

notre dame report

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the university

investment policy topic at trustees' meeting

The University's Board of Trustees at its May 9 meeting amplified its South African investment policy to underscore willingness to divest completely under two circumstances.

The Board authorized immediate and total divestment if, in its judgment, American companies doing business in South Africa in which it has stock "have no influence for effecting the dismantling of apartheid" or there is "further deterioration in conditions in South Africa."

Last fall, the trustees strengthened a policy of selective divestment in force since 1978 but refused to endorse total divestment by a particular deadline. The University has investments worth about \$31.5 million in some 30 American firms doing business in South Africa. Over the years it has divested from 11 firms which declined to sign the Sullivan Principles, designed to eliminate apartheid in the workplace. Last fall, the trustees adopted additional provisions that require companies to work for the elimination of apartheid in the whole of South African society.

The trustees May 9 also mandated their Executive and Investment Committees "to monitor carefully" the performance of companies in pressuring the South African government to end apartheid. The South African investment policy will be reviewed by the Board at its regular fall meeting November 14.

board names new officers, elects new trustee

Donald R. Keough, president and chief operating officer of the Coca-Cola Company, has been elected chairman of Notre Dame's Board of Trustees. The announcement came at the board's annual spring meeting on campus.

Keough succeeds Dr. Thomas P. Carney of Lake Forest, Ill., who has served as chairman since 1982. The board also created the new position of vice chairman and named Andrew J. McKenna, president and chief executive officer of the Schwarz Paper Company in Morton Grove, Ill., to it. Both Keough and McKenna have two-year terms that can be renewed.

In other board action, William Aramony, president of United Way of America, the national association for 2,200 United Way organizations across the country, was elected a trustee. A native of Worcester, Mass., Aramony earned his undergraduate degree in business administration from Clark University and his master's degree in community organization from the Boston College Graduate School of Social Work. He came to his national position in 1970 after 17 years of local service in United Ways in South Bend, Ind., Columbia, S.C., and Dade County (Miami), Fla.

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faculty notes

honors

Rev. David B. Burrell, C.S.C., professor of philosophy, was the featured speaker at the 129th commencement exercises of Saint John's University, Collegeville, Minn., May 25.

Nancy M. Carter, assistant professor of management, has been elected to the executive committee of the Midwest Academy of Management at their April meeting in St. Louis, Mo.

George B. Craig, Jr., Clark professor of biological sciences, has been appointed adjunct professor of entomology, Florida Medical Entomology Laboratory, University of Florida. He also has been re-elected to the Board of Scientific Advisors, Gorgas Memorial Laboratory in Panama, and has been named president-elect of the American Mosquito Control Association.

John Derwent, associate professor of mathematics, received the Shilts/Leonard Teaching Award May 16 during a College of Science awards luncheon in the South Dining Hall. The award, instituted three years ago in recognition of outstanding teaching, memorializes Rev. James L. Shilts, a longtime astronomy and astrophysics teacher at Notre Dame before his death in 1982.

John J. Gilligan, director of the Institute for International Peace Studies, O'Malley University Professor and Special Assistant to Father Hesburgh for Public Policy, received an honorary Doctor of Humane Letters degree at the DePaul University commencement, Chicago, Ill., June 15.

Donald W. Kline, professor of psychology, has been invited to committee membership for the Study on Improving Safety and Mobility for Older Persons, 1986-88, Transportation Research Board, National Research Council, National Academy of Sciences.

Albert H. LeMay, associate professional specialist and program coordinator in the Kellogg Institute, received the Outstanding Commissioner of the Year award for his volunteer work as Commissioner of the South Bend Housing Authority. The award is

presented yearly by the state chapter of the National Association of Housing and Redevelopment Officials. LeMay also serves on the national association's Commissioners Committee in Washington, D.C.

Ruey-wen Liu, professor of electrical and computer engineering, has been appointed to the editorial board of the "IEEE Proceedings." He also holds the associate editorship for the journals "IEEE Transactions on Circuits and Systems" and "Circuits, Systems and Signal Processing."

A cycle of poems by John Matthias, professor of English, titled "Facts From an Apocryphal Midwest," was awarded the 1986 Midwest Poetry Prize by the Society for the Study of Midwestern Literature, Michigan State University.

Rev. Ernan McMullin, O'Hara professor of philosophy, has been elected to the American Academy of Arts and Sciences, an international honorary society based in Cambridge, Mass.

Thomas J. Mueller, professor of aerospace and mechanical engineering, received a Distinguished Alumnus Award from the department of mechanical and industrial engineering at the University of Illinois, Urbana-Champaign, April 25.

Morris Pollard, Coleman director of Lobund Laboratory and professor emeritus of biological sciences, has been appointed to the Panel of Independent Assessors for the National Health and Medical Research Council of Australia.

G. Margaret Porter, assistant librarian, has been appointed chairperson of the Cost and Financing Committee, Machine-Assisted Reference Section of the American Library Association.

John F. Santos, professor of psychology and director of the Center for Gerontological Education, Research and Services, has been named to the executive committee of the Board of Trustees of the Retirement Research Foundation in Park Ridge, Ill. Dr. Santos has served as member of the board of trustees since 1979.

activities

Ten members of the Notre Dame faculty and staff will manage individual sports in the 1987 International Summer Special Olympics. They are:

Swimming and Diving: Dennis Stark, director of aquatics, manager, and Timothy Welsh, head coach of the men's swimming team, assistant manager. Track and Field: Joe Piane, head coach of track and cross country. Basketball: Matt Kilcullen, assistant coach for men's basketball, assistant manager, men's. Greg Bruce, assistant women's basketball coach, assistant manager, women's. Softball: Mike Bobinski, assistant business manager and ticket manager at the ACC. Table Tennis: Victor Nee, professor of aerospace and mechanical engineering. Tennis: Michele Gelfman, head coach of women's tennis. Volleyball: Art Lambert, head coach of women's volleyball. Weightlifting: Gary Weil, head strength coach.

John Bentley, associate professional specialist and assistant director of the Radiation Laboratory, presented a paper titled "Calculation of $2s^2\ 1S$ Resonance State of H^- by a Real-valued Stabilization Method" at the 19th annual Midwest Theoretical Chemistry Conference, Bloomington, Ind., May 15-17.

William B. Berry, professor of electrical and computer engineering, presented a status report on Cold Weather Transit Technology progress to the House Subcommittee on Transportation and Related Agencies April 22.

Joseph Blenkinsopp, O'Brien professor of theology, is serving as co-director of the excavation at Capernaum, Israel, May 24-June 29.

Paul F. Bradshaw, associate professor of theology, gave a lecture, "Visions of Sunday: Historical and Theological," to a workshop on "Sunday: no ordinary day" sponsored by the Notre Dame Center for Pastoral Liturgy April 14.

Rev. David Burrell, C.S.C., professor of philosophy and theology, addressed the Society for Renaissance and Medieval Philosophy on "Essence and Existence: Avicenna and Greek Philosophy" at the American Philosophical Association Central Division meeting in St. Louis, Mo., May 2.

Alan B. Cain, assistant professor of aerospace and mechanical engineering, presented a paper titled "Linear and Weakly Nonlinear Aspects of Free Shear Layer Instability, Roll-Up, Subharmonic Interaction and Wall Influence," AIAA-86-1047, at the AIAA/ASME Fourth Fluid Mechanics, Plasma Dynamics and Lasers Conference held in Atlanta, Ga., May 12-14.

Ian Carmichael, assistant professional specialist in the Radiation Laboratory, presented a paper titled "Characterization of 'Isolated' Vibrations in AME_3 Radicals and Radical Ions ($A=B^-, C, N^+, Al^-, Si, P^+$)³ by ab initio Molecular Orbital Calculation" at the 19th Annual Midwest Theoretical Chemistry Conference, Bloomington, Ind., May 15-17.

Nancy M. Carter, assistant professor of management, presented "The Influence of DRG Legislation on Physician Organization and Market Structures" at the Midwest Academy of Management meeting in St. Louis, Mo., April 18.

Daniel M. Chipman, associate professional specialist in the Radiation Laboratory, presented a paper titled "Ab initio Calculation of Spin Densities in Free Radicals" at the 19th Midwest Theoretical Chemistry Conference, Bloomington, Ind., May 15-17.

Adela Yarbrow Collins, professor of theology, participated as a member of the Research and Publications Committee in the midyear meeting of standing committees of the Society of Biblical Literature, Denver, Colo., April 18-20.

Roberto DaMatta, faculty fellow in the Kellogg Institute, presented a paper titled "Soccer and the Brazilian National Identity" in the conference "Sports and Society," sponsored by the Center for Humanities Studies, Stanford (Calif.) University, April 17-19. He also gave a lecture for the Center for Latin American Studies, Berkeley, Calif., April 21. He gave a lecture on "The Quest for Citizenship in Brazil" at the University of Wisconsin-Madison, April 28, and lectured on the "Brazilian Ritual System" at the university's Milwaukee campus April 29.

JoAnn DellaNeve, assistant professor of modern and classical languages, presented a paper titled "Petrarchan and Scevian Subtexts in Du Bellay's 'L'Olive'" at the Kentucky Foreign Language Conference, University of Kentucky, Lexington, April 26.

William G. Dwyer, professor of mathematics, gave a talk titled "Smith Theory" at the Conference on Rational Homotopy Theory held at the Catholic University of Louvain, Louvain-la-Neuve, Belgium, May 2-6.

Andre L. Goddu, assistant professor in the Program of Liberal Studies, presented a paper titled "William of Ockham's Account of Vision and Perception" at the 21st International Congress on Medieval Studies, held at Western Michigan University, Kalamazoo, May 8-11.

A paper by Paul R. Grimstad, associate professor of biological sciences, titled "The Relationship of Body Size and Vector Competence: an Historical Perspective," was presented at the annual meeting of the American Mosquito Control Association, New Orleans, La., April 20-24.

Paul G. Johnson, assistant professor of music, gave a presentation titled "A Partitioning Technique in Schoenberg and Babbitt" as part of the Brandeis University Colloquium Series in Music, Waltham, Mass., May 1.

Rev. Charles Kannengiesser, S.J., Huisking professor of theology, presented a doctoral seminar on "The Origenian Heritage at Nicaea" at the Patristic Institute Augustinianum, Rome, Italy, May 5-June 5.

Eileen F. Kearney, assistant professor of theology, organized and presided at a seminar titled "Studies in Medieval Theology" at the International Congress on Medieval Studies at Western Michigan University, Kalamazoo, May 10.

V. Paul Kenney, professor of physics, presented a paper titled "Extracting Elements of Fact from Biased Source Materials for a Course in Nuclear Warfare" at the Nuclear War Education Conference, Washington, D.C., April 12.

Anthony Kerrigan, senior guest scholar in the Kellogg Institute, was an invited speaker under the patronage of the Fondazione di Cultura Internazionale in Italy Nov. 25-Dec. 20. He spoke in Rome and Milan on "La Pace e La Speranza," and at a congress devoted to "L'Immagine dell'Europa del Terzo Millennio." He also participated in daily public reunions and discussions with Jorge Luis Borges. He conducted a seminar with Saul Bellow on "False Visions of Cuba" at the University of Chicago (Olin Foundation) April 22.

Donald Kline, associate professor of psychology, presented an invited address, "Through the Eyes of Age," at the Gerontology Research Center, National Institute of Aging, April 28. He also presented a paper with Frank Schieber and Brian Lyman titled "Adult Age Differences in the Bandwidth of Adaptation for Moving, Low Spatial Frequency Sine-Wave Gratings" at a meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Fla., April 29.

Edward A. Kline, professor and chairman of English and director of the Freshman Writing Program, delivered a paper, "Computer-Assisted Instruction in English Grammar and Spelling: A New Approach with the Microcomputer" at the Fourth Annual Conference on Computers and Writing, held at the University of Pittsburgh, Pa., May 2-4.

Donald P. Kommers, professor of law and professor of government and international studies, delivered a major public lecture on "Liberty and Community in American Constitutional Law: Continuing Tensions" at Indiana University, Bloomington, April 22. This lecture, also presented at DePauw University, Greencastle, Ind., May 1, was the sixth in a series of bicentennial lectures sponsored by the Poynter Center of Indiana University.

Jean LaPorte, professor of theology, presented a paper, "Sacrifice in Origen," at the Conference on Origen held at Notre Dame in April. He also presented "A Consideration of the Notion of High Priest-Mediator in Phil and Origen" at the International Congress on Medieval Studies, Kalamazoo, Mich., May 9, and served as a panelist on "Tracking the Bible in Medieval Literature: A Panel on Basic and New Sources" at the Congress.

Albert H. LeMay, associate professional specialist and program coordinator in the Kellogg Institute, participated in the Valle-Inclan Symposium held at Purdue University, West Lafayette, Ind., April 10-12. He was chairman of the session, "Technique, Language and Aesthetics," and presented an invited paper titled "The Simile in the Plays of Ramon del Valle-Inclan."

Ruey-wen Liu, professor of electrical and computer engineering, organized two special sessions on the topic "Nonlinear Circuits and Systems" at the 1986 IEEE International Symposium on Circuits and Systems held in San Jose, Calif., May 5-7. He also organized a special session on "Recent Advances in VLSI Circuits and Nonlinear Systems" at the 24th IEEE Conference on Decision and Control, Ft. Lauderdale, Fla., Dec. 11-13.

Gilbert Loescher, associate professor of government and international studies, presented a paper titled "Humanitarianism in Crisis in Central America" at the seminar series on "The Crisis of Mass Exodus" held at Queen Elizabeth House, Oxford University, England, March 26. He also gave the keynote address at a Quaker United Nations Office Conference on the Human Rights of Refugees, held at Chateau de Bossey, Switzerland, May 2.

Vicki J. Martin, assistant professor of biological sciences, presented "The Marine Hydrozoa. An Alternative Submammalian Model for Detection of Teratogens" (coauthored by George Clemens) at the Midwest Teratology Association workshop meeting, held at Hazleton Laboratories America, Inc., Madison, Wis., May 15-16. She also presented "Stem Cell Development in Marine Hydrozoan Planulae" at the 26th annual Midwest Regional Developmental Biology Conference, held at Indiana University, Bloomington, May 16-18.

John Matthias, professor of English, gave a poetry reading at the Midwest Poetry Conference, Michigan State University, East Lansing, May 8-10.

Rev. Richard P. McBrien, professor of theology, presented "Vatican II and the Future of the Church" and "Toward a Theology of Ministry" at the St. Boniface Pastoral Education Institute, Manitoba, Canada, April 25.

Mark A. McDaniel, assistant professor of psychology, presented an invited address titled "A Framework Toward Understanding Encoding Difficulty and Memory" at the Midwestern Psychological Association Meetings, Chicago, Ill., May 8-10. He also was coauthor of a paper presented at the meetings titled "The Effect of Encoding Strategy on Long-Term Odor Memory."

Anthony N. Michel, professor of electrical and computer engineering, presented a paper titled "Stability Analysis of Hybrid Composite Dynamical Systems: Improved Results" and a paper titled "Stability Analysis of Interconnected Dynamical Systems: Hybrid Systems Involving Operators and Difference Equations" at the 1986 IEEE International Symposium on Circuits and Systems, held in San Jose, Calif., May 5-7. He also chaired a session titled "Nonlinear Systems" at the conference. In addition, he participated in the meeting of the Administration Committee of the IEEE Circuits and Systems Society which was held at the same conference.

Walter J. Nicgorski, associate professor in the Program of Liberal Studies, presented a paper on "The Practical Perspective and Philosophical Coherence in Cicero" at the Center for Hellenic,

Roman and Byzantine Studies, University of Birmingham, England, May 8.

Rev. Edward O'Connor, C.S.C., associate professor of theology, gave a lecture, "The Story of Medjugorje" at a meeting of the Sierra Club at St. Hedwig's Hall, South Bend, May 4. He also gave a lecture titled "Historical Perspective on the Modern Marian Apparitions" for the World Apostolate of Fatima, Fort Wayne, Ind., June 8.

Leonard Orr, assistant professor of English, chaired a session on "Politics and the Late Yeats" at the annual meeting of the American Committee for Irish Studies, Boston College, May 7-11.

Mark C. Pilkinton, chairman and associate professor of communication and theatre, chaired Session 2, "Drama and Ritual," at the 21st International Congress on Medieval Studies, Western Michigan University, Kalamazoo, May 8-11.

Dean A. Porter, director of the Snite Museum and associate professor of art, art history and design, gave a lecture, "Victor Higgins: American Artist," at the Museum of Western Art, Denver, Colo., April 2.

Michael J. Radzicki, assistant professor of management, gave an invited lecture titled "On Using System Dynamics to Integrate Peace Studies at a University" at an EDUCOM Conference on "Integrating Computing into the Higher Education Curriculum" held at Northwestern University, Evanston, Ill., May 13.

Karamjit S. Rai, professor of biological sciences, has been invited to serve as consultant to the Vector Biology and Control Project of the United States Agency for International Development.

Norlin G. Rueschhoff, professor of accountancy, gave a presentation on "Sharing International Accounting Research through Associations and Education" at the Research Forum on International Accounting held at Costa Mesa, Calif., April 24, in conjunction with the western regional meeting of the American Accounting Association. He also presented a paper titled "Professional Qualification Requirements in International Accounting and Auditing" at the 1986 Ohio regional meeting of the American Accounting Association, Akron, Ohio, May 2. He served on a panel discussing "Recent Trends in International Accounting and Auditing Research" at that meeting.

Victor A. Schaefer, professor emeritus, gave an invited talk, "Writing A Family History" at the Second Great Lakes Seminar, American Historical Society of Germans from Russia, held at Frankenmuth, Mich., May 3.

Thomas J. Schlereth, professor of American Studies, gave the Academic Honors Convocation address, "Scholarship as Craftsmanship," at Saginaw Valley State College, Saginaw, Mich., April 17.

Mark Searle, associate professor of theology, gave an address on the Notre Dame Study of Catholic Parish Life to the Liturgical Institute at

Valparaiso (Ind.) University April 10. He gave three lectures on "Liturgy and Justice" at the Marywood Liturgical Center, Grand Rapids, Mich., April 19, and lectured on "Contemporary Shifts in Sacramental Theology" for a meeting of the Institute for Clergy Education held at Holy Cross Junior College April 23.

Daniel Sheerin, associate professor of modern and classical languages, presented a paper titled "Signum uictoriae in inferno: An Allusion to the Harrowing of Hell in Late Medieval Dedication Rituals" at the 21st International Congress on Medieval Studies, Western Michigan University, Kalamazoo, May 8. He also presented and commented upon the bibliography "Tracking the Bible in Medieval Liturgy" in a panel presentation titled "Tracking the Bible in Medieval Literature: A Panel on Basic and New Sources" May 10 at the Congress. Dr. Sheerin presented a paper, "Prophecy Imitates Art: Artistic Analogies for Types and Their Fulfillments" at a general meeting of the North American Patristics Society, Chicago, Ill., May 15, and presented a report in the panel discussion on "The Fathers in English Translation" at the meeting.

J. Eric Smithburn, professor of law, presented lectures on judicial discretion, judicial practices and procedures, jury trial management and evidence to 100 general jurisdiction trial court judges from throughout the United States and abroad at the National Judicial College, University of Nevada at Reno, May 12-17.

John W. Stamper, assistant professor of architecture, delivered a paper titled "The Real and the Ideal in the High-Rise Architecture of Mies van der Rohe" at the annual meeting of the Midwest Art History Society at Northwestern University, Evanston, Ill., March 20-22.

Nancy K. Stanton, professor of mathematics, gave a lecture on "The Heat Equation for the $\bar{\partial}$ -Neumann Problem" in the Geometry Seminar at the University of Pennsylvania April 3. She participated in the conference on Geometric Theory of Several Complex Variables at the University of Maryland April 7-11, and gave a lecture on "The Heat Equation for the $\bar{\partial}$ -Neumann Problem" at the conference.

Eugene Ulrich, associate professor of theology, has been awarded a research grant for 1986-87 by the Association of Theological Schools in the United States and Canada.

Kathleen Maas Weigert, associate director of the Center for Social Concerns and concurrent assistant professor of American Studies, led a workshop on "Nuclear Weapons: Sociological Perspectives" at the annual meetings of the North Central Sociological Association, Toledo, Ohio, April 17.

Paul P. Weinstein, professor of biological sciences, presented a seminar titled "Cobalamin-Parasitic helminth relationships" for the Department of Pathobiology at the University of Pennsylvania, Philadelphia, May 6.

Joseph M. White, assistant faculty fellow in the Cushwa Center for the Study of American Catholicism, presented a paper, "Archbishop John T. McNicholas and the Pontifical Commission of the Catholic University of America, 1934-1950," at the spring meeting of the American Catholic Historical Association, John Carroll University, University Heights, Ohio, April 18.

Rev. Oliver F. Williams, C.S.C., associate professor of management, gave the following presentations: "U.S. Universities and the South African Dilemma," for the United Council for International Business, Harvard Club, New York City, May 7; "South Africa: The Moral Issues," Hesburgh Alumni Lecture, Nashville, Tenn., May 8; and "U.S. Multinationals and Investments in South Africa," City University of New York, New York City, May 12. He also chaired a session on the Ethics of Plant Closings at the National Consultation on Corporate Ethics, Chicago, Ill., May 15.

James L. Wittenbach, professor of accountancy, was moderator for "Issues in Taxation" at the American Accounting Association Midwest Regional meeting in Chicago March 21.

documen- tation

1986 spring commencement honorary degrees



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Engineering, honoris causa,
on

a giant of modern chemical engineering who pioneered in applying advanced mathematics to the solution of problems in his discipline. An educator par excellence, he has been mentor and guide to over fifty doctoral students who now occupy positions of leadership in industry and academe. Chairman of Chemical Engineering at the University of Minnesota for 26 years, he brought his department to eminence and was called simply "The Chief." Today, his name marks the building which houses that department. Author of four books and numerous technical articles, he is a member of the National Academy of Engineering, winning virtually every award in his field. He currently directs a National Research Council committee charged with studying the intellectual frontiers in chemical engineering and their relationship to societal and national needs. He is a natural leader and a man of uncommon compassion and warmth. On

Neal Russell Amundson
Houston, Texas



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,
on

one of the most distinguished philosophers in the English-speaking tradition whose academic career bridges the two historic British universities, Oxford and Cambridge. After taking a First in Greats at St. Hugh's College at Oxford, she moved to Cambridge to study with the renowned Ludwig Wittgenstein. Five years later she returned to Oxford as a fellow at Somerville College. In 1970, Cambridge called her back to hold the Chair of Philosophy. Formed in the great traditions of Aristotle and Wittgenstein, she has done profound work on speculative issues such as causation and intention, and on practical problems such as the morality of nuclear weapons and of sexual behavior. A teenage convert to Catholicism, she has always produced philosophy informed by intense religious conviction, embodying in her life the principles of her Faith. On

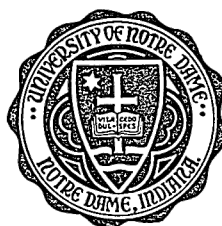
Gertrude Elizabeth Margaret Anscombe
Cambridge, England



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,
on

a physicist who distinguished himself first as a laboratory researcher and later as a scientific administrator and policy maker. Early in his career at the National Bureau of Standards he made major contributions to the study of atomic and molecular negative ions. Eventually he served as chief of the Bureau's atomic physics division and finally as its director. No stranger to academe, this graduate of Duke and Harvard taught physics at the University of Colorado and chaired the Joint Institute for Laboratory Astrophysics. President of Sigma Xi in this its centenary year, he has consistently influenced the profession in a variety of important positions. A lively and original thinker on technology and society, he stands before us today as the chief scientist of the IBM Corporation. On

Lewis McAdory Branscomb
Armonk, New York



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Science, honoris causa
on

an English-born astrophysicist of the highest stature. Her pioneering observational work on the composition of stellar matter has helped us understand the material structure of our early universe. Interpretation of this data has led to important implications regarding the synthesis of elements in the stars and to their origin and evolution. This former director of the Royal Observatory at Greenwich has served the scientific community as President of the American Astronomical Society. A member of the National Academy of Sciences, she has received the National Medal of Science, and currently directs the University of California's Center for Astrophysics and Space Sciences. We acclaim a stellar scientist, an astronomer who has opened our eyes to the complexity of the heavens. On

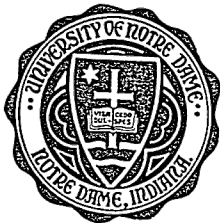
Eleanor Margaret Peachy Burbidge
La Jolla, California



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,
on

a gentleman whose life gives distinction to that word. Acuity and vision inform his achievement. Gentility and dignity mark his style. A man who stands tall in both physical frame and moral integrity, this South Carolinian journeyed north to earn his undergraduate degree at Notre Dame. The strong ties he forged here culminated in his ordination as a Holy Cross Priest in Sacred Heart Church in 1949. After a year at Oxford, he entered into a lifetime partnership with this University's president and built a strong financial base to support the institution's goals of excellence. As overseer of athletic endeavors at Notre Dame, he has become known from coast to coast as a public symbol of the national effort to maintain a proper relationship between athletics and a sound education. Today, with special love and affection, we salute a dedicated priest, a financial genius, and a loyal son of Notre Dame. On

Edmund Patrick Joyce
Congregation of Holy Cross
Notre Dame, Indiana



At the 141st Commencement
The May Exercises
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Doctor of Laws, honoris causa,
on

a philanthropist of the Church and her institutions, especially in Maryland. In that onetime distinctively Catholic colony, his generosity undergirds the whole range of Catholic education. He has been a valued counselor of the Archbishops of Baltimore for many of the fifty years since he laid down the bricklayer's trowel and level to become a contractor. Today, at nearly fourscore years, he chairs the Arundel Corporation with interests in several construction, real estate and development firms. A familiar figure in the boardrooms of his city's colleges, hospitals and museums, he has been repeatedly honored by his Church and its institutions. But he and his wife, Marion, derive the greatest satisfaction in presiding over their family of eight daughters, four sons and fifty grandchildren. Today, this University offers its accolade to a patriarch, an entrepreneur, and a builder who long ago learned that "unless the Lord builds the house, those who build it labor in vain." On

Henry Joseph Knott, Sr.
Baltimore, Maryland



At the 141st Commencement
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on

a man who, like his patron saint, has never been afraid to speak the truth in the face of power. Despite the abrupt curtailment of his priestly studies by government action in 1950, he was secretly ordained priest and later bishop. His loyal ministry never flagged though hidden by the garb of factory worker, night watchman, and even prisoner of the state. His prophetic and dangerous witness for the Catholic faithful in his native Czechoslovakia images God's great love for all His suffering people. His determined refusal to capitulate to his persecutors is highlighted by his gentle and persistent forgiveness of their actions. His very absence from this ceremony proclaims his dedication to his people and his Church. In the name of every member of the Mystical Body of Christ, we honor in his 35th year of devoted priesthood a man who is a symbol of spiritual resistance. On

Bishop Jan Chrysostom Korec, Society of Jesus
Bratislava, Czechoslovakia

(Editor's Note: Father Hesburgh read this letter from Bishop Korec at the time the honorary degree was conferred in absentia.)

Magnificency, Mr. President,

Really, I was very surprised when, on April 22, 1986, I had your letter in my hands -- a fact not common in my circumstances. I read, even with greater astonishment, the kind lines expressing a most cordial invitation to come to the University of Notre Dame, Indiana, U.S.A., on Sunday, May 18, 1986, and to receive the honorary degree of Doctor of Laws. Attentively and with a certain emotion I further read words about motives and reasons for your decision: namely that by honoring me as "a real example of Christian courage on questions of human rights" you are also honoring the whole Church and all that we stand for, and that your students and faculty as well as Christians throughout the world will be inspired by my presence as well as by your action.

I cordially thank you for your decision, your invitation and for the statement of your motives. These motives express the superpersonal and universal things, that were always of utmost importance to me, things that unite us distant thousands of miles over the mountains and the Ocean -- from Indiana to the very heart of Europe with my native Slovakia and with millions of people throughout all continents. We all are united by the permanent determination to be devoted to God though the Christ's Church firmly backing the human being. Rarely in history was it so important for peoples and the world as it is nowadays in the middle of chaos in thinking and in life when confusion and wilfulness of colossal dimensions lead those who keep the power to the situation that they do not admit any authority over themselves and over the people, they deny the conscience and hundreds-year-long spiritual and moral values, they use their physical force totally out of any control, they dictate their so-called truth to whole nations thus denying the sacred rights of man embodied also in many international documents. This inhuman practice has already caused the defeat of order, makes normal human life impossible and leads to catastrophes.

In this situation, every responsible human being should feel it a duty, in his place and position, to stand up against the flood of wilfulness which destroys people, civilisation, culture and which already threatens to destroy the entire planet. It is necessary to defend the human being clearly against injustice and loss of freedom, and not to surrender to a seeming superiority of the evil. There are people who already have done so. Some develop fairly theoretical activity at universities and other institutions by lectures and by the research into human problems, some others as writers, honorable legislators, politicians and diplomats, by their activity in the spirit of firm ethical principles. A great many others, however, have a little modest task, not easier or insignificant, to defend a man, his rights and freedom by lives of their own when they resist any form of untruth and wilfulness which has as its aim to humiliate and break the individual. All this cannot perhaps speak much or aloud. But they can exert an influence spreading in every direction. A great many Christians of all ages have such a silent and almost unnoticeable influence. They helped, in this way, to keep up the peoples and the world. So, by such influence, they gradually transformed the Roman empire and barbarian peoples. And through these, apparently humble men like St. Benedict in his beginnings, St. Franciscus of Assisi, St. Ignatius of Loyola and many others, humble and almost unknown boys and girls, men and women, who helped to transform Europe, the Americas and the world according to the principles of the Gospel for the welfare of men.

Nowadays, many are granted the right to defend a man in public in the generally acknowledged positions of theirs. Others do not have such possibility. I was also given a much more modest task -- to defend man, his dignity, his rights and his freedom by my life, during which I had different occupations, out of which more than 20 years as a worker. Although it was not an easy fate, yet it was a good one. And I have taken it as a mission of my own until now. For many years, I have justified this mission ever more thoroughly, also theoretically in my thinking and by the faith in my heart...

Now, Mr. President, I sincerely thank you and the University of Notre Dame for your decision to stress this way of defence of man, of his dignity and of the inviolation of his rights. I am very pleased to know that, according to your words, the dominant element in your decision in this case was not only the personal one but the wish to express the recognition and thanks to all those who defend man anywhere on the Earth beginning from a university professor, a public worker to Mother Teresa and to the modest missionary in Indonesia or in Zambia. In this way, your decision has got a nice human dimension and some sacred depth. Especially, I would like to express a wish that all students of the University of Notre Dame and others would be inspired by the decision, out of a firm attitude of faith, to give all their power to the service of man in his spiritual and material needs so that they become a real hope for the world.

Finally, I have to say a word about the invitation to come to the ceremony on May 18, 1986, personally. I am sorry I cannot, in my present circumstances, fulfill this wish of yours. I would like not to cause you much disappointment -- also this belongs to my life. Dr. Felix Litva from the Pontifical Gregorian University in Rome will represent me at the ceremony. I, myself, will be spiritually united with you, especially closely, in these days. I would like, already now, to greet very cordially and, particularly, to congratulate all distinguished personalities who will receive the honorary degree and medal on that day along with Bishop James W. Malone, President of the National Conference of Catholic Bishops.

Your Magnificency, Mr. President, once more I express my gratitude for the unexpected attention. I sincerely greet you.

Cordially yours,

Jan Ch. Korec
Bratislava, April 28, 1986



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,
on

a pastor and priest, bishop of the Diocese of Youngstown, Ohio. As President of the National Conference of Catholic Bishops since 1983, he plays a key role in the way the American Church confronts issues ranging from abortion to nuclear war, from women's role in the Church to the economy and Christian social teaching. He has also been a strong champion of the academic freedom and autonomy of Catholic colleges and universities. His parents were Irish immigrants; his father, a steelworker in northern Ohio. As a seminarian he worked summers in the steel mills, and as bishop he struggled at the side of the unemployed of his diocese when the mills were closed. He is a prelate whose personal experience of suffering and near death has only served to deepen his gifts of faith and hope, challenge and charm. On

Bishop James William Malone
Youngstown, Ohio



At the 141st Commencement
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on

a physician and researcher who, as an undergraduate at this University, was touched by the holiness and fragility of the human family, a family threatened by a world in which men had released the awesome power of the atom. Later, as a cardiologist at Harvard Medical School, he and other prominent members of the healing profession in America and the Soviet Union embarked on an unprecedented venture in preventive medicine -- the avoidance of nuclear holocaust. Within five years, this band of doctors had grown into the International Physicians for the Prevention of Nuclear War, with 135,000 members in 41 countries. Gathered in Oslo with other founders of the organization for the 1985 Nobel Peace Prize ceremony, he witnessed an event which he sees as a metaphor for his life's goal. A collapsed Moscow reporter was resuscitated, on global television, by the swift work of American and Russian doctors on the scene. This act of international cooperation actualized the vision of our honoree, a man who continues to work toward a world in which national leaders are wise enough to love, brave enough to risk, and imaginative enough to dream about peace. On

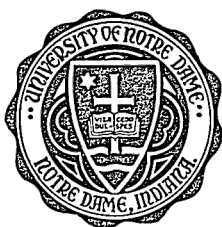
James Edward Muller
Boston, Massachusetts



At the 141st Commencement
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The University of Notre Dame
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Doctor of Laws, honoris causa,
on

the man widely credited with revolutionizing the New York Stock Exchange and bringing the Big Board into the electronic age. A masterful engineer of change, he has been the driving force behind the development of one of the most extensive privately owned computer complexes in the world, handling trading volumes of more 150 million shares a day. Known for his peerless integrity as well as his dry wit, this Wall Street figure is a mediator who finds easy solutions to difficult problems. As Chairman and Chief Executive Officer of the Exchange since 1984, he has restored this venerable institution to a position of international prominence as the center of a burgeoning global market. On

John Joseph Phelan, Jr.
New York, New York



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Science, honoris causa
on

a Nobel Laureate, chemist and educator, a man who delights in his research. Through the media of radio and television, he has fired the imagination of the European public to the excitement of science. At an early age he was enthralled by the beauty of crystals and their structure, a wonder which started his career. At Cambridge, his fascination with natural science and technology enabled him to wed chemistry and electronics in the celebrated technique of flash photolysis. This brilliant innovation and its imaginative applications in physics and chemistry earned him the Nobel Prize in 1967. Recipient of many honors, he was Director of the Royal Institution, became a knight bachelor in 1972, and is now President of the Royal Society. On

Sir George Porter
London, England



At the 141st Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa
on

a jurist and legal scholar who has devoted her life to improving our system of justice. Working in the public interest field, she has consistently gone beyond the requirements of her heavy workload in the courts by writing articles on topics ranging from the rights of children to the problems of mentally retarded offenders. Appointed by the President as a Judge of the United States Court of Appeals for the District of Columbia Circuit, she has been a prolific drafter of court opinions. Her recent scholarly analyses address the question of the overcrowded court system and the professional quality of judges and attorneys. Calling upon her colleagues to hold to their principles, she urges them to use their life experience as the surest guide in the face of today's moral, political, economic, and social issues. She is a judge who not only supports the reform of the legal profession but also serves as a powerful role model of the ideals she proclaims. On

Patricia McGowan Wald
Washington, District of Columbia

commencement address

(Delivered by Bishop James W. Malone, President of the National Conference of Catholic Bishops, May 18, 1986.)

Let me begin where every Commencement speaker should, by congratulating the Class of 1986 -- and also your parents, relatives, spouses and friends, who have made this day possible. I am privileged to be among your number, for I respect what this University is committed to and I regard your President as one of the great figures in the Church in the United States, a man of the Church in every dimension of his personal and professional life.

Over many years, at Father Hesburgh's invitation, I have come to know Notre Dame. I have found its interests and my ministry as a bishop in frequent convergence. Notre Dame has sought to make its resources as a university community available to the Church. That effort has forged a productive relationship with the bishops and others.

I wish, therefore, to speak today about Catholic higher education from this perspective of shared concern for the life of the Church. The question of Catholic higher education is hardly a new topic, but recently it has taken on a new edge. The Vatican's Congregation on Education has circulated a draft statement on the role of the Catholic college and university. Early responses from many presidents of Catholic colleges and universities in the United States and elsewhere have been sharply critical. This points to the need for further dialogue.

Let us bear in mind, however, that the Roman Congregation's draft is a draft and that its circulation for comment is itself an expression of the congregation's good will and seriousness of intent. I think, too, that the questions involved here are such as to invite participation in this dialogue by others, besides those immediately involved.

I have neither Curial responsibility for Catholic education in the Universal Church nor executive responsibility for a Catholic college or university. But as a diocesan bishop and as president of the Bishops' conference in the United States, I have a deep interest in and concern for the future of Catholic higher education.

As a bishop, I share in the collegial responsibility of the Holy See for safeguarding and sharing the content of Catholic faith. As a bishop in this country, I share (with Catholic educators) a sense of the specific challenges and opportunities of witnessing to Catholic teaching in a pluralistic democracy, which values open, free discussion. Therefore, I want to comment briefly -- and I stress briefly for the benefit of my classmates -- (1) on the witness of a university in the Church, (2) on the character of Catholic university, and (3) on the conditions necessary for a university to function effectively in our American culture.

As regards the university's witness in the Church -- a Catholic university shares in the wider ministry of the Church, but it does so precisely as an institution of higher learning. Let me name two ways in which I, as a bishop, experience the direct impact of the university on the community of the Church.

First, Catholic colleges and universities have a role in forming the Catholic congregations, which gather in the parishes of this country every Sunday. The journey of faith is a lifelong process, and many influences shape the quality, depth and content of Christian commitment. But except for the family, where we all begin the journey of faith, few if any institutions or individuals have as potentially powerful an opportunity to provide direction for faith and life as the university does.

Thirty years ago, the scholarly church historian John Tracy Ellis provocatively asked whether Catholic institutions of higher learning would realize their call to excellence. Looking then at the status of Catholic participation and performance in the intellectual life of the nation, Ellis criticized both the quality of work and the impact of Catholic school graduates in the public life of the society.

I do not want to say that Monsignor Ellis' challenge to change and grow has yet been fully met; but I think most observers agree that Catholic education, and Catholic participation in American society, are today very different from what they were three decades ago. The Study on Parish Life being conducted here at Notre Dame highlights the changed role of Catholics in the United States. For better or worse, the Catholic community no longer lives at the edge of the society. We are at the center, with all the possibilities and perils that implies in a society like ours.

How that responsibility will be fulfilled is mightily shaped by Catholic higher education. Eight years after Monsignor Ellis questioned the quality of our intellectual performance, Pope John XXIII spoke of the content of the intellectual challenge facing Catholics about to enter the world of work and learning, of the sciences and the professions, and of public service and private business. Speaking of the kind of Christian needed for these tasks, Pope John XXIII said:

"We desire to call attention to the fact that scientific competence, technical capacity and professional experience, although necessary, are not of themselves sufficient to elevate the relationships of society to an order that is genuinely human.... It is (also) necessary that human beings...should so live and act in their temporal lives as to create a synthesis between scientific, technical and professional elements on the one hand, and spiritual values on the other."

This challenge to blend the best of technical knowledge with moral vision and spiritual wisdom, was directed to all Christians, but the university must hear these words with special sensitivity. How well the Church in the United States meets this challenge is decided in great part in settings like Notre Dame. And it is important, on an occasion like this, to point out that the first way the university contributes to the witness of the Church is in and through the lives of its alumni and alumnae.

As a bishop leading a local church, I see Catholic higher education as one place, perhaps the most important, where our ability to occupy (as we should) the new position which Catholics hold in American society will be shaped and decided. But it is also a place where Catholics will define the standards which they expect from the institution of the Church. The quality of the liturgy we celebrated yesterday will be very difficult to replicate in the local church; but we will have to approximate it, because people will know such quality is possible. In liturgy, and in learning and in sharing of responsibility, the local church will be forced to meet standards of performance which Catholic colleges and universities have taught the first generation of Catholics to come of age since Vatican II to expect. And, needless to say, it is graduates of these institutions (like yourselves) who, in the years to come, must, through their active participation and leadership, help provide the vision and dynamism needed to meet such expectations.

A second contribution of the university to the wider Church is through the university's participation in the public life of the Catholic community. This indispensable role has been exemplified lately in the processes by which we bishops have developed our pastoral letters on the nuclear question and the economy.

It is a primary objective of these teaching documents to orient the public policy debate toward explicit consideration of the moral factor. But moral judgments on policy questions require a thorough grasp of technical issues. Here again, John XXIII's challenge to blend the technical with the moral is raised; but this time at the level of theoretical analysis.

The bishops' goal has not been to settle all moral questions pertaining to deterrence and the economy, but to move the public debate forward, and invite others into it. Catholic colleges and universities have been primary places for joining the technical and moral debate.

These pastoral letters have become part of our national dialogue over how to preserve the peace and direct this economy. If we are to remain parties to the public debate, as I believe we should, the colleges and universities will have to lead the way. Bishops can be catalysts, but the daily fostering of the technical-moral dialogue belongs to others in the Church. All of us, bishops and the community as a whole, look to the Catholic university in this endeavor.

I turn now to the Catholic character of the Catholic university. There is abroad today a renewed discussion of this question. It is not a new topic for Notre Dame, where treatment of this matter has been explicit and extensive.

When John Tracy Ellis examined the quality of Catholic intellectual life thirty years ago, it was a simpler task to describe the character of a Catholic university. The fundamental elements of Catholic faith have not changed since then, but the developments in Catholic thought and life since the Second Vatican Council have made the consideration of Catholic character and identity more complex and challenging.

The question of Catholic identity inevitably arises. In the Catholic tradition, faith and reason are complementary and never contradictory; faith goes beyond reason, not against

it. Catholic faith has definite substantive content; faith involves a way of seeing the world, of interpreting history, of measuring the moral content of personal and communal life.

The vision and content of Catholic faith are living realities; they grow and develop through the examination of new questions put to them by the world, by the events of history, and by the challenges and questions posed by believers and nonbelievers alike.

In this dialogue of faith and life, this dialogue of the Word of God and the events of history, the question of Catholic identity is raised and answered again and again. This happens for the whole church, as it did at Vatican II; it happens in the journey of faith which every believer makes; and it happens in Catholic institutions like our colleges and universities.

There are at least three levels on which the Catholic identity question engages the university.

The first concerns the character of the university's institutional commitment. Institutions declare their identity by their characters, by their explicit policy commitments, and by the witness of their daily round of activities. Here at Notre Dame for example, everything, from the name of this university to the centrality of its commitment to the quality of worship to the public image it projects, bespeaks its view of its Catholicity.

A second level for examining the Catholic character of a university is the specific role of theology in its academic life. In light of Vatican II, theology is pursued with a strong ecumenical and interreligious component, but there is also a central core of the theological enterprise which involves witness to and development of the Catholic tradition. Again, I acknowledge -- indeed I stress -- that theology must meet the academic standards of the university community, while also meeting the faith standards of the larger Catholic community. The theological enterprise must be pursued with the same openness, the same expectation of excellence, and the same rigorous tests of reasoning and scholarly procedure, as the other disciplines cultivated here.

Precisely by satisfying these complex criteria does the theological enterprise become a fundamental means by which the Catholic character of the university is manifested. The work of theology in a university receives from the wider church, and also contributes to it. Theology in the university can help maintain the continuity of the tradition, and also help shape its development.

A third measure of the Catholic character of the university is its social witness. Specifically, how does the university reflect Catholic social teaching, and how does the university contribute to the church's social witness? These are questions for the university as an institution, of course, but they are also questions for the members of the university community -- students, faculty, administrators, alumni -- individually and collectively. Without going into specifics, I think it is clear that the range of issues by which the Church and the university are tested today is immense -- from peace to poverty, from civil rights to human rights.

Finally, I wish to consider the conditions for a Catholic university's witness. We are all aware of certain tensions in this area, centering on the character of the university as an academic institution on the one hand, and the character of the teaching authority or Magisterium of the Church as guarantor of the authenticity of faith, on the other. But these tensions do not constitute an insuperable dilemma, and I propose a vision for overcoming them.

To do this, however, will require sensitivity on the part of bishops, university authorities, and theologians. We live in a time of theological development; a time which has generated some confusion and conflict; a time, too, when questions facing the Church internally and externally require courageous and creative thought. We cannot close in on ourselves intellectually or socially.

The Church, then, has a special stake in the totality of knowledge because it is important that the cosmos in which Christ became incarnate, and over which He is head, be understood as thoroughly as possible. We therefore owe it to the fullness of God's truth that the vision of reality, which springs from revealed truth, infuse and integrate science, philosophy, art, and politics. This is not to say that religious truth dictates to these disciplines, which have their own autonomy and which indeed have much to say to religion; it is only to say that, in reference to the reality with which it is concerned, revealed truth provides a norm and context for even the most "secular" of disciplines.

Within the Catholic university, scholars and students have special opportunities to pursue a global understanding of the human condition, of history, of social struggles, and of the search for God and His kingdom, that transcends national and continental barriers. As members of a Universal Church, we share in the only international organization that can function on such a scale for the good of our society today.

In this general context, theology in particular enriches the Church, and enriches the effort to achieve this global understanding of the human condition. Several things are necessary for theology to realize its full potential in this regard.

Theology needs continually to take into account in its research the nature of the Church's faith. True, theology can neither elicit faith nor define its content: the act of faith is an individual act, enlivened by God's grace; and the content of faith is likewise a gift of God, embodied in the tradition received and transmitted by each generation of believers. But it is no less true that, within these limitations, theology fosters faith and enlightens belief.

Theology will also enrich the Church if it takes into account the teaching office of the bishops and the Pope, not slavishly but with honorable fidelity. Theologians must indeed have freedom for their research and inquiry, but in accord with the nature of what they study, and in accord with the criteria for authenticating the fruits of their work. An effort to live at the heart of the Church, of its concerns, and of its supernatural life, will characterize the theologians' freedom of inquiry.

Ultimately, theology is a selfless service to the community of believers. The work of theologians receives its definitive meaning when it is integrated with the maturation of the Church's faith. It is with this in view that bishops look to theologians and their work for the contributions theologians can make to the faith of the people of God.

In our time, the Catholic university is the preeminent institutional setting for the theological enterprise. Bishops have a role to play in relation to these university institutions on behalf of the Catholic community and its faith tradition, but it is basically the institutions themselves, and the faculties which comprise them, which can maintain a proper alignment in this enterprise. Thus Catholic educators themselves must engage in a high-level examination of their collective purpose, and develop an overall strategy.

Certainly we cannot realize the potential of the present moment without excellent colleges and universities. It is simply that, for the Catholic college and university, the concept of excellence itself is richer than for most centers of learning.

I conclude therefore as I began, by congratulating the graduates of Notre Dame. You -- may I now say we? -- are fortunate to have had this privileged exposure to an academic community striving to realize such excellence. Let us be grateful to the University we now claim as Alma Mater.

valedictory

(Delivered by valedictorian Daniel P. Thompson, B.A. in Theology/Philosophy, at the 141st Commencement Exercises at the University of Notre Dame, May 18, 1986.)

My friends and classmates in the graduating class of 1986, I would like to share with you some reflections on my experience at Notre Dame and my thoughts on the future as we leave here. On graduation day, we often speak in vague generalities about living out Notre Dame's values in our lives or about how we are the leaders of the future. In the same way, my reflections center on the notoriously undefinable qualities of wisdom and charity. My definitions can come only from experience and my experience, in turn, can be told only through a story.

Last October, I spoke with a friend of mine named Rob about his life in the so-called "real world." Rob had graduated from Notre Dame in 1985, accepted a job with Lord and Taylor in New York City and had spent the last two months watching "yuppies" jockey for handholds at the bottom of the corporate ladder. After he had told us about his colleagues on the job, he said, "You would not believe how much better Notre Dame people are than other people." Rob meant that the Notre Dame graduates he had encountered had been less ruthlessly materialistic than many of his co-workers. But I came to see that

his statement taken another way could just as easily indicate a Notre Dame elitism which looks down on those not fortunate enough to have a Notre Dame education. Saying that Notre Dame people are so much better than others could easily signify that we have become wrapped up in a cultural cocoon which smothers our comprehending or valuing anything beyond the narrow, homogeneous world to which we've become accustomed.

I was reminded of Flannery O'Connor's short story Revelation, set in the segregated American South of the 1950's, in which a bigoted white woman has a vision of a huge procession of souls marching up to heaven. To her amazement, the procession is led by those whom she, as an upstanding pillar of church and society, hates the most -- blacks, poor whites, the insane and the other outcasts from society. Last in the procession walk her kind, as O'Connor describes them, "had always had a little of everything and the God-given wit to use it right. They were marching behind the others with great dignity," O'Connor continues, "accountable as they had always been for good order and common sense and respectable behavior. They alone were on key. Yet she could see by their shocked and altered faces that even their virtues were being burned away." Through this searing vision, the woman saw her arrogance, pettiness and racism clearly for the first time. Through my friend's observation, I saw the trap of elitism which awaits us if we stay enmeshed in our Notre Dame viewpoint. This new seeing, this glimpse of ourselves beyond our ingrained way of thought, is wisdom. Wisdom may mean for us, as it did for the woman in O'Connor's story, the shocking revelation that some of the values which we have learned while at Notre Dame need to be burned away. We may realize that our very lifestyles unknowingly contribute to the destruction of persons all around the world. We may see that every society, nation and church falls short of the perfection of God's Kingdom. Our education here should have given us the chance to grasp the skills which lead to wisdom: an ability and willingness to question ourselves searchingly and to re-examine constantly our relationships with the world. If we do not bring these skills away from Notre Dame with us, then we may become blinded by complacency. Then our degrees will mean no more than a factory seal of approval stuck on a car at the end of an assembly line. We will not be people who can think and see; we will be simple machines which endlessly repeat the programming our educational system has stamped on us.

Wisdom is inseparably linked with charity, but in order to talk about charity, first I need to show what it is not. I can illustrate this best with another short story.

On a busy street downtown in a large city an old woman, wrapped in a ragged shawl, used to sit with her back to a building with only a ripped-up sheet of cardboard between her and the cold sidewalk. When I lived in that large city several years ago on a foreign study program, I would often pass by this woman as she sat and muttered at the traffic. My heart sank and my guilt grew every time I hurried by her and did nothing until one day I finally stopped, turned around and walked back to her. She was looking the other way down the street as I pulled some change from my pocket and set it on the sidewalk next to her. I turned away from her without meeting her eyes and walked off, feeling nervously righteous because I thought I had helped her. She threw the money at my retreating back. As the coins rang off the pavement around me, a new guilt and shame overcame me. I had given to her only from my condescension to her apparent haplessness. My prejudiced eyes, lacking any wisdom, failed to see that she had retained her dignity and that she needed no petty change from a passer-by. Charity is not contributions to the poor; it is not pennies handed down paternalistically to the wretched while we go unchanged. Instead, as I have seen at Notre Dame, charity lives in those students who spend hours of their time at Logan Center with retarded children, in those who tutor grade school students in the South Bend area, in those who fight against world hunger, the global proliferation of nuclear weapons, the oppression of migrant farmworkers, the destruction of unborn life and other social injustices. Charity is 400 students chanting "Divest Now" on the steps of the Administration Building and calling Notre Dame to moral action. Charity speaks in the voices of the minorities at Notre Dame as they struggle to be heard: the black student, the Hispanic, the foreign, the gay, the female, the non-Catholic. Charity is the open heart and mind of a friend who takes on my problems as if they were his or her own and shares my joy in the same way. Simply put, charity is wisdom made commitment and action. The student working with the retarded, the protestor fighting for justice, the friend lending a compassionate ear have all glimpsed a larger world beyond themselves. They have not turned away from the failures, shortcomings and injustices which they saw in others and themselves, but have given over their very lives and lifestyles to saying "No" to these evils. When wisdom comes to us, we either accept or reject the call of charity which invariably accompanies it. If we ignore wisdom and turn away from charity in our lives with others, with our nation and with our world, we shall soon become deaf as well as blind. We will run the risk of living our lives in a senseless shell of deceit and selfishness.

A professor I greatly admire ended his two-semester course on church history with a simple quote, "History is informative, nor normative." He meant it to refer to the history of the Christian Church, but this saying applies equally well to us on this historic day. Just as contemporary Christianity cannot pattern itself after some imagined perfect era in the past, we cannot live our lives seeking to recover some glowing, faultless period in our history. We all know the bittersweet experience of visiting our old high schools or undergraduate colleges and realizing that we no longer belong there. In the same way, in a few hours we will no longer belong here at Notre Dame. The choice now lies before us: we can either be grateful for what we have had here, both good times and bad, or we can resent history's progress and spend years trying to recapture what we thought we loved about Notre Dame. It is wisdom to realize that we draw on our past; we cannot live there. It is charity to give thanks for the victories and vicissitudes, for the shared times and the separations of life at Notre Dame, and to live in the present, hopeful for the future.

There is not golden age in our lives; either as individuals, in our relationships with others, in our societies, in our nations or in our churches. We need wisdom's unsettling light to understand clearly who we are, imperfect people in an imperfect world. We need charity to draw us beyond ourselves to act for change at every level of our lives. On a day of celebration such as today, it is important to recall this. May God bless all of us and may God's blessing open our minds and hearts for the revelation of wisdom and the acceptance of charity's call. Thank you.

Letter from Mother Teresa to the Graduating Class of 1986

(Editor's Note: The following letter from Mother Teresa to Michael Mazza, who on behalf of his classmates had invited her to address the 1986 Commencement, was read by Father Hesburgh at the Baccalaureate Mass.)

Calcutta
April 3, 1986

Dear Michael Mazza and all the Graduating Class of 1986,

Thank you very much for your letter of March 8, 1986 and your invitation to me to be the 1986 Commencement speaker at Notre Dame University. My thanks also to each of the many students who have signed the attached sheets signifying their wish for me to come. And truly I would like very much to be with you on this very important day of your lives.

However, I cannot be present because at the time of your Commencement and graduation, 91 young girls will be making their first Vows in our Congregation of Missionaries of Charity. They will be giving themselves to God with undivided love in Chastity, through Freedom of Poverty, in total surrender in Obedience, and whole hearted and free service to Him in the distressing disguise of the poorest of the poor.

My gratitude to you is my prayer that each one of you young men and women on your graduation day shine forth as a bright light -- the light of Christ -- to the world around you:

Feeding the hungry -- not only with food but also with the Word of God,

Giving drink to the thirsty -- not only for water, but for knowledge, peace, truth, justice and love,

Clothing the naked -- not only with clothes, but also with human dignity,

Giving shelter to the homeless -- not only a shelter made of bricks, but a heart that understands, that covers, that loves,

Nursing the sick and the dying -- not only of the body, but also of mind and Spirit.

But to do this we need to be pure of heart for only the pure can see and recognize Jesus in the distressing disguise and touch Him in the poorest of the poor. We need to be humble like Mary to be able to say "Yes" to God -- to accept God's law, God's teaching as given to us by His Vicar on earth -- the Holy Father and the Magisterium of the Church.

Be whole hearted, fully committed Christians, dedicated to Truth, Integrity and Justice. Love the Gospel without compromise -- holiness is not the luxury of a few but our simple duty for you and for me. Let Christ live His life in you -- accept the challenges of life and dare to be what Jesus has created and called you to be.

Keep the joy of loving Jesus in each other and in the poor and share this joy with all whom you meet especially your own families.

Let us pray --

God Bless You,

Mother Teresa, M.C.

laetare medal

Sir and Madam:

Well have you served us and full is our appreciation as we bestow on you the Laetare Medal, with all the richness of a legacy that stretches back more than a century.

You, Sir, have taught us that an educated person is one who is committed to lifelong learning. From your graduation from Notre Dame in 1937 to the present, your career has reminded us that, as Robert Redfield once observed, "Education is...a good thing that happens inside people."

Yours has been an inquiring mind, learning for the sake of diffusion. In the dialectic of experimental science, you have left your mark on the modern world of pharmaceuticals as researcher, executive, lecturer, and author. But you have paid attention to value, as well as to fact, and you have honed insight as well as observation, always alert to the ethical questions raised by technological advance. You have shown us that education does not end, that it is a constant growth of apprehension and of appreciation.

You have also turned your considerable talents to service and revealed the adventure it can be for the creative volunteer. You never confused the prestigious title with the tough tasks which give it meaning. You took on the hard assignments including Chairman of Board of Trustees, and earned respect by leading. To service you brought the very skills that aided you in business -- a restless intellect and a keen sense of humor, the one to pry associates out of mental lethargy, the other to set them at ease in laughter. Time and time again you have answered the call of your alma mater, summoning you to the lecture room or the fund-raising reception, and distinguished yourself in each and every endeavor.

You, Madame, have been the University's first lady, your uncommon grace articulating our mission better than any words. While raising a family and pursuing your own community interests, you shared the burdens of University responsibility as you now share the honor they wrought. You also have been unstinting in your dedication to the University of Our Lady.

Sir and Madame: Our gratitude is not the measure of your service, but on the 103rd anniversary of the Laetare Medal we take great pride in being able to give it to you.

On

Thomas Patrick Carney and Mary Elizabeth Carney
Lake Forest, Illinois

Mrs. Carney's response:

Any recognition of an individual's contribution coming from Notre Dame is held in high esteem. Receiving the highest and the most prestigious of all awards, the Laetare Medal, is treasure beyond treasures. And we are most grateful for this recognition. It comes from doing something that we enjoy doing and that we have taken great satisfaction in doing and, with God willing, we will continue to do.

Dr. Carney's response:

I suppose if anything could add to the satisfaction of simply receiving the award, it would be to have it presented at the graduation in the presence of the graduating students. Graduation day is a day not just for remembering, but it's a day that I hope you will remember. I hope we'll remember easily some of the things that happened here.

That's why I'm glad that the medal is being presented today. Not, heaven forbid, that we are on display. Who receives the medal is not very important. The medal itself is important. And I would like to think that the Laetare Medal, being one of the last things that you have seen and heard on your last day here, might be one of the things that you will remember.

Unfortunately, there just aren't enough medals to go around. But I would like to think, also, that you might -- remembering your four years here at Notre Dame and what you have been taught -- live your lives in such a way that, even though you never received the award, you could at least say you deserved it.

Thank you.

president's dinner awards

(Following are the citations for the awards announced at the President's Dinner, May 20, 1986.)

Father John "Pop" Farley Award

This award, given in memory of the legendary rector of Sorin Hall, goes tonight to a man who uses his unbounded energies to serve students. On any given day you may find him preparing for class, checking with his staff, planning social events, pacing an athletic field, or reflecting on a homily for an evening Mass. Whatever the task, its goal is the education and enrichment of Notre Dame students. His interests range from geopolitical conflicts to horticulture of roses. He is a man of strong opinions which he is never reluctant to share! Students know he takes them seriously, combining sternness with warmth, affection and immense understanding.

Standing in the tradition of two great Holy Cross priests, Father John "Pop" Farley and Father John Zahm, for whom his hall is named, he is a priest who personifies the rector as educator.

Thomas P. King, Congregation of Holy Cross

Madden Award

This year's Thomas P. Madden Award for outstanding teaching of freshmen brings its winner into an exclusive "Triple Crown" circle. Previously honored as the outstanding teacher of the year in his Department and then in his College, this dynamic professor comes to his third teaching award as no mere magician of the slick lecture or the funny anecdote. Instead his reputation rests on innovative teaching methods, clarity of presentation and a real commitment to helping students in and outside the classroom. Those attempting to complete his assignments strain to the limit their own abilities and the resources of a major computer, yet they still say, "He's cool; he respects your intelligence." He describes his instructional goals in this way: "to dispel myths and to develop appropriate attitudes and approaches to problems -- to develop a style of thinking."

Tonight we honor a special teacher who enthusiastically introduces the mysteries of engineering to several hundred freshmen each year.

Terrence J. Akai

Reinhold Niebuhr Award

The Reinhold Niebuhr Award is made annually to one whose life and writings promote or exemplify the lifelong theological and philosophical concerns of Reinhold Niebuhr, particularly in the area of social justice in modern life. This year we honor a colleague whose creative course development and carefully reasoned discourse have made us reexamine our views on war and peace. International in experience and outlook, he offers students and faculty alike the benefit of his comprehensive understanding. This spirited Christian thinker brings to Notre Dame's campus the special gifts of discernment which characterize his own religious tradition. His facility for thoughtful, objective analysis of basic issues has, in turn, helped us discover how to be faithful to the convictions which we profess.

John Howard Yoder

Grenville Clark Award

The Grenville Clark Award is made annually to honor one whose voluntary activities and public service advance the cause of peace and human rights. The 1986 honoree has taught us that understanding and acceptance of our own humanity is the first and most important step toward inner peace and the extension of that peace to our world. His activities spread from this campus to the innermost sanctuaries of New York's boroughs and over the Michiana airwaves into urchin imaginations. Recipient of the National Catholic Press Association's Distinguished Columnist Award, he is recognized for his insights into the everyday spiritual problems which plague us all. Even "Ole' Blue Eyes" has come to know his influence through Our Sunday Visitor! But most of all, for 18 years he has reminded us in his Observer articles that, like the lonely God to Whom he writes, he also does these things because he loves us.

Robert F. Griffin, Congregation of Holy Cross

Faculty Award

The Faculty Award for outstanding service to the University goes this year to a priest who in the troubled days of the Vietnam War helped a whole generation of students turn anger and frustration to positive moral action. His ten years as chairman of Notre Dame's largest and in many ways most complex department opened doors to a new understanding of theology's role at Notre Dame and in the Church at large.

A research leave in the Near East during which he cultivated both Hebrew and Arabic turned his scholarly interests to the contributions Judaism and Islam have made to medieval Christian synthesis. After Jerusalem, the Faculty Senate was easy! His term as Senate Chairman was productive. Now Chaplain to University Village, his dedication to the well-being of students continues to be marked by energy and creative concern. A caring colleague, a scholar of international reputation, a tireless worker for a better university, he is a man whose immense service to our community deserves the 1986 Faculty Award.

David Burrell, Congregation of Holy Cross

Special Presidential Awards

A former Marine, this man strode onto the Notre Dame campus in 1953 and has been a part of the place ever since. Earning both his M.A. and Ph.D. here, he thus began a family tradition strengthened when his five children also graduated from this University. Known by generations of Notre Dame students as a wise counselor, he has not only taught the theory but practiced the art of guidance in a variety of departments from Admissions to Education to the Freshman Year. Under his supervision, thousands of students have faced GRE, MCATS and other national exams as well as Notre Dame's own Freshman Year placement tests. Responsible administrator, respected academic guide, and self-appointed football strategist, this faculty member is above all indispensable as Associate Dean of the Freshman Year.

Peter P. Grande

Priest, rector, scientist, and administrator, this award-winner has worn many hats with distinction over the past 33 years on this campus. As longtime chairman of a small department, he encouraged preparation of new courses to keep students up-to-date on

environmental issues. Imaginative and responsive, he seized the initiative for funding and developing summer programs for minority youths with promise as scientists. Over the years his fellow priests have often recognized his special abilities by electing him liaison between the University and the Holy Cross Community. Noted as a story teller, he entertains his friends with tales which demonstrate his self-effacing humor. He is a man whose devotion to this University, its mission and its tradition, merits special honor tonight.

Michael J. Murphy, Congregation of Holy Cross

Dedicated, hardworking, organized, this professor controls hundreds of students with the mere wave of his hand. He has spent 34 years -- virtually all his professional life -- at this University, doubling the size of his unit and perfecting its quality. Alumni gasp at his fabulous memory when years later he immediately recognizes them; colleagues appreciate his active support; students enjoy his lively sense of humor and his insistence on top-level performance; women at Saint Mary's College and Notre Dame value his wholehearted acceptance of coeducation. Nationally known for his expertise, he travels regularly from South Bend as judge, consultant and master teacher. Whether standing on his podium on the football field or on the floor of the Washington Hall Bandroom, this gentleman commands our attention and gratitude for his years of fine service to Notre Dame and its students.

Robert F. O'Brien

To many, these honorees seem to live in the past. However, for them, the past lives actively in the present. He reads the landscape, making hedgerows and highways tell stories of strangers who have passed by. He looks at artifacts, the materials of culture, and sees them as a kind of above-ground archaeology. She reads the documents, collecting the papers, the files, the day-to-day records that are pieced together into the coherence of history. She finds, preserves and organizes the written and printed matter in which American Catholicism, and Notre Dame itself, find a context. From Pittsburgh and from Staten Island respectively, they met studying history in Iowa and formed their careers into one life at Notre Dame. No one was surprised when they bought an historic Indiana farmhouse, almost as old as Notre Dame itself. There they have room to raise their son Lars and, with him, enjoy their hobbies of gardening and horsemanship. We appreciate them for their vivacity, their wit, their generous devotion to Notre Dame. We honor tonight two historians: a Professor of American Studies and the Director of the Notre Dame Archives.

Thomas and Wendy Schlereth

president's annual staff recognition dinner special presidential awards

(Following are the citations for the awards announced at the President's Annual Staff Recognition Dinner, May 19, 1986.)

Since as early as 1954, she has been involved in many and varied facets of the Notre Dame community.

She served the University in several secretarial positions, Conference Coordinator for the Center for Continuing Education and most recently as Personnel Assistant in the University Personnel Department.

She is known to University staff and faculty for her professional and untiring efforts in organizing the annual United Way and Third World relief campaigns. Many less fortunate people have benefited from her efforts. In her quiet and unassuming way, she has made a strong contribution to the caring image of Notre Dame.

For her many fine years of unselfish efforts and for her outstanding positive personal qualities, we recognize

Monica Jeffers

After demonstrating her outstanding planning and organizing capabilities as a secretary, she was promoted to head the Book Department of the Notre Dame Hammes Bookstore where, for the last twenty-four years, she has been an active participant in Notre Dame's educational process. She has helped countless faculty and students with her thorough knowledge of academic texts.

Her conscientious and cooperative approach has earned her the respect of faculty and students alike. Without her efforts, the Book Department would not enjoy the fine reputation gained over the years.

For her thirty years of able service, and for the benefits to the University for her tireless efforts, we recognize

Patricia Vanek

On a campus that is internationally renowned for its athletic success, this individual is the most successful Notre Dame coach of them all. He recently celebrated his 25th year as Irish head coach by winning the NCAA men's title for the third time in the last 10 years. Nine times in the past 12 seasons his teams have finished either first, second or third in the NCAA meet -- and on seven occasions his Notre Dame athletes have taken home individual gold medals. He has accumulated 629 overall victories with both the men's and women's teams -- including a current 53-match winning streak with the men's squad. His career winning percentage with the men is an astounding .923 -- plus his influence on the growth of the sport internationally has been widespread. Even more impressive for this former Notre Dame engineering student is his winning percentage as academic advisor for all Irish athletes. More than 98 percent of our athletes in all sports receive their degrees -- a mark that is unmatched around the country due to the personal perseverance and dedication of this individual. He has done as much as anyone to produce and promote the balance between athletics and academics that we so proudly display. A former Notre Dame fencer himself, he's an intense competitor for whom unbeaten seasons have been the rule rather than the exception -- whether they've come on the fencing strip or in graduation ratios.

Michael A. DeCicco

It is fitting that this individual will assume the presidency of the national organization of his peers this summer -- because he's been regarded as one of the pillars of his profession for two decades. Nowhere is Notre Dame's reputation as a national institution felt more than in his department -- where he fields inquiries on a daily basis from people around the world interested in the Fighting Irish. He learned his craft by working side by side with Notre Dame's high-profile athletic coaches -- from watching Frank Leahy during his student days to accepting his first full-time job as an aide to Terry Brennan. Since then, his reputation as the expert on Notre Dame's sports scene has been enhanced by the more than 50 national awards his publications have won in the last 10 seasons. In his role as assistant and associate athletic director the past 10 years, his duties have expanded on a wide-ranging basis in the administration of Notre Dame's athletic program. Yet, it has been his polished public relations expertise that earned him a spot in the College Sports Information Directors of America Hall of Fame in 1981. From the walk-ons to the All-Americans, he has been a valued friend of everyone connected with the Notre Dame athletic picture as its Sports Information Director the past 20 years.

Roger O. Valdiserri

faculty promotions

To Emeritus

Margaret M. Cronin, Psychological Services
Msgr. Joseph Gremillion, Institute for Pastoral and Social Ministry
Theodore B. Ivanus, Library
John R. Malone, Marketing
Bernard P. Norling, History
Robert F. O'Brien, Music, Director, University Bands
Richard R. Otter, Mathematics
John J. Philippsen, Library
Aleksis Rubulis, Modern and Classical Languages

To Chair

Robert H. Schuler, Paul M. Henkels Professor of Radiation Chemistry
Robert P. Vecchio, Franklin D. Schurz Professor of Management
Kwang-Tzu Yang, Viola D. Hank Professor of Aerospace and Mechanical Engineering

To Professor

Peri E. Arnold, Government and International Studies
David L. Cohn, Electrical and Computer Engineering
Xavier C. Creary, Chemistry
Jay P. Dolan, History
Richard F. Foley, Philosophy
Kenneth P. Jameson, Economics
Donald W. Kline, Psychology
Marvin J. Miller, Chemistry
Randal C. Ruchti, Physics
Eugene Ulrich, Theology
Pit-Mann Wong, Mathematics

To Associate Professor and Tenure

Donald T. Critchlow, History
Stephen A. Fredman, English
Jorge L. Garcia, Philosophy
Paul R. Grimstad, Biological Sciences
Jeffrey C. Kantor, Chemical Engineering
A. Graham Lappin, Chemistry
Sharon L. O'Brien, Government and International Studies
Anand Pillay, Mathematics
Rev. David T. Tyson, C.S.C., Management
Rev. Oliver F. Williams, C.S.C., Management

To Tenure: Associate Professor

Mark Searle, Theology
Howard K. Wettstein, Philosophy

From Assistant Professor Tenured to Associate Professor Tenured

Rev. George Minamiki, S.J., Modern and Classical Languages

To Faculty Fellow

Asokendu Mozumder, Chemistry and Radiation Laboratory

To Associate Faculty Fellow

Leonard E. Munstermann, Biological Sciences

To Associate Librarian

J. Douglas Archer, Library
Patrick J. Max, Library
Jean A. Pec, Library

To Assistant Librarian

Beth F. Picknally, Library
Michael J. Slinger, Law Library

To Professional Specialist

Daniel M. Chipman, Radiation Laboratory
Guillermo J. Ferraudi, Radiation Laboratory
Winifred Min-Yang Huo, Radiation Laboratory

To Associate Professional Specialist

Gordon Hug, Radiation Laboratory
Jay A. LaVerne, Radiation Laboratory
James H. Powell, Advanced Studies
Stephen B. Spiro, Snite Museum
Rev. George Wiskirchen, C.S.C., Music

To Assistant Professional Specialist

Sandra L. Vanslager, Physical Education

Twenty-Five Years of Service -- 1961-1986

James J. Carberry, Chemical Engineering
Michael J. Crowe, Program of Liberal Studies
Kenneth Featherstone, Architecture
Yusaku Furuhashi, Associate Dean, College of Business Administration, Marketing
Robert G. Hayes, Chemistry
Randolph J. Klawiter, Modern and Classical Languages
Rev. Leon J. Mertensotto, C.S.C., Theology
Noel B. O'Sullivan, Physical Education
Daniel J. Pasto, Chemistry
Morris Pollard, Coleman Director of Lobund Laboratory, Biological Sciences
George E. Sereiko, Library
Donald C. Sniegowski, English
Robert H. Vasoli, Sociology
Rev. Joseph L. Walter, C.S.C., Chairman, Preprofessional Studies, Chemistry

summary annual report for tiaa/cref retirement annuity for faculty and administrators

This is a summary of the annual report for TIAA/CREF Retirement Annuity for Faculty and Administrators, employer number, 35-0868188, for Jan. 1, 1985 through Dec. 31, 1985. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total payments paid for the plan year ending Dec. 31, 1985 were \$3,928,336.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Personnel, Personnel Department, Notre Dame, IN (219) 239-5900.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Personnel Department, Notre Dame, IN and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C., 20216.

summary annual report for tiaa/cref tax deferred annuity for faculty and administrators

This is a summary of the annual report for TIAA/CREF Tax Deferred Annuity Plan for Faculty and Administrators, employer number 35-0868188, for Jan. 1, 1985 through Dec. 31, 1985. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total premiums paid for the plan year ending Dec. 31, 1985 were \$665,418.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Personnel, Personnel Department, Notre Dame, IN (219) 239-5900.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Personnel Department, Notre Dame, IN and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C., 20216.

advanced studies

current publications and other scholarly works

Current publications should be mailed to the
Division of Research and Sponsored Programs,
Room 314, Administration Building.

COLLEGE OF ARTS AND LETTERS

Economics

- Jameson, Kenneth P.
K.P. Jameson. 1986. Latin American
Structuralism: A Methodological
Perspective. World Development 14(2):
223-232.
- Ruccio, David F.
See under PHILOSOPHY; Simon, Lawrence H.
1986. World Development 14(2):211-222.
- See under PHILOSOPHY; Simon, Lawrence H.
World Development 14(2):195-209.

Government and International Studies

- Leege, David C.
D.C. Leege and J. Gremillion. 1986. The
People, Their Pastors, and the Church:
Viewpoints on Church Policies and Positions.
Notre Dame Study of Catholic Parish Life
7:1-14.
- D.C. Leege. 1986. Catholic Parishes and
Parishioners in the 1980's: The Promise
and Problems of the American Mainstream.
Pages in 7-22 in, The Parish in Transition.
Proceedings of the FADICA Conference on
the American Parish in Transition.
U.S. Catholic Conference, Washington,
D.C.

History

- Biddick, Kathleen A.
K.A. Biddick. 1986. Review of The
Archaeology of Medieval England by Helen
Clarke. Speculum 61(2):395-396.
- DeSantis, Vincent P.
V.P. DeSantis. 1986. Review of Emily
Apt Geer's, First Lady: The Life of
Lucy Webb Hayes. The Register of the
Kentucky Historical Society 84:89-90.
- V.P. DeSantis. 1986. Review of J. William
T. Young's, Eleanor Roosevelt: A
Personal and Public Life. The Review
of Politics 48:127-130.

Modern and Classical Languages

- Ketterer, Robert C.
R.C. Ketterer. 1986. Stage Properties in
Plautine Comedy I: Introductory Analysis
(Curculio). Semiotica 58(3/4):193-216.

Music

- Cramer, Craig
C. Cramer. 1986. Solo Recital. Zion
Lutheran Church, Fort Wayne, Indiana.

Philosophy

- Burrell, CSC, David C.
D.C. Burrell, CSC. 1986. Creation, Will
and Knowledge in Aquinas and Duns
Scotus. PRAGMATIK 1:246-257.
- DePaul, Michael R.
M.R. DePaul. 1986. Reflective Equilibrium
and Foundationalism. American Philosophical
Quarterly 23:59-69.
- A.J. Freddoso. 1986. Critical Review of
John Buridan on Self-Reference: Chapter
Eight of Buridan's Sophismata, with a
Translation and Introduction and
Philosophical Commentary by G.E. Hughes.
Nous 20:77-81.

Kirkham, Richard L.
R.L. Kirkham. 1986. The Two Paradoxes of the Unexpected Examination. Philosophical Studies 49(1):19-26.

Simon, Lawrence H.
L.H. Simon and D.F. Ruccio. 1986. Methodological Aspects of a Marxian Approach to Development: An Analysis of the Modes of Production School. World Development 14(2):211-222.
L.H. Simon and D.F. Ruccio. 1986. A Methodological Analysis of Dependency Theory: Explanation in Andre Gunder Frank. World Development 14(2):195-209.

Wettstein, Howard K.
H.K. Wettstein. 1986. Has Semantics Rested Upon a Mistake? Journal of Philosophy 83(4):185-209.

Program of Liberal Studies

Crowe, Michael J.
M.J. Crowe. 1986. The Extraterrestrial Life Debate 1750-1900: The Idea of a Plurality of Worlds from Kant to Lowell. Cambridge University Press, Cambridge, England. xviii + 680 pp.
Sloan, Phillip R.
P.R. Sloan. 1985. The Question of Natural Purpose. Pages 121-150 in, E. McMullin, ed., Evolution and Creation. University of Notre Dame, Notre Dame, Indiana.
P.R. Sloan. Darwin's Invertebrate Program: Preconditions for Transformism, 1826-36. Pages 71-120 in, D. Kohn, ed., The Darwinian Heritage: A Centennial Retrospect. Princeton University Press, Princeton, New Jersey.

COLLEGE of SCIENCE

Biological Sciences

Grimstad, Paul R.
P.R. Grimstad, C.H. Calisher, R.N. Harroff and B.B. Wentworth. 1986. Jamestown Canyon virus (California serogroup) is the Etiologic Agent of Widespread

Infection in Michigan Humans. American Journal of Tropical Medicine and Hygiene 35(2):376-386.

Chemistry

Castellino, Francis J.
B.A.K. Chibber, J.T. Morris and F.J. Castellino. 1986. Rapid Formation of an Anion-sensitive Active Site in Stoichiometric Complexes of Streptokinase and Human [Glu¹]plasminogen. Biochemistry 83:1237-1241.
Chibber, Bakshy A.K.
See under Castellino, Francis J. 1986. Biochemistry 83:1237-1241.
Eigenbrot, Jr., Charles W.
See under Scheidt, W. Robert. 1986. Inorganic Chemistry 25(6):795-799.
George, Manapurathu V.
See under Kamat, Parashant V. 1986. Chemische Berichte 119:917-928.
Huber, Paul W.
P.W. Huber and I.G. Wool. 1986. Identification of the Binding Site on 5S rRNA for the Transcription Factor IIIA: Proposed Structure of a Common Binding Site on 5S rRNA and on the Gene. Proceeding of the National Academy of Science USA 83:1593-1597.
Kamat, Prashant V.
B. Pandey, R.K. Tikare, M. Muneer, P.V. Kamat and M.V. George. 1986. Electron Transfer Reactions. Reaction of Furanones and Bifurandiones with Potassium and Oxygen. Chemische Berichte 119:917-928.
Scheidt, W. Robert
W.R. Scheidt, J.U. Mondal, C.W. Eigenbrot, Jr., A. Adler, L.J. Radonovich and J.L. Hoard. 1986. Crystal and Molecular Structure of the Silver (II) and Zinc(II) Derivatives of meso-Tetraphenylporphyrin. An Exploration of Crystal-Packing Effects on

Bond Distance. Inorganic Chemistry 25(6):795-799.

W.R. Scheidt and D.M. Chipman. 1986. Preferred Orientation of Imidazole Ligands in Metalloporphyrins. Journal of the American Chemical Society 108(6): 1163-1167.

Schuler, Robert H.

Z.B. Alfassi, W.A. Prütz and R.H. Schuler. 1986. Intermediated in the Oxidation of Oxide Ion in Acidic Solutions. Journal of Physical Chemistry 90(6):1198-1203.

COLLEGE OF ENGINEERING

Chemical Engineering

Wolf, Eduardo E.

J. Regalbuto and E.E. Wolf. 1986. FTIR Studies of Self-Sustained Oscillations During the CO-NO-O₂ Reaction on Pt/SiO₂ Catalysts. Chemical Engineering Communications 41:315.

L.A. Amestica and E.E. Wolf. 1985. Catalytic Liquefaction of Coal in Supercritical Tetralin. Page 331 in, J.M.L. Penninger M. Radosz, M.A. McHugh and V.J. Krukoni, ed., Supercritical Fluid Technology. Elsevier, New York.

Electrical and Computer Engineering

Michel, Anthony N.

R.K. Miller and A.N. Michel. 1986. Analysis of Transient Oscillations in a Nonlinear Feedback System. IEEE Transactions on Circuits and Systems 33(4): 455-458.

COLLEGE OF BUSINESS ADMINISTRATION

Marketing Management

Dunn, Mark G.

See under Wahlers, Russell G. 1986. Volume 13, Pages 398-402 in, Advances in Consumer Research.

Etzel, Michael J.

See under Gaski, John F. 1986. Pages 75-83 in, The Future of Consumerism.

See under Wahlers, Russell G. 1985. Journal of Leisure Research 17(4):283-295.

Gaski, John F.

J.F. Gaski. 1986. The Theory of Power and Conflict in Channels of Distribution. Pages 668-701 in, J.N. Sheth and D.E. Garrett, eds., Marketing Theory: Classic and Contemporary Readings. South-Western Publishing Company, Cincinnati, Ohio.

J.F. Gaski and M.J. Etzel. 1986. Evolution of Consumer Attitude Toward Business, 1971-1984: A Replication. Pages 75-83 in, P.N. Bloom and R.B. Smith, eds., The Future of Consumerism. Lexington Books, Lexington, Massachusetts.

Wahlers, Russell G.

R.G. Wahlers and M.J. Etzel. 1985. Vacation Preference as a Manifestation of Optimal

Stimulation and Lifestyle Experience. Journal of Leisure Research 17(4):283-295.

R.G. Wahlers, M.G. Dunn and M.J. Etzel. 1986. The Congruence of Alternative OSL Measures with Consumer Exploratory Behavior Tendencies. Volume 13, Pages 398-402 in, R.J. Lutz, ed., Advances in Consumer Research. Association for Consumer Research, Provo Utah.

INSTITUTE FOR PASTORAL AND SOCIAL MINISTRY

Gremillion, Msgr., Joseph

See under GOVERNMENT; Leege, David C. 1986. Notre Dame Study of Catholic Parish Life 7:1-14.

CENTER FOR THE STUDY OF CONTEMPORARY SOCIETY

Center for Gerontological Educations, Research and Services

McIntosh, John L.

J.L. McIntosh and B.L. Jewell. 1986. Sex Difference Trends in Completed Suicide. Suicide and Life-Threatening Behavior 16:16-27.

O'NEILL CHAIR IN EDUCATION FOR JUSTICE

Goulet, Denis A.

D.A. Goulet. 1986. Liberation Theology and Liberal Society. Notre Dame Journal of Law, Ethics & Public Policy 2(1):43-53.

RADIATION LABORATORY

Alfassi, Zeev B.

See under CHEMISTRY; Schuler, Robert H. 1986. Journal of Physical Chemistry (6):1198-1203.

Chipman Daniel M.

See under CHEMISTRY; Scheidt, W. Robert. 1986. Journal of the American Chemical Society 108(6):1163-1167.

Ebbesen, Thomas W.

T.W. Ebbesen and C.M. Previtali. 1985. Spectral Evidence for Long-lived Radical-Electron Pairs: Photoionization of Phenol in Alcohols. Journal of Photochemistry 31:193-197.

Kamat, Prashant V.

R.V. Todesco and P.V. Kamat. 1986. Excited-State Behavior of Poly[dimethylsilylene-co-methyl(1-naphthyl)silylene]. Macromolecules 19(1):196-200.

Sassoon, Richard E.

R.E. Sassoon. 1986. Kinetics of Quenching of Luminescent Probes in Polelectrolyte Solutions. Chemical Physics Letters 125:74.

Zagorski, Zbigniew P.

Z.P. Zagorski. 1986. Pulse Radiolysis Study on Electrons Trapped in Aqueous Solid Clathrates. The Journal of Physical Chemistry 90(5):957-963.

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