights, Ohio  
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Richard Warren Bond,\* Battle Creek, Michigan  
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Jorge Frank Boyd, Panama City, Panama  
Peter Kahl Boyle, Sharon, Pennsylvania  
† Charles David Broecker, Indianapolis, Indiana  
Ronald Otis Broussard, Long Beach, Mississippi  
Marion Lee Brown,\*\* Memphis, Tennessee  
Austin Roger Brunelli, Jr., Norfolk, Virginia  
Ronald Matthew Bukowski, Milwaukee, Wisconsin  
John Colman Burke, Chicago, Illinois  
John Joseph Burns, Chicago, Illinois  
Thomas Henry Burns, Emmaus, Pennsylvania  
† Charles Clements Butler, Mankato, Minnesota  
Edward Bernard Butler, Jr.,\* Akron, Ohio  
John Patrick Callahan, Chicago, Illinois  
John Vincent Carretta, Arlington, Virginia  
William Arthur Cashman, Jr.\* Westfield, New Jersey  
Alfonso Robert Cennname, Woodlyn, Pennsylvania  
John Francis Cihak,\* San Diego, California  
William Arthur Clamens, Caracas, Venezuela  
William John Clancy, South Bend, Indiana  
Charles Clark, Jr., Dallas, Texas  
Donald William Clark, River Edge, New Jersey  
Paul Anthony Cloedy, St. Louis, Missouri  
† James Francis Colosimo, Eveleth, Minnesota  
William Joseph Comerford, Joliet, Illinois  
Donald Francis Condit, Ferndale, Michigan  
Terrence Nolan Conway, Kansas City, Missouri  
Joseph Foeller Cooney,\* Delaware, Ohio  
Thomas Michael Corcoran, Morton Grove, Illinois  
Peter Alan Corrigan, Larchmont, New York  
Neil Bernard Cousino, Erie, Michigan  
Patrick Joseph Crawford, Des Moines, Iowa  
Francis Patrick Creadon, Riverside, Illinois  
Richard Mason Crooks, Summit, New Jersey  
William Stephen Culliton, South Bend, Indiana  
George Vincent Cunney, Salem, Massachusetts  
Richard Clark Daggett, Cheboygan, Michigan  
Charles Michael Daly, Far Hills, New Jersey  
Gary Michael Dalzell, Kokomo, Indiana  
William Richard Darnell,\* Paducah, Kentucky  
William Samuel Davis, Columbus, Ohio  
Pierce Edward DeGross, Mountain Lakes, New Jersey  
Arthur Joseph Delaney, DuBois, Pennsylvania  
Jerome James DeLay, III, Downers Grove, Illinois  
Clemence John DeMack, Harvey, Illinois  
Thomas Michael Dempsey, Dubuque, Iowa  
Fredrick Mathew Deutsch, Neenah, Wisconsin  
Donald Joseph Dimberio,\* Wickliffe, Ohio  
Francis Xavier Distel, East Lansing, Michigan  
Michael Francis Dodd, Columbus, Ohio

James Emmet Dohany, Detroit, Michigan  
James Thomas Doherty, Somerset, Pennsylvania  
David Matthew Dooley,\* Loogootee, Indiana  
John Frederick Dorenbusch,\* Middleton, Ohio  
† Tracy McLean Douglass, Rockaway Beach, New York  
James Charles Doyle, Birmingham, Michigan  
Joseph John Drago, New York, New York  
Gerald Michael Driscoll, Oak Park, Illinois  
Willard Theodore Dudley, Jr., Newhall, California  
† William Joseph Duma,\* Milwaukee, Wisconsin  
Walter James Easterly, Hollywood, Florida  
Charles Arthur Eaves, III, Hudson, Ohio  
James Herbert Eggert, Oak Park, Illinois  
Paul Michael Ehlerman, Glenview, Illinois  
George Jeremiah Ellis, Houston, Texas  
William John Erwin, Jr., Chicago, Illinois  
Harry Richard Favret, Cincinnati, Ohio  
David Andrew Fay, Needham, Massachusetts  
Michael Anthony Feldmeier, Chicago, Illinois  
William Thomas Ferns, Jr., Concord, New Hampshire  
Robert Cummings Findlay, Washington, D. C.  
William VanCamp Fischer, Fort Pierre, South Dakota  
John Martin Fitzgibbon, Oak Park, Illinois  
Christopher Stephan Flanagan, Port Arthur, Texas  
James Joseph Flannery, Cleveland, Ohio  
Howard Patrick Foley, New Canaan, Connecticut  
Michael Timothy Foley, Vancouver, British Columbia  
Henry James Frawley, Spearfish, South Dakota  
Richard Ives Fremgen,\* Arlington Heights, Illinois  
† Gerald Jenkins Friesenecker, Freeport, Illinois  
Gerald George Froelke, Jr., Hamilton, Ohio  
Roger Allen Fuydal, Clifton, New Jersey  
Fred Eric Gade,\* Birmingham, Michigan  
John Michael Gamble, South Bend, Indiana  
John Paul Gehl,\* Milwaukee, Wisconsin  
Eugene Thomas Gibney, Jr., Grosse Pointe, Michigan  
Patrick Edward Ginley, Cleveland, Ohio  
Richard Conrad Glomb, Hamilton, Ohio  
Alberto Jose Gonzalez, San Juan, Puerto Rico  
Jerome Louis Gould, Erie, Pennsylvania  
Nicholas John Graffeo, Jr., Homewood, Alabama  
Richard Hunter Graham, Chicago, Illinois  
Daniel Bernard Grams, South Bend, Indiana  
Thomas Francis Grojean,\* Chicago, Illinois  
Leonard Joseph Hanlock, Winfield, Illinois  
Eugene Burks Harshbarger,\*\* Naperville, Illinois  
Peter VanAmberg Hasbrook, Green Bay, Wisconsin  
Keith Anthony Hauge,\* Winona, Minnesota  
John Joseph Healy, Jackson, Mississippi  
Richard Thomas Healy, Detroit, Michigan  
Patrick Dennis Heenan, Detroit, Michigan  
Robert James Helfenbein, Chicago, Illinois  
Harry Leonard Henning, Jr.,\* Chamblee, Georgia  
Thomas Allan Herbstritt, Jr., River Forest, Illinois  
William Roger Hickey, Geneva, Illinois  
Joseph Melody Hilger, Columbus, Indiana  
Robert Lee Hollis,\*\* Aurora, Illinois

Robert Lawrence Horn,\* Green Bay, Wisconsin  
Eugene Edward Hracho,\* Reading, Pennsylvania  
Thomas Charles Huck, Quincy, Illinois  
James Edward Hutton, Muskegon, Michigan  
Richard Cornell Imming, Elgin, Illinois  
Felix William Isherwood, III, Montclair, New Jersey  
George William Izo, Barberton, Ohio  
Rodger Kiley Jenkins, Richmond, Indiana  
Robert James Juckniess, Riverside, Illinois  
Henry Joseph Junge, Chicago Heights, Illinois  
Kenneth George Kabza, Chicago, Illinois  
Thomas Nickolas Kamp, LeMars, Iowa  
George David Kappus,\* Elmhurst, Illinois  
James Paul Kelly, Bartlesville, Oklahoma  
John Leslie Kelly, Jr., Riverside, Illinois  
William Thomas Kelly, Teaneck, New Jersey  
Edward Alan Kennedy, Winnetka, Illinois  
Thomas Michael Kennedy, Hartford, Connecticut  
James Blair Kenny, Jr., Niles, Michigan  
John Paul Kenny, Chicago, Illinois  
Edward James Kfoury, Andover, Massachusetts  
Stephen Anthony Kiley, Kokomo, Indiana  
William Burnell Killilea, San Mateo, California  
Edward Travis Kirchmier, Jr.,\* Portsmouth, Virginia  
Michael Robert Kopcsik, Orchard Lake, Michigan  
Joseph Michael Krupp, Jr.,\*\* Miami Shores, Florida  
Frederick Lawrence Kurst, Trenton, New Jersey  
John Robert LaMontagne, Chicago, Illinois  
John Robert Lang, Lyndon, Kentucky  
Terry Xavier Laughlin,\* Long Beach, California  
Ernest Joseph Lawinger, Dodgeville, Wisconsin  
Maurice Joseph Lefere, Jackson, Michigan  
David William Leicht, Rochester, New York  
James Leon Lekin, Des Moines, Iowa  
Albert Coad LeSage, Superior, Wisconsin  
Gill Marrin Lewis,\* Ladue, Missouri  
Robert Francis Logan, Milton, Massachusetts  
Lawrence Chester Loje, Euclid, Ohio  
Paul Francis Lombardi,\* Rome, Georgia  
Gregory George Lucas, Sioux Falls, South Dakota  
James Vincent Lynott, Chicago, Illinois  
Daniel Joseph MacDonald, Muncie, Indiana  
Richard Albert Maday, Chicago, Illinois  
John Joseph Maher, New Castle, Indiana  
Keith Kahlo Malcolm, South Bend, Indiana  
Thomas Joseph Malia, Mishawaka, Indiana—*Posthumous award*  
Charles Joseph Maneri, Jr.,\* Poughkeepsie, New York  
David Joseph Maresh, Cedar Rapids, Iowa  
Jacob Robert Marhoefer, Glenview, Illinois  
Robert Peter Marschall, Wilmette, Illinois  
Thomas Joseph Martin, Chicago, Illinois  
Raymond Rockne Maturi, Chisholm, Minnesota  
Mario John Mauro, Lincoln Wood, Illinois  
John Warren McCann, Stamford, Connecticut  
Daniel Leo McClorey, Detroit, Michigan  
William Keating McCormick, Merrick, New York  
William George McCoy, Bareville, Pennsylvania

Allen Arthur McCusker, Brooklyn, New York  
Francis Patrick McFadden, Jr., New Rochelle, New York  
Donald Paul McGann, Joliet, Illinois  
Daniel Jeremiah McGlynn, St. Louis, Missouri  
John Patrick McKenna, Jr., Albany, New York  
Edward James McKeown, Chesterton, Indiana  
John Robert McNeil, III, Lawrenceville, New Jersey  
Daniel Edward McVeigh, Bellrose, New York  
Thomas Allan Mekus, Archbold, Ohio  
John Carroll Merchant, Wauwatosa, Wisconsin  
Charles Thomas Meyers,\* Cincinnati, Ohio  
Robert Edward Miles, Fort Wayne, Indiana  
George James Milton, Sands Point, New York  
Michael Thomas Monahan, Cleveland Heights, Ohio  
Michael John Muehlbauer, Buffalo, New York  
John George Mueller, Sherwood, Wisconsin  
Paul Joseph Mulcahy, Jr., South Orange, New Jersey  
John Michael Mulhall, Owosso, Michigan  
Leonard Joseph Muller, Greenbelt, Maryland  
Dennis James Murphy,\* Grand Rapids, Minnesota  
Forrest Joseph Murphy, Clayton, Missouri  
Kenneth Bernard Murphy,\* Malverne, New York  
Michael Max Murphy,\* Beverly Hills, California  
Terence James Murphy, Hammond, Indiana  
Andrew James Murray, Cedar Rapids, Iowa  
Marco Joseph Muscarello,\* Niles, Illinois  
William Paul Najjum, Roanoke, Virginia  
Timothy Scott Needler,\* Fort Wayne, Indiana  
Robert Joseph Nicolazzi, Kenosha, Wisconsin  
William Michael Noyes, Prairie Village, Kansas  
Declan Joseph O'Donnell, Detroit, Michigan  
Frederick Russell Ogan, Crown Point, Indiana  
James Reed O'Malley, Aurora, Illinois  
Philip Joseph O'Reilly, New York, New York  
Brian Kevin O'Sullivan, Newburgh, New York  
Laurence David Otte, Appleton, Wisconsin  
Alfred Jerome Owings, Richmond, Virginia  
Sahag Garabed Oxian, South Bend, Indiana  
Mauro Jerome Pando, Larchmont, New York  
John Harry Parker,\* Petoskey, Michigan  
Robert Copeland Paul, Jr., Raleigh, North Carolina  
Ronald Victor Paul, Detroit, Michigan  
Matthew James Peters, Iowa City, Iowa  
Carl Russell Peterson, Jr., Jamestown, New York  
Robert Bernard Pfeifer, Indianapolis, Indiana  
William Kyran Phelan,\* Chicago, Illinois  
James William Pielsticker, Tulsa, Oklahoma  
Gerald Morris Pierce, Minburn, Iowa  
† Raymond Daniel Plencner, South Bend, Indiana  
Warren Richard Plunkett, Wilmette, Illinois  
Edward John Pocius, Chicago, Illinois  
Thomas Felice Policastro, Greensburg, Pennsylvania  
John Ernest Potarf, Denver, Colorado  
Victor Francis Potocny, South Bend, Indiana  
Patrick James Potter, Detroit, Michigan  
William Charles Potter, Jr.,\* Birmingham Michigan  
John Edward Pouba, Cicero, Illinois

Charles Edgar Priester, Wheeling, Illinois  
† Edward Vaughan Quinn, River Forest, Illinois  
John James Quinn, Jr., Philadelphia, Pennsylvania  
James Eric Radke, Waukegan, Illinois  
Russell Monroe Raque, Louisville, Kentucky  
Joseph John Reaney, Manhasset, New York  
George Herbert Reeber, Detroit, Michigan  
Thomas Vanhorn Reichert, Minneapolis, Minnesota  
Terence Michael Reidy, Kansas City, Missouri  
John Terence Reilly, South Euclid, Ohio  
Patrick Vincent Reilly,\* Lake Forest, Illinois  
John Henry Reisert, Louisville, Kentucky  
† Frank Reinhold Reitter, Chicago, Illinois  
Daniel Leon Reynolds, Pittsburgh, Pennsylvania  
Eugene James Richiski, Florida, New York  
Harry J. Richter, Rochester, Indiana  
Thomas Michael Rini, Cleveland, Ohio  
† David Lee Roemer, Milwaukee, Wisconsin  
Louis Michael Romano, Chicago Heights, Illinois  
Thomas Joseph Ruetz,\* South Bend, Indiana  
George Warren Ryan, Great Neck, New York  
James Joseph Ryan, III, Warren, Ohio  
Peter Ambrose Ryan, Jr., Trenton, New Jersey  
Albin Walter Sabal, Chicago, Illinois  
Burnette Gregory St. Romain, Jr., Bunkie, Louisiana  
Frederick Lewis Salmon, III, Chicago, Illinois  
David Emerson Sanger, Monroe, Michigan  
Ralph Hanrahan Sauer, Houston, Texas  
Peter Elias Sayour, Brooklyn, New York  
Paul David Scagliarini, Ludlow, Massachusetts  
Kenneth Robert Scarbrough, McDonald, Ohio  
Gerard Rody Scheib, Jr., Winnetka, Illinois  
† Richard Joseph Scheibelhut, Mishawaka, Indiana  
Michael Joseph Schlitt, Chicago, Illinois  
Gene Herbert Schulz, Port Arthur, Texas  
Charles Joseph Scrivanich, Lyndhurst, New Jersey  
Harold Aloysius Seitz, Atlanta, Georgia  
Richard Marantette Senecal, Detroit, Michigan  
Brian Owen Shannon,\*\* Chicago, Illinois  
Philip Stephen Singleton, Jr., Salem, Massachusetts  
Ben Michael Sirianni, Jr., Eau Claire, Wisconsin  
Kenneth Clay Smith, Indianapolis, Indiana  
Paul Thomas Smith, Garden City, New York  
Russell Edmund Smith, Plainville, Connecticut  
Donald John Sonnenberg, Erie, Pennsylvania  
William Louis Stehle,\*\* Sandusky, Ohio  
James Edward Sullivan, Evanston, Illinois  
Wayne Allen Sullivan, Chicago, Illinois  
John Paul Swartz, South Bend, Indiana  
James Christian Teare, Beaumont, Texas  
John Vincent Thilman, South Bend, Indiana  
Lawrence Arthur Tholen, Wichita, Kansas  
Joseph Thummess, Jr., Interlaken, New Jersey  
Robert Floyd, Toland, Chicago, Illinois  
William Charles Troy, De Witt, Iowa  
Thomas William Tucker, Reading, Pennsylvania  
James Patrick Turner, Cedar Rapids, Iowa

Tormey Louis Ward, San Mateo, California  
James Manus Waters, Philadelphia, Pennsylvania  
Nestor Rupert Weigand, Jr., Wichita, Kansas  
Charles Franklin Wentworth, De Witt, New York  
Michael Frederick West, Avon, New York  
William John White, Dubuque, Iowa  
Robert Philips Williams, Falls Church, Virginia  
Walter Charles Williamson, Deadwood, South Dakota  
Walter Louis Wittenberg, Clayton, Missouri  
James Anthony Wysocki,\* Chicago, Illinois  
George Louis Zummer, South Bend, Indiana  
John Alan Zurewich, Staten Island, New York

## NATIONAL FELLOWSHIPS AWARDED FOR 1960-61

### *United States Government Fellowships for Study Abroad:*

#### (Fulbright Fellowships)

- Paul A. Bödy, for study in Austria (History)  
Michael E. Butler, for study in Germany (Mathematics)  
Sheldon M. Franz, for study in Germany (History)  
Joseph A. Martellaro, for study in Italy (Economics)  
Klaus Muller-Bergh, for study in Brazil (History)  
Michael Skop, for study in Italy (Sculpture)

### *Marshall Fellowship:*

- Bruce E. Babbitt

### *National Science Foundation Predoctoral Fellowships:*

- Sister M. Antonia Handy, S.V.M. (Genetics)  
Claiborne H. Johnson (Mathematics)  
John P. Mantey (Engineering)  
John C. Polking (Mathematics)  
Stephen A. Pursley (Engineering)  
Charles E. Riehm, Jr. (Engineering)  
John J. Uebbing (Engineering)

### *National Science Foundation Postdoctoral Fellowship:*

- Arnold P. Stokes (Mathematics)

### *National Science Foundation Cooperative Graduate Fellowships:*

- John G. Cantwell (Mathematics)  
Ronald J. Knill (Mathematics)  
Allan J. Malwick (Engineering)  
John O. Riedl, Jr. (Mathematics)  
John E. Scheu, Jr. (Engineering)  
Donald R. Weidman (Mathematics)

### *National Science Foundation Summer Fellowships for Graduate Teaching Assistants:*

- John E. Derwent (Mathematics)  
Charles A. Kelsey (Physics)  
Ernest R. Menold (Engineering)

### *Woodrow Wilson Fellowships:*

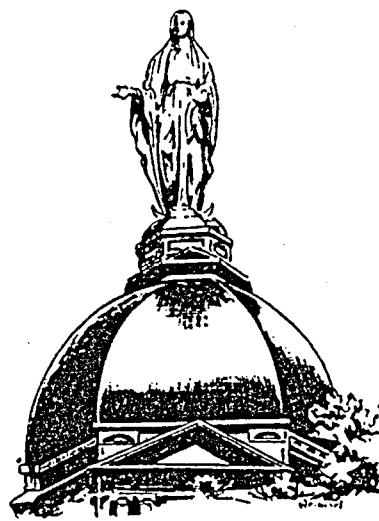
- |                     |                    |
|---------------------|--------------------|
| Bruce E. Babbitt    | James L. Merz      |
| Thomas F. Banchoff  | David J. O'Brien   |
| Lawrence J. Bradley | John R. O'Brien    |
| David C. Christian  | James D. Rose      |
| William J. Donnelly | Thomas J. Scanlon  |
| W. Reynolds Farley  | Edward C. Thompson |
| Michael W. Farrell  | William F. Thrall  |
| Robert L. Hollis    | Franklin J. Tonini |
| Lawrence G. Martin  | James J. Yoch      |

### *Danforth Fellowships:*

- Bruce E. Babbitt  
Thomas F. Banchoff  
James J. Yoch

### *Rhodes Scholarship:*

- William D. Shaul



## THE ACADEMIC COSTUME CODE

The history of academic dress reaches far back into the early days of the oldest universities. Academic dress finds its sources chiefly in ecclesiastical wear, although mediaeval scholars tended to adopt a collegiate costume. A statute of 1321 required that all "Doctors, Licentiates and Bachelors" of the University of Coimbra (Portugal) wear gowns. Beginning with the second half of the 14th century, civilian collegiate costume was specified in various regulations of the universities. European institutions continue to show great diversity in their specifications of academic wear.

In American colleges and universities, the academic costume is prescribed by the American Council of Education, and its present form was adopted in 1932. The first suggestion for a uniform code was made in May, 1895, following an educational conference at Columbia University. In 1902, the Intercollegiate Bureau of Academic Costumes was created. It codified the 1895 rules and its legal firm serves as a clearing house and "repository" for official university and college colors, costumes and insignia.

The present academic dress consists of gowns, hoods 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 degree, 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.

### Subject Field Colors Used on Hoods and Caps

Arts and Letters .....	White	Law .....	Purple
Commerce and Accountancy .....	Drab	Music .....	Pink
Economics .....	Copper	Philosophy .....	Dark Blue
Education .....	Light Blue	Physical Education .....	Sage Green
Engineering .....	Orange	Science .....	Golden Yellow
Fine Arts including Architecture...	Brown	Theology .....	Scarlet
Humanities .....	Crimson		

*Blue and Gold in Hoods Denotes a Notre Dame Degree*