

# notre dame report

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# the university

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## percy awarded laetare medal

Novelist Walker Percy has received Notre Dame's 1989 Laetare Medal, widely considered the most prestigious award given to American Catholics. He is the 111th recipient of this award and the seventh novelist. Established at Notre Dame in 1883, the Laetare Medal was conceived as an American counterpart of the "Golden Rose," a papal honor antedating the 11th century and given in Rome at the Basilica of the Holy Cross to an eminent benefactor of the Church. The Laetare Medal has been awarded annually by Notre Dame to a person "whose genius has ennobled the arts and sciences, illustrated the ideals of the Church and enriched the heritage of humanity."

A native of Birmingham, Ala., Percy was graduated in 1937 from the University of North Carolina at Chapel Hill with honors in chemistry. Four years later, he received his medical degree from the College of Physicians and Surgeons of Columbia University. He worked briefly as an intern at Bellevue Hospital in New York City before falling ill with tuberculosis in 1942. During his two year recuperation, Percy decided against continuing his medical career. He began a study of philosophy which would deeply affect his novels, particularly the works of such existentialist writers as Kierkegaard, Heidegger, Camus, and Sartre. He converted to Catholicism in 1946. Percy's first novel, "The Moviegoer," won the 1961 National Book Award. His other widely read novels include "The Last Gentleman," "Love in the Ruins," "Lancelot," "The Second Coming," and "The Thanatos Syndrome." He has also written two books of essays, "The Message in the Bottle" and "Lost in the Cosmos."

## committee appointed for "year of the family"

A steering committee to plan the 1989-90 "Year of the Family" at Notre Dame has been appointed by Rev. Edward A. Malloy, C.S.C., president. Chairing the committee will be Roland B. Smith, Jr., executive assistant to the president.

Other members are Joel Barstad, a graduate student; Richard Boswell associate professor of law; Robert Burke, faculty research consultant in the liberal arts; Angel Manuel Cuevas, John J. Hamill, and Marcia Yvette Lucas, undergraduate students; Lawrence Lee, professor of aerospace and mechanical engineering; Suzanne Marilley, assistant professor of government and international studies; Kenneth Milani, professor of accountancy; Kathie Newman, associate professor of physics; Kathleen Sullivan, director of Alumni Continuing Education; Linda Sumner, manager of employee relations and training for Human Resources; Jennifer Warlick, associate professor of economics; David Woods, director of support services; and Lorenzo Zeugner, Jr., associate librarian.

Malloy announced "The Year of the Family" in his October address to the faculty noting that the purpose would be similar to that of "The Year of Cultural Diversity" which the University is now celebrating. The "Notre Dame family" will be given the opportunity to look at the changes taking place in this social institution and to reflect on it in terms of religious and life commitments. A concentrated discussion of the family was among recommendations given by the task force on The Family and Other Life Commitments.

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## **touche ross establish endowment**

The University has received a \$250,000 commitment from Touche Ross & Co. to establish an endowed fund for the faculty of the Department of Accountancy. Daniel J. Kelly, chairman of the board of Touche Ross & Co. and a 1957 graduate of Notre Dame, feels this endowment will support the already outstanding accountancy program at Notre Dame. Funds for the company's commitment will come from the contributions of its Notre Dame graduates, the Touche Ross Foundation, and Touche Ross offices nationwide.

## **advisory council members appointed**

Five persons have been appointed to advisory councils by Rev. Edward A. Malloy, C.S.C., president.

Mr. and Mrs. John P. McMeel of Shawnee Mission, Kans., and Mrs. Kathleen W. Andrews, Kansas City, Mo., have been appointed to the Advisory Council for the Institute for Pastoral and Social Ministry. John McMeel is a 1957 Notre Dame graduate who is president of Universal Press Syndicate (UPS) in Kansas City. Andrews, who received an M.S. from Notre Dame in 1963, is a vice president of UPS.

William Stavropoulos, Highland, Mich., plastics/hydrocarbons group vice president for Dow Chemical U.S.A. and president and chief executive officer of Essex Specialty Products, Inc., Midland, Mich., and Raymond C. Tower, Winnetka, Ill., president and chief executive officer of FMC Corporation, Chicago, have been named to the Advisory Council for the College of Science.

Eight Notre Dame advisory councils, organized between 1946 and 1980, the development of its major academic entities and advise their deans and directors.

## **academic garb rental**

Measurements for academic garb for the May 1989 Commencement Exercises will be taken on Tuesday and Wednesday, April 4 and 5, ONLY, from 9 a.m. to 4:30 p.m. at the Hammes Notre Dame Bookstore. The rental of a doctoral cap, gown, and hood is \$22.00; the cap and gown is \$12.00 and the doctoral hood is \$10.00. Faculty who received a Ph.D. or Law degree from Notre Dame should rent the Notre Dame doctoral cap, gown, and hood. The rental fee is \$60.00; the cap and gown is \$44.00 and the doctoral hood is \$16.00. The rental of a cap, gown, and hood for the master degree is \$20.00; the cap and gown is \$11.00 and the master hood is \$9.00.

## **nd freshmen surveyed**

Compared with their counterparts at other private colleges and universities across the nation, Notre Dame freshmen are farther from home, more satisfied with their school, and more politically conservative. These are among the findings of an annual survey jointly conducted on freshmen nationwide by the American Council on Education and the University of California at Los Angeles.

The survey revealed that among freshmen matriculating in 1988, 55.1 percent at Notre Dame came from homes more than 500 miles away from the campus. In the national sample of freshmen at private colleges and universities, only 30.7 percent had travelled so far to school. Notre Dame freshmen seemed happier to arrive at school last fall, 83.8 percent of them answering that their present college address was their first choice compared with 69.7 percent in the national sample. Almost 32 percent consider the political views conservative compared with 26.5 percent of freshmen at private colleges and universities nationwide.

# faculty notes

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## honors

Rev. Nicholas R. Avo, C.S.C., assistant professor in the Program of Liberal Studies, had his book The Creed As Symbol, (University of Notre Dame Press, 1989) chosen as the March book club selection for Clergy Book Services.

Rev. E. William Beauchamp, C.S.C., executive vice president and concurrent assistant professor of management, has been named Alumnus of the Year by the University of Detroit. A native of Detroit, Beauchamp earned bachelor's and master's degrees in business administration from the University of Detroit.

Donald E. Sporleder, professor of architecture, was appointed honorary "Sagamore of the Wabash" for his work on the Indiana State Board of Registration for Architects and for his service to the citizens of Indiana by Gov. Robert D. Orr, Dec. 20. He was re-elected president of Michiana Watershed, Inc., a not-for-profit environmental group active in conservation, preservation, and appropriate development of natural resources in the St. Joseph River corridor.

## activities

Charles B. Alcock, Freimann professor of materials science and engineering, attended a meeting of the executive committee of CODATA at the LCSU Headquarters in Boulevard de Montmorency, Paris, France, Feb. 8-11. He gave an informal seminar on the current work of the Center for Sensor Materials at Notre Dame at the Department of Materials, Imperial College, London, England, Feb. 13.

Barbara Allen, associate professor of American studies, presented "Stories in Families: Shaping a Common Past" at the Folklife Forum Series held at Goshen College, Goshen, Ind., March 1.

Thomas P. Bergin, dean of continuing education and professor of management, was invited to participate in a special seminar program "The Middle East: Perils and Possibilities" sponsored by the Smithsonian Institute, Washington, D.C., Feb. 7-10. The Ambassadors of Egypt, Israel, Iraq, and Lebanon were a part of the seminar program.

Kathleen A. Biddick, assistant professor of history, organized a panel titled "Institutions and Development: Problems in Productivity and Investment in Medieval England" at the meeting of the American Historical Association held in Cincinnati, Ohio, Dec. 28. She delivered a paper "The State and Agrarian Lordship: Conflicts Over Productivity and Feudal Prerogative" at that meeting. She gave an invited paper "State, Estate and Household: Problems in Medieval Agrarian Productivity" at the Social Science History Workshop at the University of Texas, Austin, Tex., Feb. 23. She visited the Department of Data Theory, University of Leiden as an invited scholar where she participated in a workshop on quantitative methods and historical data, March 8-10. She delivered an invited paper "Reading in Detail: Problems of Productivity on the Winchester Estate (1209-1237)" at the Rockefeller Foundation Research Workshop on Agricultural Productivity and the European Economy of Past which convened at the Villa Bellagio, Italy, March 13-17.

Paul M. Blowers, visiting assistant professor of theology, gave the lecture "Antisemitism in the Early Christian Church: An Ongoing Inquiry and Reassessment" for the Jewish Studies Program held at Purdue University, West Lafayette, Ind., Jan. 18. He presented the paper "Monastic Spirituality and the New Testament in Seventh-Century North Africa: The Evidence of Thalassius and Maxims the Confessor" at the regional meeting of the Society of Biblical Literature, Garrett-Evangelical Theological Seminary, Evanston, Ill., Jan. 30.

Stephen R. Carpenter, associate professor of biological sciences, delivered the keynote address "Scales, Research Approached, and Types of Inference in Community Ecology" at the symposium "Structure: The Clack Box of Community Ecology" in Toronto, Ontario, Canada, March 2-4.

Rev. Andrew Christiansen, S.J., associate professor of theology, was the moderator at the Nuclear Ethics Colloquium at the Lawrence Livermore National Laboratory in Livermore, Calif., Dec. 2. He served on the Advisory Planning Committee, was a concurrent session convenor and reviewer of the Annual of the Society of Christian Ethics at the Society of Christian Ethics Convention, South Bend, Ind., Jan. 13-15. Christiansen presented "A Theological Perspective on Justice" with James R. Sterba, professor of philosophy, to the Theology Department Colloquium at the University of Notre Dame, Notre Dame, Ind., Jan. 23. He presented "Christian Ethics: Preparing to Be Christian in the World of Work" at the Catholic Faith Series, "Campus Ministry, University of Notre Dame, Notre Dame, Ind., Feb. 11 and 13. He gave "Being Ethical in the Workplace" at the Adult Education Class, Sunnyside Presbyterian Church, South Bend, Ind., Feb. 19.

George B. Craig, Jr., Clark professor of biological sciences, presented "Aedes albopictus: Spread in Midwest, 1988" at the Michigan Mosquito Control Association meeting in Ann Arbor, Mich., Feb. 8-9. He represented the American Mosquito Control Association as past president at that meeting. He gave "Status of Aedes albopictus in the LaCrosse Belt: 1988", to the Indiana Vector Control Association, Indianapolis, Ind., March 6-7. He presented "1988 Distribution of Aedes albopictus in the North Central Region" to the North Central Branch, Entomological Society of America, Indianapolis, Ind., March 13-14.

Lawrence S. Cunningham, professor of theology, attended the meeting of publication board of the American Academy of Religion in his capacity as editor of AAR Monograph Series "Studies in Religion" held in Anaheim, Calif., Feb. 25-26. At that meeting he was named General Field Editor for Christianity for the forthcoming work Harper's Dictionary of Religion to be published by Harper and Row.

Roberto A. DaMatta, Joyce professor of anthropology and faculty fellow in the Kellogg Institute, gave a lecture on "Culture and Politics in Brazil" to the Committee on Latin American Studies, Harvard University, Cambridge, Mass., March 7.

John D. Dow, Freimann professor of physics, gave an invited talk "Defective Semiconductors" at the seminar at the National Research Council, Ottawa, Canada, Nov. 15. He gave the talk "Charge Density Distributions and Scanning Tunneling Microscope Images of Relaxed (110) Zincblende Surfaces With Defects" at the 16th annual conference on Physics and Chemistry of Semiconductor Interfaces, Bozeman, Mont., Feb. 7-9.

Rev. Patrick D. Gaffney, C.S.C., acting director of the Mediterranean/Middle East Studies Program and assistant professor of anthropology, presented the address "Direct Interests and Indirect Strategies: America and the Contemporary Middle East" in the series "Great Decisions in Foreign Policy" at Indiana University Northwest, Gary, Ind., Feb. 15. He presented the paper "Contemporary Islamic Movements" and participated on the panel "Islamic Fundamentalism" at the conference titled "The Arab World" held at the University of Indianapolis, Indianapolis, Ind., Feb. 24-25.

Rev. Eugene Gorski, C.S.C., associate professional specialist and adjunct assistant professor of theology, presented "Conversion: A Journey Toward Becoming Fully Human...Fully Christian" for the Catholic Faith Series at the University of Notre Dame, Notre Dame, Ind., Feb. 19 and 21.

Denis Goulet, O'Neill professor in Education for Justice, Department of Economics, and in the Kellogg Institute, presented two lectures on "Development Strategies for the Future of Mexico" at the Instituto Tecnológico y de Estudios Superiores de Occidente in Guadalajara, Mexico, Feb. 23, and at the Colegio de Jalisco, Guadalajara, Mexico, Feb. 24.

Paul W. Huber, assistant professor of chemistry, gave an invited seminar titled "Identification and Analysis of the Nucleic Acid Binding Sites for Transcription Factor IIIA and Ribosomal Protein L5" for the Molecular Biology Program at Memorial Sloan-Kettering Cancer Center, New York, N.Y., March 10.

Robert C. Johansen, professor of government and international studies and senior fellow in the

Institute for International Peace Studies, gave two speeches "Alternative Approaches to International Security" and "Building a Warless World" and a plenary address "Strengthening U.N. Peacekeeping" at the Structures for Peace Convocation in Washington, D.C., Feb. 24-26.

Carla J. Johnson, adjunct assistant professor in the Freshman Writing Program, participated in a panel discussion of racism in the United States on "Studio 16" at WNDU-TV, Notre Dame, Ind., Feb. 4.

Kwan S. Kim, professor of economics and faculty fellow in the Kellogg Institute, organized and chaired a session titled "Trade and Industrial Policy in Developing Countries" and presented a paper at another session on "Mexico in the 21st Century" during the Allied Social Science meetings in New York, N.Y., Dec. 28-30. He conducted a week-long seminar on Third World development and employment strategies at the Netherlands Institute of Management, Holland, Jan. 3-10. With Denis Goulet, O'Neill professor of Education for Justice, Department of Economics, and in the Kellogg Institute, presented a series of seminars in Mexico in connection with the launching of their co-authored book titled Development Strategies for the Future of Mexico, Feb. 18-22.

Stephen R. Lundeen, professor of physics, delivered a lecture titled "Spectroscopy of High-L Rydberg States of H<sub>2</sub>: A Sensitive New Probe of the H<sub>2</sub><sup>+</sup> Ion" at the Department of Physics Colloquium at Kansas State University, Manhattan, Kans., Feb. 16. He gave the same lecture to the Department of Electromagnetic Phenomena Research Seminar at AT&T Bell Laboratories, Murray Hill, N.J., Feb. 23.

Catherine Mowry LaCugna, associate professor of theology, served as chair of the Internal Review Committee for the Psychology Department Evaluation at the University of Notre Dame, Notre Dame, Ind., March 15-17.

Mark J. McCready, assistant professor of chemical engineering, presented a seminar "Interfacial Behavior in Separated Gas-Liquid Flows" at the Department of Chemical Engineering, University of Houston, Houston, Tex., Feb. 3.

Paul J. McGinn, assistant professor of materials science and engineering, presented a talk titled "Superconducting Thick Films of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub> and Bi-Pb-Sr-Ca-Cu-O" at the TMS annual meeting in Las Vegas, Nev., Feb. 27. He presented the talk "Research on the Processing of High Temperature Superconductors for Bulk and Thick Film Applications" at the Scientific Laboratory of Ford Motor Company, Dearborn, Mich., March 10.

Ralph M. McInerney, Grace professor of Medieval Studies, director of the Maritain Center, and professor of philosophy, gave a talk to the Chesterton Club of Youngstown, Ohio, Jan. 29. He presented the lecture "Ethics of Suicide" at Holy Apostles Seminary, Cromwell, Conn., Feb. 16. He gave "Liberty and the Nature of Man in Dante's Divine Comedy" at Boston University, Boston, Mass., Feb. 24.

Rev. John A. Melloh, S.M., coordinator of the Marten Program in Homiletics and Liturgics and assistant professional specialist in theology, coordinated the 14 seminar groups for the national meeting of the North American Academy of Liturgy held in Nashville, Tenn., Jan. 2-5. He gave a presentation to Holy Cross Deacons on "Praying and Presiding" at Moreau Seminary, Notre Dame, Ind., Jan. 20. He served as panel respondent to a paper presented on the role of the laity in preaching at the meeting of Foundations and Donors Interested in Catholic Activities at Howie-in-the-Hills, Fla., Jan. 27. He presented "Prayer: The Heart of the Liturgy" to those preparing for Christian Initiation at St. Joseph Parish, South Bend, Ind., Feb. 22.

Leonard E. Munstermann, associate faculty fellow in biological sciences, hosted and chaired the judging of the 10th international American Mosquito Control Association Insect Photo Salon at Galvin Life Sciences, University of Notre Dame, Notre Dame, Ind., March 4.

Walter J. Nicqorski, associate professor in the Program of Liberal Studies, presented the paper, "American Pluralism: A Condition or Goal?" at the AT&T Conference on Moral Education in a Pluralist Society at the University of Notre Dame, Notre Dame, Ind., Feb. 24. He gave a commentary on two perspectives on Religion and Politics at the 50th anniversary symposium of the Review of Politics at the University of Notre Dame, Notre Dame, Ind., March 4.

Joseph E. O'Tousa, assistant professor of biological sciences, presented a seminar "Drosophila Rhodopsin Mutants and Retinal Degeneration" at the Department of Biology, University of Michigan, Ann Arbor, Mich., Feb. 22. He presented that seminar to the Department of Physiology and Health Sciences at Ball State University, Muncie, Ind., March 14.

Erskine Peters, professor of English, gave a talk on "Songs of Bondage and Freedom: Various Functions of Afro-American Spirituals" for the Friends of the Elkhart Public Library Lecture Series, Elkhart, Ind., Feb. 15.

Alvin Plantinga, O'Brien professor of philosophy, lectured on "Evil and Probability," "Positive Epistemic Status and Proper Function," and "Two Concepts of Modality" at Krakow, Poland, Jan. 8-14. He presented "Warrant and Basic Belief in God" and "Is Belief in God Rational?" at Baylor University, Waco, Tex., Jan. 26-27. He gave "Warrant and Basic Belief in God" at the University of Nebraska in Lincoln, Nebr., Feb. 23. Plantinga lectured on "Actuality, Truth and Truth-in" at California State University, Northridge, Calif., Feb. 24. He presented "Evil and Epistemic Probability" at the University of Dayton in Dayton, Ohio, March 2.

Juan M. Rivera, assistant professor of accountancy, presented the paper "Panama's Off-shore Banking and International Trade Patterns Before the Economic Collapse" at the annual international conference of the Business Association of Latin American Studies

held in Boca Raton, Fla., Feb. 15-18. He was a member of a panel presentation on Methodologies in Empirical Research at that conference.

Thomas J. Schlereth, professor of American studies, gave the Henry R. Luce Lecture Series titled "Art as Artifact" at the Metropolitan Museum of Art in New York, N.Y., Feb. 25-27.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, gave a lecture on Effective Training Techniques and was a faculty member for the NITA Florida Regional Program at the Nova University Center for the Study of Law, Fort Lauderdale, Fla., Feb. 15-17.

J. Eric Smithburn, professor of law, served as faculty coordinator and presented invited lectures on current evidentiary issues in family law, joint custody, prenuptial agreements, surrogate law, and palimony at the one-week program titled "Current Issues in Family Law" sponsored by the National Judicial College held in San Diego, Calif., Feb. 19-24. He delivered invited lectures on the law of competency, examination of child witnesses, hearsay, and the right of confrontation to South Carolina trial court judges at the South Carolina Judicial Conference, Charleston, S.C., Feb. 28.

Donald E. Sporleder, professor of architecture, met with the Examination Planning Council, National Council of Registration Boards, and the Architects Registration Examination Coordinators in Deer Valley, Park City, Utah, Feb. 5-8. The planning council made final plans for the administration of the examination in June to candidates for registration and continued planning to utilize computer administration and methodology in all divisions of the examination by 1992. Sporleder also served as Administrative Law Judge for the Indiana Board of Registration at Examination Appeal Hearings held in Indianapolis, Ind., Feb. 15.

Carl L. Stam, director of choral music, associate professional specialist, and concurrent assistant professor of music, presented two lecture/demonstrations at the National Convention of the

American Choral Directors Association at the Commonwealth Convention Center in Louisville, Ky., March 11. The presentation was titled "The Conductor's En-CHANT-ing Approach: The Plainsong as a Cornerstone for Poetic and Musical Interpretation" and was demonstrated by the Notre Dame Glee Club. Stam and the Glee Club were also honored by the invitation to present a feature concert for the entire convention in the Kentucky Center for the Arts, March 9. Stam serves as the American Choral Directors Association's National Chair for the Men's Chorus Committee on Repertoire and Standards.

Wilhelm F. Stoll, Duncan professor of mathematics, gave a colloquium talk "A Moving Target Defect Relation for Holomorphic Curves" at the University of Illinois at Urbana-Champaign, Ill., Feb. 9.

Boleslaw Boym Szczesniak, professor emeritus of history, did research in Italy from November through February. He studied in the Oriental Sections of manuscripts at the Bibliotheca Apostolica Vaticana and in the Medieval manuscripts at the Bibliotheca Medicea Laurenziana in Florence.

G.N.R. Tripathi, professional specialist in the Radiation Laboratory, presented the paper "Resonance Raman Study of the Prototype Radical Intermediates in Strongly Acidic Solutions" at the Pittsburgh Conference, Atlanta, Ga., March 6-10.

Rev. Oliver F. Williams, C.S.C., associate provost and associate professor of management, presented "The Ethics of Investments in South Africa" at the Sunnyside Presbyterian Church, South Bend, Ind., Feb. 5. He gave "Here's Where I Stand on Investments in South Africa" at the St. Edward's Hall Forum, Notre Dame, Ind., Feb. 23. He gave the talk "The Challenge of a Christian Vocation in the Marketplace" at Christ the King Parish, South Bend, Ind., Feb. 28. Williams presented "The Church and Capitalism: Friends or Foes?" to the Notre Dame Club of Philadelphia and St. Joseph University held in Philadelphia, Pa., March 2. He gave "Moral Responsibility and American Business" at the Business Ethics Symposium, University of Texas, San Antonio, Tex., March 9.

# documen- tation

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## recommendations requested for special university awards

Nominations are requested for the three special awards described below. Nomination letters should include reasons appropriate to the award as well as sufficient background material and/or documentation to support the candidate's nomination. Selection is based on the letter and materials submitted by the nominator. Nominations should be sent to Isabel Charles, associate provost, by Friday, April 14 to be forwarded to the selection committees. Award winners will be honored at the President's Dinner in May.

### Faculty Award

Established in the 1927-28 academic year by the Alumni Association, the Faculty Award singles out that faculty member who, in the opinion of his or her colleagues, has contributed outstanding service to the University of Notre Dame. Each year a selection committee, composed of prior winners and representing the Colleges and the Law School, studies the recommendations submitted by former recipients of this award, by the deans, and by individual faculty members, and selects a winner.

### Faculty Award Winners Since 1960

1959-60 Otto Bird  
1960-61 John Frederick  
1961-62 Milton Burton  
1962-63 Stephen Kertesz  
1963-64 Raymond Gutschick  
1964-65 Matthew Fitzsimons  
1965-66 Bernard D. Cullity  
1966-67 John Magee  
1967-68 Rev. Charles E. Sheedy, C.S.C.  
1968-69 Bernard Waldman  
1969-70 James Massey  
1970-71 Thomas Stritch  
1971-72 Ernest Sandeen  
1972-73 Rev. Ernan McMullin  
1973-74 Robert E. Rodes, Jr.  
1974-75 Herbert E. Sim  
1975-76 Ronald Weber  
1976-77 Walter Miller  
1977-78 J. Philip Gleason  
1978-79 K.T. Yang  
1979-80 Frederick J. Crosson  
1980-81 Jeremiah P. Freeman  
1981-82 Morris Pollard  
1982-83 James Kohn  
1983-84 John Malone  
1984-85 Rudy Bottei  
1985-86 Rev. David Burrell, C.S.C.  
1986-87 Paul Weinstein  
1987-88 Ray Powell



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#### Reinhold Niebuhr Award

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator 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. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the Colleges and Law School, Campus Ministry, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

#### Reinhold Niebuhr Award Winners Since 1973

1973 Msgr. John J. Egan  
1974 CILA (Community for the International Lay Apostolate)  
1975 George N. Shuster  
1976 Rev. Louis Putz, C.S.C.  
1977 Mr. and Mrs. Arthur Quigley  
1978 Thomas P. Broden  
1979 Rev. William Toohey, C.S.C.,  
1980 Rev. Don McNeill, C.S.C.  
1981 Charles K. Wilber  
1982 Kenneth and Penny Jameson  
1983 Julian Pleasants  
1984 John W. Houck and Oliver F. Williams, C.S.C.  
1985 James Sterba  
1986 John H. Yoder  
1987 Stephen Worland  
1988 Denis Goulet

#### Grenville Clark Award

On October 20, 1978, Father Hesburgh was one of three recipients of the Grenville Clark Prize, an award given every three years by the Grenville Clark Fund at Dartmouth College. Following the procedure established when he won the Reinhold Niebuhr award in 1972, Father Hesburgh donated the \$5,000 Clark stipend to the Notre Dame endowment to underwrite a cash prize of \$250 to be awarded each year. This award is made to a faculty member, administrator, or student whose voluntary activities serve to advance the cause of peace and human rights to which Grenville Clark devoted his extraordinary life of public service. The selection committee includes representatives from the Colleges and Law School, Campus Ministry, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

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Grenville Clark Award Winners Since 1979

1979 Peter Walshe  
1980 James and Mary Ann Roemer  
1981 Sr. Judith Ann Beattie, C.S.C.  
1982 Kenneth W. Milani  
1983 Peggy Roach  
1984 The Notre Dame Legal Aid and Defender Association  
1985 Cecil and Mary Mast  
1986 Rev. Robert F. Griffin, C.S.C.  
1987 Conrad Kellenberg  
1988 D'Arcy Chisholm and David Link

## minutes of the 227th graduate council meeting january 18, 1989

Dr. Robert E. Gordon, Council chairman, opened the meeting at 3:30 p.m. on January 18, 1989, in the Hayes-Healy Center Board Room. Rev. Ernest Bartell, C.S.C., Drs. Charles Craypo, Alejandro Foxley, Lawrence C. Marsh, and Robert E. Williamson attended the meeting at the invitation of the Council.

Members absent and excused: Dean Francis J. Castellino, represented by Dr. John G. Duman; Dean Yusaku Furuhashi, represented by Dr. C. Joseph Sequin; Acting Dean Nathan O. Hatch, represented by Dr. Roger B. Skurski; Drs. Kwan S. Kim, David K. O'Connor (on leave), Thomas J. Schlereth, Arvind Varma (on leave), John P. Welle (on leave), and David M. Klein (on leave); Mr. Victor J. Krebs.

### I. MINUTES OF THE 226TH MEETING

The minutes of the previous meeting were approved as circulated.

### II. PROPOSAL FOR THE M.A. PROGRAM IN SOCIAL SCIENCES IN SANTIAGO

The chairman said that the current proposal adds a new dimension to graduate studies at Notre Dame, namely an international off-campus graduate program. He said that it is traditional with the Graduate Council to have two readings for major proposals, the first reading to acquaint everyone with the general direction and explore possible additional information needed to give the proposal due consideration, and the second reading to take action on the matter. He introduced Fr. Bartell and Dr. Foxley to the Council, and invited Fr. Bartell to speak.

Fr. Bartell briefly described the political and academic setting of Chile. He said that the idea for the present proposal had started with an experimental one-week program administered by Kellogg and CIEPLAN in Santiago in 1986. This program had turned out to be an enormous success, and had been followed by other programs later in 1986 and in 1987. The continuing success of these programs had then led to requests for a more expanded and on-going program terminating in the award of a Notre Dame master's degree. He informed the Council that other American universities either have, or are considering, formal programs in Chile. But the program now before the Council was different and would not duplicate, or compete with, existing programs.

The design of the proposed curriculum was undertaken by people who are, or have been, on the faculty at Notre Dame, either as regular departmental faculty or as Visiting Fellows of the Kellogg Institute. The curriculum is that of a standard 30-hour master's program and is designed to meet Notre Dame Graduate School requirements. It can be completed in two semesters, and a summer for the thesis. The faculty of the program will be nominated by the Kellogg Institute and CIEPLAN, and appointed by the University of Notre Dame. Eligible for appointment consideration will be members of the original group who developed the proposed curriculum, and other prominent social scientists in Santiago who have had appointments in the Kellogg Institute or have been involved in Kellogg and CIEPLAN sponsored programs in Chile.

The program is interdisciplinary with an emphasis on political economy. While the location of the proposed program in the academic structure of the University can be further discussed, it is the inclination of its proponents that this program should reside neither with the department of Economics nor with the department of Government, but should stand as a separate unit. The Kellogg Institute will be responsible for its administration and for ensuring that its curriculum continue to meet Graduate School standards.

Financially, Fr. Bartell added, the program will have to depend in the initial stage on soft money support. This is not unusual of programs of this kind in Chile. The Kellogg Institute will have the task of raising funds for the program in the future. The provost has promised some seed money to help launch the program. The Ford Foundation in South America has expressed interest in the program.

Dr. Foxley followed Fr. Bartell to address the Council. He said that there is a strong group of 30 to 40 Ph.D. graduates of the U.S. with good research and publication records, several of whom having also been visiting faculty in the U.S. These people would satisfy any university's standards. These will be selected to form the core of the new program's faculty.

Dr. Foxley, next, briefed the Council on some features of Chilean higher education and said that the design of the program relates to the nature of this education. The program will be interdisciplinary and problem-oriented, and will focus on development and democracy in Latin America. The program will serve mainly two groups of students: graduates of professional schools who wish to pursue a terminal master's degree and then return to their vocations upon graduation, and other students planning to continue their doctoral studies later, in Chile or abroad.

Dr. Foxley said this is meant to be a Notre Dame program. He hoped to see some Notre Dame social science faculty spend their sabbatical time to do research and to teach in the program. He referred the Council to pages 3 through 6 of the proposal and briefly presented the list of courses to be offered in the first year. He reiterated that the 30-credit hour program can be completed in two semesters, followed by a three-month period for the thesis. A special short study session of two months may be added before the program begins for those who need it.

Following these presentations, the chairman opened the floor for comments and discussion. He himself began with a remark that the proposed budget did not provide for the participation of a Notre Dame faculty member and suggested that this item be added to the new budget. He further noted that the departments of Government and Economics may view this problem-oriented program as a good satellite program, but not one in the mainstream of their disciplines. Fr. Bartell expressed confidence, however, that the program will be able to enlist faculty participation from both departments. He said that the participating faculty will be invited to take part in policy-making decisions concerning the program. Judging from the quality of the students who had attended the earlier programs sponsored by the Kellogg Institute and CIEPLAN, Fr. Bartell believed that there is an abundant pool of excellent prospective applicants for the new program. He also felt that Notre Dame had not yet attracted the best students from Chile for its Ph.D. programs, and that the new program, once in place, would help Notre Dame accomplish this.

One member wondered whether the "ideological bias" of the program would entangle Notre Dame in political issues in Chile. Dr. Foxley assured the Council that the program will deal strictly with academic topics and that there will be no risk of that. In response to another question, Dr. Foxley explained the need for the program's focus on development. Another member suggested the inclusion of more South American sources in the course readings.

The discussion turned next to the proposed budget. Concern was expressed that it was a one-year budget. Fr. Bartell responded that this budget was for internal consideration only, and that proposals for external funding would include a multi-year budget. He added that if the program is successful, it is conceivable that fundraising for the program would be integrated into the University's general campaign. He confirmed that the proposed budget did not include "in kind" contributions from the Kellogg Institute and St. George's College.

The chairman suggested that the revised proposal include additional information such as a list of prospective faculty with curricula vitae, the composition and function of the administrative board, and a new budget that will provide for the participation of a regular faculty member in the program.

Although it was understood that no significant tuition income could be expected from the program, one member proposed that tuition rates be set and advertised nonetheless, since there could be some students with outside support who might be in a position to pay tuition.

Dr. Gordon invited Dr. Craypo, chairman of the department of Economics, to comment on the proposal. Dr. Craypo said that the program is consistent with the objectives of the Economics department, and that he sees no problems if individual faculty members in Economics wish to participate in the program and do research in Chile.

Dr. Gordon concluded the discussion of the proposal with an invitation to members to call him if they had further thoughts on the program. Fr. Bartell also expressed his wish to hear from the members. Fr. Bartell and Dr. Foxley then left the meeting.

### III. REVIEW OF THE DEPARTMENT OF ECONOMICS

The chairman asked Dr. Ketchum, chairman of the internal review committee, to present the highlights of his committee's report. Dr. Ketchum referred the Council to the six items on pages 1 and 2 of the report. Comments extracted from the review sum up the strengths and weaknesses identified in the review process:

1. The faculty is congenial, remarkably united in its commitment to the stated goals of the program, and is professionally active.

2. The department appears to be slow in recognizing the signals to move from the traditional emphasis on undergraduate teaching to the research mode. Faculty publications are not in the mainline journals.

3. The choice to specialize in labor and development makes good sense, but the third field of public policy is not well defined and lacks cohesion. Moreover, the department should probably offer more than three fields.

4. A foundation in traditional economic theory and methodology, an openness to alternative theories and approaches, and a commitment to social justice are the cornerstones of the graduate program in Economics.

5. In spite of its low ranking and meager resources for student support, the department has attracted good graduate students. This success is probably due both to the department's effective recruitment efforts and to the program's appeal based on its openness to alternative approaches and a commitment to social justice.

6. The faculty is stretched very thin and this may affect the quality of the undergraduate program. The faculty is well positioned to put new resources to good use and to develop a good graduate program.

Following Dr. Ketchum's presentation, Dr. Craypo was invited to make comments. He said that the internal review report has accurately reflected the points made by the external reviewers, but some of these points need to be put into context. He noted that the department is considering steps to expand the theory core of the curriculum through the addition of required courses that will introduce students to alternative economic theories and to methodologies which are included in field courses. Although no decision has been made, he thought that it may be preferable to strengthen the existing fields rather than to add new fields. He agreed that the public sector field needs redefinition and expansion. He informed the Council of the department's ongoing faculty exchange with Cambridge University and the benefits from such an exchange.

He assured the Council that his department was well aware of the University's interest in establishing international and national reputation and that the department has achieved some success in strengthening itself in the past several years. He said the department is committed to maintaining high internal standards in promotion and tenure. He concluded his comments with the hope that the department's efforts will be supported by the University and that new resources will become available, especially to allow for additional faculty appointment.

Dr. Roger Skurski said that the department has successfully carved out some areas of expertise and that the word has got around that we have a unique program in Economics at Notre Dame. He said he did not wish to see a change in the department's direction. The flip side, however, is that we differ from the mainline and that it is difficult for us to place our articles and our graduates.

Dr. Craypo reported that there are 91 graduate students in the program this year, of which 13 are first-year students. Six to seven Ph.D.s are produced a year. The department admits only students who are likely to stay in the program. He then addressed the publication issue. He recognized that only a few departmental publications had appeared in mainstream journals. Leading mainstream journals, he explained, are generally for theory and econometrics, while historically the focus of the department had been in the fields of specialization. The problem may be alleviated by creating a more balanced mix of faculty specialities between fields and theory.

In response to a question why there has not been more cooperation between the department of Economics and the College of Business Administration, Dr. Craypo said that there are some connections established between the two, but the fields of labor and development are not emphasized in business schools. He also said that cooperation is further restricted simply because of "geography, i.e. because we are not in the same building." Dr. Skurski said that our College of Business Administration is largely undergraduate-oriented and that it is also more applied.

Dr. Gordon said that the emphasis should not be on new resources only, but on a combination of both new resources and repositioning. He commended the department for its effective efforts in student recruitment and said that credit should go to Dr. Lawrence Marsh and the Economics faculty. He concluded the discussion of the review report and proposed the motion that the Graduate Council accept Condition B approval (i.e. "Approval of the program with recommendations for areas to be further developed and notation of areas of academic promise and excellence") and further, that it request a report in one year from the dean and department as to what specific measures the department will have taken that year with regard to the reviewers' recommendations. The motion was put to the vote and carried.

#### CHAIRMAN'S REMARKS

1. The chairman invited Drs. Lloyd H. Ketchum (chair), W. Robert Scheidt, and Thomas J. Schlereth to serve on the nominating committee for the Graduate Council election to be held in March.

2. As a result of the discussion at previous meetings, it was determined that the lowest passing grade will be "C," and that there will be no grade of "C-" or "D" for the Graduate School. The decision will become effective in the fall of 1989.

3. The chairman announced that in the next fiscal year the G.A. stipend will increase to \$7,200 and the University Fellowship stipends to \$7,700 for the first year and to \$7,300 for the dissertation year. On the other hand, the Arthur J. Schmitt Fellowship stipends will remain unchanged at \$7,200 for the first year and at \$6,600 for the dissertation year. Likewise, the University Minority Fellowship stipend and MacGuire Minority Fellowship stipend will continue at \$7,200.

4. Total enrollment in the Graduate School grew to 1502 in the Fall semester (+1.1%). This enrollment included 1245 degree students, 821 doctoral students, 424 master's students, 372 foreign students, and 45 minority students.

5. The department of English continues to serve a diminishing pool of foreign graduate students eligible to meet the foreign language requirement by taking the English examination for foreign students. The department has submitted a proposal to dispense with the written test as currently conducted. Instead, students will be allowed to submit papers that they have done for readers in their field (for example, a paper submitted in a course, or to a professional journal). These papers will be graded by the English department. The new method of evaluating these students will be effective in the Fall of 1989. Use of this option to meet the foreign language requirement is available only to foreign students admitted before June 1, 1988. Foreign students admitted later must qualify in some language other than English or in their native tongue if that is appropriate.

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6. The status of research funds is as follows:

Zahn Student Research Travel Fund: \$11,000 budgeted and \$720 in balance.

Jesse H. Jones Faculty Research Travel Fund: \$10,600 in balance.

Jesse H. Jones Faculty Research Seed Fund: Deadline for proposals was January 13.

Jesse H. Jones Faculty Equipment Fund: Deadline for proposals will be January 27.

7. Members were invited to contact Dr. Gordon within the next few days following the meeting, concerning the establishment of a committee to explore ways to introduce a teaching component into doctoral programs at Notre Dame, as charged by the provost.

V. OTHER BUSINESS

As there was no further business, the meeting was adjourned at 5:25 p.m.

## minutes of the university committee on libraries december 7, 1988

The meeting was called to order at 6 p.m. in the University Club by the chairman, Harvey Bender. Also in attendance were committee members JoAnn DellaNeve, John Lucey, Bill McDonald, Robert Miller, James Robinson, W. Robert Scheidt, and secretary Melodie Eiteljorge.

The minutes of the meeting of November 9 were approved as corrected.

Robert Miller reported that the campaign continues to go well for the Libraries. Funding is in place for an extensive collection of Penguin books and ephemeral materials.

James Robinson presented his draft on a proposed amendment to the University of Notre Dame "Academic Articles." This would provide a slot on the University Committee on Libraries for a library faculty member. The draft was accepted with slight revision and will be presented by the Committee to the Faculty Senate.

Robert Miller asked the committee to review its position on confidentiality of circulation and related records. Currently a borrower's name may be given to a member of the Notre Dame faculty, staff, or student body when there is an immediate need for a title. The committee agreed that this policy is appropriate within the Notre Dame community. Miller suggested doing a forum on the issue in the near future and reviewing the policy again in one year. Meanwhile, any problems concerning the current policy should be directed to him.

There being no further business, the meeting adjourned at 7:30 p.m. The next meeting will be Wednesday, January 11, 1989, at 4 p.m. in the Hesburgh Library 221 conference room (subsequently changed).

Respectfully submitted,

Melodie Eiteljorge  
Secretary

# advanced studies

## current publications and other scholarly works

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

### COLLEGE OF ARTS AND LETTERS

#### Art, Art History and Design

Kinsey, Douglas

M. Lynch and D. Kinsey. 1989. Poet,  
Monotype Artist. These Waves of Dying  
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York, New York. Cover and Pages 1, 11,  
21, 31, 41, 51, 61, 71, 81, 85.

D. Kinsey. 1989. Four Oil Paintings and  
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sance Ferrara: Matteo Da Milano.  
Bollettino Annuale Dei Musei Ferraresi  
15:61-74.

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the Free School of St. Bartholomew,  
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Newsletter 13(?):9-13.

#### Economics

Kim, Kwan S.

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tuto Tecnológico de Estudios Superiores  
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288 pp.

#### English

Orr, Leonard

L. Orr. 1988. Thinking and Poetry:  
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Neophilologica 60:207-214.

#### Freshman Writing Program

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C.J. Johnson. 1989. The Need to Recognize  
Black Achievement. Campus Update, Lake  
Michigan College February (Special Issue-  
Black History Month):12.

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Racist Society. Campus Update, Lake  
Michigan College February (Special Issue-  
Black History Month):10-11.

#### Music

Stam, Carl L.

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Glee Club Concert. St. Michael Church,  
Canton, Ohio.

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Glee Club Concert. Notre Dame Club of  
Columbus, Westerville North High School  
Auditorium, Columbus, Ohio.

C.L. Stam. 1989. Guest Conductor. A  
Festival of Male Voices (University of  
North Dakota Varsity Bands, South Dakota  
State University Statesmen, and 100 High  
School Honors Choir Singers). South  
Dakota State University, Brookings, South  
Dakota.

#### Philosophy

McMullin, Ernan

E. McMullin. 1989. A Common Quest for  
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Biology and Philosophy 4:97-105.

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A.L. Goddu. 1988. Review of Hans Blumenberg. The Genesis of the Copernican World. Tr. Romert M. Wallace. (Cambridge, Mass.: MIT Press, 1987). Isis 79:727-728.
- Smith, Janet E.  
J.E. Smith. 1988. The Introduction to the Vatican Instruction. Pages 13-28 in, Reproductive Technologies Marriage, Marriage, and the Church. The Pope John Center, Braintree, Massachusetts.

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- Christiansen, SJ, Andrew J.  
A.J. Christiansen, SJ. 1989. Sacrament of Unity: Ethical Issues in Pastoral Care of Migrants and Refugees. Pages 81-114 in, Today's Immigrants and Refugees: A Christian Understanding. United States Catholic Conference, Washington, D.C.
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A.Y. Collins. 1988. Review of Robert Alter and Frank Kermode, eds., The Literary Guide to the Bible. Cithara 28:45-46.
- Collins, Adela Y.  
A.Y. Collins. 1988. Oppression from Without: The Symbolisation of Rome as Evil in Early Christianity. Truth and Its Victims. Concilium 200:66-74.
- McCormick, SJ, Richard A.  
R.A. McCormick, SJ. 1988. Intensive Care for Handicapped Babies. Pages 217-225 in, Ciaco, ed., Human Life: Its Beginnings and Development. L'Harmattan, Paris, France.
- R.A. McCormick, SJ. 1988. Moral Theology in the Year 2000: Reverie or Reality-The 1988 Nash Lecture. Campion College, University of Regina, Regina, Saskatchewan, Canada. 20 pp.
- R.A. McCormick, SJ. 1988. Searching for the Consistent Ethic of Life. Pages 135-146 in, J.A. Selling, ed., Personalist Morals. Leuven University Press, Leuven, Belgium.
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Spurious Dates of Foundation of Some Early Universities. Pages 601-626 in, Fälschungen im Mittelalter. Monumenta Germaniae Historica. Schriften. Band 33,1, Hannover, Federal Republic of Germany.

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- Boyd, Sunny K.  
S.K. Tripp and F.L. Moore. 1988. Autoradiographic Characterization of Binding Sites Labelled with Vasopressin in the Brain of a Urodele Amphibian. Neuroendocrinology 48:87-92.
- Craig, Jr., George B.  
See under Hawley, William A. 1988. Heredity 61:439-446.
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W.C. Black IV, W.A. Hawley, K.S. Rai and G.B. Craig, Jr. 1988. Breeding Structure of a Colonizing Species: Aedes albopictus (Skuse) in Peninsular Malaysia and Borneo. Heredity 61:439-446.
- Rai, Karamjit S.  
See under Hawley, William A. 1988. Heredity 61:439-446.

Chemistry

- Miller, Marvin J.  
S.K. Sharma, M.J. Miller and S.M. Payne. 1989. Spermexatin and Spermexatol: New Synthetic Spermidine-Based Siderophore Analogues. Journal of Medicinal Chemistry 32:357-367.
- Thomas, J. Kerry  
X. Liu and J.K. Thomas. 1989. Formation and Photophysical Properties of CdS in Zeolites with Cages and Channels. Langmuir 5:58-66.

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- Biswas, Nripendra N.  
A.T. Goshaw, et al., S. Banerjee, P.D. Beery, N.N. Biswas, V.P. Kenney, J.M. LoSecco, A.P. McManus, J. Piekartz, S.R. Stampke (Duke-Fermilab-Iowa State-Notre Dame) and Purdue-Wisconsin Collaboration. 1989. Transverse Momentum Spectrum of Charged Particles Produced in pp Collisions at the Square root of s = 1.8 TeV. Pages 69-73 in, J.T.T. Van, ed., Current Issues in Hadron Physics (Moriond). Editions Frontieres, Les Arcs, France.
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W.D. McGlinn, N. Gorman, L. O'Riada and D. Williams. 1988. On the Galilean Structure of the Weyl Group for Affine Kac-Moody Algebras. Pages 42-52 in, H.D. Doebner, J.P. Hennig and T.P. Palev, eds., Infinite-Dimensional Lie Algebras and Quantum Field Theory - Proceedings at the Varma Summer School, 1987. World Scientific, Singapore, Singapore.

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Ren, Shang-yuan

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Stampke, Stuart R.

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Wiescher, Michael C.F.

H.J. Haubold, J.P. Mucket and M.C.F. Wiescher. 1988. Kernastrophysik. Die Sterne 64(5):270-281.

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##### Chemical Engineering

Leighton, Jr., David T.

D.T. Leighton, Jr., and M.J. McCreedy. 1988. Shear Enhanced Transport in Oscillatory Liquid Membranes. AIChE Journal 34(10):1709-1712.

McCreedy, Mark J.

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##### Electrical and Computer Engineering

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A.N. Michel, J.A. Farrell and W. Porod. 1989. Qualitative Analysis of Neural Networks. IEEE Transactions on Circuits and Systems 36(2):229-243.

Porod, Wolfgang

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#### COLLEGE OF BUSINESS ADMINISTRATION

##### Accountancy

Mendenhall, Richard R.

R.R. Mendenhall and W.D. Nichols. 1988. Bad News and Differential Market Reactions to Announcements of Earlier-Quarters Versus Fourth-Quarter Earnings. Journal of Accounting Research 26:63-86.

Nichols, William D.

See under Mendenhall, Richard R. 1988. Journal of Accounting Research 26:63-86.

##### Management

Radzicki, Michael J.

M.J. Radzicki. 1988. A Note on Kelsey's 'The Economics of Chaos or the Chaos of Economics'. Oxford Economic Papers 40(4):692-693.

Vecchio, Robert P.

R.P. Vecchio. 1989. Review of The Meaning of Working by P. Drenth, et al. Journal of Organizational Behavior 10:97-100.

#### LAW SCHOOL

Kmiec, Douglas W.

D.W. Kmiec. 1988. The Original Understanding of the Taking Clause Is Neither Weak Nor Obtuse. Columbia Law Review 88:1630-1666.

D.W. Kmiec. 1988. Judicial Deference to Executive Agencies and the Decline of the Nondelegation Doctrine. Administrative Law Journal 2:269-290.

Seckinger, James H.

J.H. Seckinger. 1989. Curriculum for Advanced Trial Advocacy Skills Program for the New Zealand Law Society. National Institute for Trial Advocacy, Notre Dame, Indiana. 59 pp.

J.H. Seckinger. 1989. Curriculum for Developing Deposition Skills. National Institute for Trial Advocacy, Notre Dame, Indiana. 104 pp.

Shaffer, Thomas L.

T.L. Shaffer. 1989. Review of Four Recent Books on Narrative. American Journal of Jurisprudence 33:241-250.

#### O'NEILL CHAIR IN EDUCATION FOR JUSTICE

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Goulet, Denis A.

D.A. Goulet and K.S. Kim. 1989. Estrategias de Desarrollo para el Futuro de Mexico (Development Strategies for the

Future of Mexico). Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO). Guadalajara, Mexico. 288 pp.

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E.F. Lauer. 1988. Review/Article on Dennis P. McCann, *New Experiment in Democracy* (Kansas City: Sheed & Ward, 1987). *Social Thought* 14(4):60-61.

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Ferraudi, Guillermo J.

B. Kraut and G.J. Ferraudi. 1989. Photochemical Reactivity in Molybdenum Clusters: Competition Between Photosubstitution and Phosphorescence in  $\text{Mo}_6\text{Cl}_{14}^{2-}$ . *Inorganica Chimica Acta* 156: 7-8.

Gopidas, Karical R.

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JACQUES MARITAIN CENTER

McInerny, Ralph M.

R.M. McInerny. 1989. Foreword. Pages xi-xii in, Larry Azar's, *Man, Computer, Ape, or Angel?* Christopher Publishing House, Hanover, Massachusetts.

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## awards received

IN THE PERIOD FEBRUARY 1, 1989 THROUGH FEBRUARY 28, 1989

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Aerospace Mech. Eng.	Atassi	Nonuniform Flows and Noise Radiation of Turboprops	NASA - Lewis Research Ctr.	55,936 12
Biological Sciences	Martin	Stem Cell Differentiation	Natl. Sci. Fdtn.	4,000 12
Chemistry	Thomas	Metal Deposition Mechanisms in Laser Chemical Vapor Deposition	Intl. Business Machines	74,866 12
Elect. Comp. Eng.	Berry	Thin Film Modules Studies	Solar Energy Research Inst.	25,000 13
English	Rathburn	Shakespeare in Performance	Lilly Endow., Inc.	5,000 4
Government Intl. Stud.	Walshe	Prophetic Christianity/Search for Justice/Peace in S. Africa	J.D. and C.T. MacArthur Fdtn	55,515 12
Jacques Maritain Cent.	McInerny	Summer Institute in the Fundamentals of the Catholic Faith	Our Sunday Visitor, Inc.	24,400 10
Mathematics	Sommese	Transcendental Algebraic Geometry	Natl. Sci. Fdtn.	30,700 12
Mod. Class. Languages	Delgado-Gomez	The Shaping of Americas (1492-1700)	Lilly Endow., Inc.	5,000 4
Physics	Johnson, Sapirstein	Weak Interactions in Heavy Atoms	Natl. Sci. Fdtn.	4,800 12

Physics	LoSecco	Non-Accelerator High Energy Physics	Dept. Energy	150,000 12
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AWARDS FOR FACILITIES AND EQUIPMENT

Elect. Comp. Eng.	Bernstein	Thermochuck and Display Terminal	Intl. Business Machines	380,144 12
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AWARDS FOR SERVICE PROGRAMS

Cent. Social Concerns	McNeill	Center for Social Concerns	Various Others	14 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy	Various Others	663 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	Various Others	621 1
Cent. Cont. Form. Min.	Pelton	Notre Dame Center for Continuing Formation in Ministry	Various Others	19,950 1
Inst. Past. Soc. Min.	Pelton	IPSM Parish Study - Phase III	Various Others	507 1
Inst. Past. Soc. Min.	Pelton	Institute for Pastoral and Social Ministry	Various Others	125 1
Inst. Past. Soc. Min.	Pelton	IPSM Media Ministry	Various Others	2 1
Prog. Church Leaders	Kelly	Programs for Church Leaders	Various Others	13,826 1

## proposals submitted

IN THE PERIOD FEBRUARY 1, 1989 THROUGH FEBRUARY 28, 1989

<u>Department or Office</u>	<u>Principal</u>	<u>Short Title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
Aerospace Mech. Eng.	Sen	Study of Enhanced Boiling Surfaces for Energy Conservation	Resources for the Future	34,353 12
Aerospace Mech. Eng.	Mueller, Dunn	Rotors with Variable Flow Conditions	Dept. Navy	196,164 24
Biological Sciences	Saz	Intermediary Metabolism of Helminths	Natl. Inst. Health	246,307 12
Biological Sciences	Goetz	Steroid-Induced PGF Synthesis at Ovulation	Dept. Agriculture	273,862 36
Biological Sciences	Fraser	Transposon Mutagenesis of NPV	Natl. Inst. Health	171,909 12
Cent. Bioeng. Pollution Cnt.	Irvine, et. al.	ERC	Natl. Sci. Fdtn.	12,521,193 60
Civil Eng.	Morse-Fortier	Revision of Undergraduate Structures Curriculum	Natl. Sci. Fdtn.	254,996 24
Chemistry	Basu, Basu	I/i Glycolipid Biosynthesis in Lymphomas and Carcinomas	Natl. Inst. Health	187,110 12
Chemistry	Macor	Electrocatalytic Models of Cytochrome P450	Duquesne Univ. Schl. Pharmacy	11,786 12
Chemistry	Pasto	A Theoretical Study of Organic High-Energy	Natl. Cent. Supercomputing	0* 12

Chemistry	Thomas	Reactions in Organized and Constructed Media	Natl. Sci. Fdtn.	660,096 36
Communication Theatre	Falkenberg	"Desert Slacks"	Indiana Arts Commission	4,125 12
Elect. Comp. Eng.	Uhran, Henry	Design/Research Curriculum and Resource Center	Natl. Sci. Fdtn.	421,080 36
Elect. Comp. Eng.	Liu, Huang	Identification of Neuronal Firing Patterns of EEG Signals	DARPA	339,163 24
Elect. Comp. Eng.	Costello	Bandwidth Coding Techniques for Space Communication	NASA - Goddard Space Flight	170,614 24
Government Intl. Stud.	Marilley	Susan B. Anthony Fellowship	Univ. Rochester	40,144 12
Materials Sci. Eng.	Alcock	Databank for Conductive Oxides	Natl. Inst. Stds. & Tech.	37,709 12
Physics	Ruggiero	Single-Electron Charging Effects	Dept. Energy	65,000 12
Physics	Browne, Darden, Garg, Kolata, Wiescher	Nuclear Structure Research Budget for 2nd Year	Natl. Sci. Fdtn.	464,286 12
Physics	Kolata, Garg, Darden	Nuclear Reaction and Structure Studies with Heavy Ions	Natl. Sci. Fdtn.	244,380 12
Chemistry	Castellino	Structure-Function Studies on Plasminogen and Plasmin	Natl. Inst. Health	259,739 12
Chemistry	Castellino	Structure-Function Studies on Plasminogen and Plasmin	Natl. Inst. Health	360,201 12

PROPOSALS FOR FACILITIES AND EQUIPMENT

Chemistry	Nowak	Small Instrumentation Program	Natl. Inst. Health	24,782 12
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PROPOSALS FOR SERVICE PROGRAMS

Cent. Educ. Oppor.	Outlaw, Smith	JTP Summer Youth Employment Program (SYEP)	St Joe Cty Job Training Prog	20,830 4
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PROPOSALS FOR OTHER PROGRAMS

Aerospace Mech. Eng.	Sen	Scientific Visit to Mexico	Natl. Sci. Fdtn.	2,841 1
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Music	Leahy	Music of the Invitatory: Old Roman and Gregorian	Natl. Endow. Humanities	750 6
Philosophy	Flint	Philosophical Theology and Biblical Exegesis	Natl. Endow. Humanities	22,885 5

\*Supercomputing Time.

## summary of awards received and proposals submitted

IN THE PERIOD FEBRUARY 1, 1989 THROUGH FEBRUARY 28, 1989

### AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	316,302	6	118,915	11	435,217
Facilities and Equipment	0	0	1	380,144	1	380,144
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	8	35,708	8	35,708
Other Programs	0	0	0	0	0	0
Total	5	316,302	15	534,767	20	851,069

### PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	10	2,829,642	12	14,134,575	22	16,964,217
Facilities and Equipment	0	0	1	24,782	1	24,782
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	1	20,830	1	20,830
Other Programs	0	0	3	26,476	3	26,476
Total	10	2,829,642	17	14,206,663	27	17,036,305

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## **notre dame report**

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