



Notre Dame

R E P O R T

Contents:

March 20, 1992

The University

- 321 *Black and DeCrane Elected to Board of Trustees*
- 321 *Contributions Exceed \$46 Million*
- 321 *Cap and Gown Measurements*
- 322 *Endowment Ranks 16th*
- 322 *Coca-Cola Minority Faculty Fellowships Awarded*
- 322 *NBC Contract Proceeds to Be Directed to Doctoral Fellowships*

Faculty Notes

- 323 *Faculty Appointments*
- 323 *Faculty Honors*
- 323 *Faculty Activities*

Documentation

- 326 *Honorary Degrees*
- 328 *Smoking Policy*
- 330 *University Committee on Libraries*
January 20, 1992
- 330 *Rev. Paul J. Foik, C.S.C., Award*

The Graduate School

- 331 *Current Publications and Other Scholarly Works*

Black and DeCrane Elected to Board of Trustees

Cathleen P. Black, president and chief executive officer of the American Newspaper Publishers Association, and Alfred C. DeCrane Jr., chairman of the board of Texaco Inc., were elected to the Board of Trustees.

Formerly the publisher of *USA Today*, Black became president and CEO of the 1,400 member ANPA last June. The association represents the interests of most of the daily newspapers in the United States and Canada. Black, a 1966 graduate of Trinity College in Washington, D.C., was appointed president of *USA Today* in 1983 and publisher a year later. She also served as executive vice president of marketing for Gannett Co., Inc., the newspaper's parent company.

A native of Chicago, Black began her career on the advertising sales staffs of *Holiday*, *Travel & Leisure* and *New York* magazines. She went on to become advertising manager and associate publisher of *Ms.* magazine, then returned to *New York* magazine as associate publisher and publisher, the first woman to be the publisher of a weekly consumer magazine. She serves on the board of directors of the Coca-Cola Company, the board of regents of Trinity College and the board of governors of the United Way.

DeCrane, a 1953 Notre Dame graduate, joined Texaco as an attorney soon after earning a law degree in 1959 from Georgetown University. He rose through the ranks at Texaco, serving as assistant to the vice chairman of the board, assistant to the chairman of the board and general manager and vice president of the Producing Department/Eastern Hemisphere.

In 1976 DeCrane became senior vice president and general counsel for Texaco Inc. and a year later was elected to the board of directors. He was named executive vice president and joined the board's executive committee in 1978 and five years later became president of the company. In October 1986 he was elected board chairman.

Last June DeCrane became chairman of Notre Dame's Edward Frederick Sorin Society, an organization comprised of alumni and other benefactors who contribute \$1,000 or more annually in unrestricted gifts. He also serves as a director for CIGNA Corp., is a trustee of the Committee for Economic Development and, before his election to the board of trustees, was a member of the advisory council for the College of Arts and Letters.

Contributions Exceed \$46 Million

Cash contributions to the University exceeded \$46 million in fiscal year 1991. The total does not include pledges of future gifts but does include contributions made to "Strategic Moment," the capital campaign that ended in December 1990.

The cash contributions for 1991 included record levels in the Annual Fund, Sorin Society and matching-gifts program. The Annual Fund, in its 48th year, raised \$11.2 million, an increase of \$400,000 over 1990's record level. The number of gifts received, 48,044 was also a record. The flagship of the Annual Fund, the Sorin Society, enrolled 600 new members in 1991 and raised \$4.8 million. Members of the Sorin Society contribute a minimum of \$1,000 annually in unrestricted gifts. Notre Dame's matching-gifts program generated \$2.45 million, an increase of 2.1 percent from 1990 and the third highest total among U.S. colleges and universities.

Foundation and corporate support totaled \$19.2 million, a 4 percent increase over the previous year and second only to the \$20.8 million raised in 1988. Planned Giving commitments totaled \$15.3 million in fiscal 1991. The Badin Guild, established for benefactors who include Notre Dame in their estates, now includes 385 members with planned gift expectancies of more than \$94 million.

Cap and Gown Measurements

Measurements for academic garb for the May 1992 Commencement Exercises will be taken on Tuesday and Wednesday, March 31 and April 1, 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 \$24, the cap and gown is \$13, and the doctoral hood is \$11. 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 \$67. The cap, gown and hood for the master degree is \$22, the cap and gown is \$12, and the master hood is \$10.

Endowment Ranks 16th

Notre Dame's endowment ranks 16th among America's colleges and universities and remains first among U.S. Catholic universities, according to the annual survey conducted by the National Association of College and University Business Officers.

Notre Dame and all other schools ranked below the Texas A&M University system fell one place in the latest survey. Texas A&M was ranked number seven in 1990 but did not participate in last year's report, in which Notre Dame was listed 15th. Texas A&M returned to the survey this year at number nine.

The Notre Dame endowment grew from \$605.6 million on June 30, 1990, to \$637.2 million on June 30, 1991, the filing date for the current NACUBO report.

Second to Notre Dame among Catholic institutions of higher learning is Loyola University of Chicago in 37th place with an endowment of \$338.4 million. Among Indiana schools, Purdue University is second to Notre Dame at number 73 with an endowment of \$181.7 million.

Ranked first among the 395 institutions in the report is Harvard University with an endowment of \$4.7 billion. The other schools ahead of Notre Dame, in order, are: the University of Texas system; Princeton, Yale, Stanford, Columbia and Washington Universities; the Massachusetts Institute of Technology; Texas A&M; Emory and Rice Universities; the University of Chicago; Northwestern and Cornell Universities; and the University of Pennsylvania.

Coca-Cola Minority Faculty Fellowships Awarded

The Graduate School has awarded Coca-Cola Minority Faculty Fellowships for 1992-93 to Charmaine McKissick-Kemp and Rev. Joy Browne.

In conjunction with 50 historically black colleges and universities, Notre Dame offers the fellowships in an effort to enhance and strengthen the pool of minority teachers and researchers in higher education.

The fellowships are available for one semester or a semester and a summer. They include housing plus a stipend of \$16,000 for the semester and \$4,000 for the summer. Recipients are required to teach one course or seminar at Notre Dame while pursuing research in a Graduate School degree program.

McKissick-Kemp, chair of the department of mass communication, speech and theater at Bennett College in Greensboro, N.C., will finish the autobiography of her late father, Judge Floyd B. McKissick, during the summer and fall of this year. She also will offer a course on modern civil rights.

Browne is a lecturer in religion and the assistant minister at Spelman College in Atlanta. While at Notre Dame in the spring and summer of 1993, she will continue work on her doctorate and teach a course on African-American perspectives on religion.

Established in 1991, the minority faculty fellowship program is one of several steps taken by Notre Dame and the Coca-Cola Foundation to increase minority representation in the academy. The foundation also supports the University's programs to establish faculty exchange agreements with historically black colleges and universities, to increase minority representation on the faculty, and to encourage and facilitate graduate education for minority students.

NBC Contract Proceeds to Be Directed to Doctoral Fellowships

The University will commit \$1 million a year for the next five years from the proceeds of its television contract with NBC to endow doctoral fellowships in its Graduate School.

Notre Dame's doctoral programs have become increasingly capable of competing with the best programs for the best students, but if the Graduate School is to be successful in this competition, it must be able to offer competitive fellowships.

Through its four divisions — humanities, social sciences, science and engineering — the Graduate School offers 36 master's and 23 doctoral degrees. During the 1990-91 academic year, 76 percent of Notre Dame's approximately 1,400 graduate students received aid in the form of fellowships, assistantships and tuition scholarships.

The new fellowships are a part of Notre Dame's previously announced plan to devote the bulk of the proceeds from its contract with NBC to undergraduate and graduate financial aid endowment.

Faculty Notes

Appointments

Peter J. Lombardo Jr., associate director of the Center for Continuing Education, has been appointed director of the center. A native of Stamford, Conn., Lombardo has been a member of the faculty since 1980. He was graduated from Holy Cross College in Worcester, Mass., in 1964 and obtained a master's degree in history from Fordham University four years later. He received a doctoral degree in history from Notre Dame in 1979. He has taught history and literature courses and served in the University archives. He is a member of the Organization of American Historians and of the National University Continuing Education Association.

Honors

Rev. Nicholas Ayo, C.S.C., associate professor in the Program of Liberal Studies, has had his book *Creed as Symbol* chosen by the Catholic Commission on Intellectual and Cultural Affairs as its Lenten Book Selection. *The Lord's Prayer* was chosen by the Clergy Book Service as its March Book Club Selection.

Rev. Mark J. Fitzgerald, C.S.C., professor emeritus of economics, received the director's award for Outstanding Achievement in Industrial Relations from the Federal Mediation and Conciliation Service in South Bend, Ind., Feb. 24.

Nathan O. Hatch, vice president for graduate studies and research and professor of history, has been elected president of the American Society of Church History for the year 1993. His presidential address will be given at the meeting of the society, held jointly with the American Historical Association, in December 1993.

Douglas W. Kmiec, professor of law, has been named by the American Bar Association to be the contributing editor for constitutional law for the ABA's publication *Preview of Supreme Court Cases*.

James P. Kohn, assistant chair and professor of chemical engineering, has been named a fellow of the American Institute of Chemical Engineers. He was cited for his expertise as an educator and researcher in high pressure thermodynamics.

Frank K. Reilly, Hank professor of business administration, was appointed to the board of editors for *The Financial Review* and *International Review of Economics and Finance*.

Eugene Ulrich, professor of theology, has been invited to become the general editor of the *Catholic Biblical Quarterly*. He has been invited as a research fellow at the Annenberg Research Institute in Philadelphia, Pa., for 1992-93.

Activities

Craig Adcock, professor of art, art history and design, presented "Truth and Beauty/Beauty and Truth: Aesthetics and Epistemology in Art and Science" at the annual meeting of the American Association for the Advancement of Science in Chicago, Ill., Feb. 8.

Thomas M. Barkes, assistant professional specialist in communication and theatre, served as a judge for the Joffrey Ballet School Chicago auditions in Chicago, Ill., Feb. 2. Auditioners vied for scholarships and placement at the Joffrey Ballet School in New York, N.Y.

Thomas P. Bergin, former director of the Center for Continuing Education and professor of management, was one of 30 deans invited to participate in the Smithsonian Resident Associate Program "America's Role in an Uncertain World" hosted by ambassadors from Austria, Israel, India, Poland and Canada, all of which were held at their various embassies, Feb. 5-7.

Robert W. Brandt, professional specialist in architecture, held a one-man exhibit of sculptural furniture titled "Studio Furniture" at the Tennessee Technological University's Appalachian Center for Crafts in Smithville, Tenn., Jan. 13-Feb. 27.

Richard G. Carlton, assistant professor of biological sciences, chaired a session titled "Microbial Consortia Investigated by Molecular and Microsensor Approaches" and presented a paper titled "Practical Considerations for in situ Use of Microelectrodes in Marine and Freshwater Environments" at the national meeting of the American Society of Limnology and Oceanography in Santa Fe, N.Mex., Feb. 8-14.

Sr. Regina A. Coll, C.S.J., associate professional specialist and director of field education in theology, presented "A New Look at Women in Scripture" at Sunnyside Presbyterian Church in South Bend, Ind., Feb. 9.

George B. Craig Jr., Clark professor of biological sciences, presented a paper titled "Application of Egg Separation Techniques to Floodwater Mosquitoes in the Upper Peninsula" at the annual meeting of the Michigan Mosquito Control Association in Ann Arbor, Mich., Feb. 6-7.

Dennis P. Doordan, associate professor of architecture, moderated a panel discussion on the topic "American Identities in Contemporary Architecture" sponsored by the Chicago Architectural Club in Chicago, Ill., Feb. 18.

Faculty Notes

Alan Dowty, professor of government and international studies, spoke at a seminar on "Breakthrough in the Middle East: Obstacles and Opportunities" sponsored by the College Mennonite Church Peace Committee and Goshen College Peace Studies, College Mennonite Church, in Goshen, Ind., Feb. 29.

Richard W. Fessenden, professor of chemistry and biochemistry and associate director of the Radiation Laboratory, presented the paper "ESR Behavior of Electrons Produced by Photoionization" at the fourth winter conference of the Inter-American Photochemical Society in Clearwater Beach, Fla., Jan. 1-5.

Gregory I. Gellene, assistant professor of chemistry and biochemistry, presented a talk titled "Symmetry Restrictions in Biomolecular Reactions: A New Kinetic Isotope Effect" at George Washington University in Washington, D.C., Feb. 21.

Benedict F. Giamo, assistant professor of American studies, served as a commentator for a panel discussion on "Art, Morality, Journalism: Do They Mix?" covering these issues in the context of the exhibition "Stories from Salvador, Photographs by Steve Moriarty" at the Snite Museum of Art, University of Notre Dame, Notre Dame, Ind., Nov. 21. He was interviewed by Paula Schroeder on Minnesota Public Radio on the topic of homelessness, Dec. 20. He led a "Read and Respond Group" for members of the Life Renewal Program at the Hope Rescue Mission in South Bend, Ind., Oct. 31.-Feb. 27. The basis for the discussion was William Kennedy's novel, *Ironweed*.

Bei Hu, assistant professor of mathematics, gave an invited colloquium talk "A Free Boundary Problem Arising from Electrophotography" at the Department of Mathematics at Northern Illinois University in DeKalb, Ill., Jan. 31.

Catherine Mowry LaCugna, associate professor of theology, presented the M.A. Colloquium on Systematic Theology at the University of Notre Dame, Notre Dame, Ind., March 18.

David M. Lodge, assistant professor of biological sciences, presented the invited poster "Plant Choice and Impact of Grazers on Freshwater Macrophytes" at the annual meeting of the American Society of Limnology and Oceanography in Santa Fe, N.Mex., Feb. 7-15.

Michele M. Martin, assistant professional specialist in the Freshman Year of Studies, presented the paper titled "Overcoming the Hidden Agenda: Parental Pressure" at the annual meeting of the Freshman Year Experience at the University of South Carolina in Columbia, S.C., Feb. 21-25.

Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor of theology, presented the William L. Rossner Visiting Scholar Lecture titled "The Future of the Church: Looking Toward the 21st Century" at Rockhurst College in Kansas City, Mo., Jan. 23. He gave the Kurt Reinhardt Lecture "Faith, Theology, and Doctrine: How Are They Related?" at Stanford University in Palo Alto, Calif., Feb. 11.

Paul McGinn, assistant professor of electrical engineering, attended a meeting of the Midwest Superconductivity Consortium (MISCON) Program Committee at Ohio State University in Columbus, Ohio, Jan. 22. He served as chairman of the Phase Relations Synthesis and Processing Group at the MISCON Group meeting and presented the talk "Annealing Effects on the Magnetization of Zone Melt Textured $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$," Jan. 23.

Ralph M. McInerney, Grace professor of medieval studies, director of the Maritain Center and professor of philosophy, lectured on "Free Inquiry vs. Advocacy in the Classroom" at Hillsdale College in Hillsdale, Mich., Feb. 11. He presented "Newman and the Faithfulness of Christianity" and "Natural Religion and Christianity" at Saint Paul's Newman Center in Wichita, Kans., Feb. 21-22.

Kevin M. Misiewicz, assistant chairman and associate professor of accountancy, gave a series of three interviews on WNDU-TV evening news on "Employee Business Expenses," Jan. 22; "Deductible Interest," Feb. 12; and "Deductible Taxes," Feb. 19. He gave the presentation "Tax Paying and Planning" as part of the workshops on "Understanding and Managing Family Resources" at the University of Notre Dame, Notre Dame, Ind., Feb. 12. He gave the presentation "Electronic Research in Tax Education" at the 1992 American Taxation Association Mid-Year Meeting in Denver, Colo., Feb. 21.

Michael C. Mossing, assistant professor of biological sciences, presented a talk on "Structure and Stability of Monomeric Variants of the Lambda Cro Repressor" at the Biophysical Society annual meeting in Houston, Tex., Feb. 10-13.

Clive R. Neal, assistant professor of civil engineering and geological sciences, presented "The Petrogenesis of Apollo 12 Mare Basalts, Part 1: The Lumpers versus the Splitters," "The Petrogenesis of Apollo 12 Mare Basalts, Part 2: Identification of Distinct Olivine and Pigeonite Suites, and Open-System Evolution," "The Recognition of Monomict and Polymict Gasts from Apollo 17 Brecias" and "Combined Equilibrium and Fractional Crystallization of a Magma Ocean and Formation of the Upper Mantle of the Moon" at the 23rd Lunar and Planetary Science Conference at the Johnson Space Center in Houston, Tex., March 16-20.

Faculty Notes

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, presented "Our Lady of Guadalupe" on a Channel 46 television broadcast, Dec. 8. He preached at a retreat to Knights of the Immaculata at Marytown in Libertyville, Ill., Jan. 25-27. He presented "Naturalistic Humanism" on the Channel 46 television broadcast, Jan. 26. He recorded a radio message on Medjugorje for Paulist Press, Feb. 11.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, presented a review seminar on prostate cancer for the staff of the University of Pittsburgh Cancer Institute in Pittsburgh, Pa., Feb. 19.

Wolfgang Porod, associate professor of electrical engineering, co-authored the poster paper titled "Lateral p-n Junction Between Quasi Two-dimensional Electron and Hole Systems" at Corrugated GaAs/AlGaAs interfaces with H.K. Harbury and S.M. Goodnick which was presented at the international conference on the Physics and Chemistry of Semiconductor Interfaces in Death Valley, Calif., Jan. 28-30.

Dean A. Porter, associate professor of art, art history and design and director of the Snite Museum of Art, presented the lecture "Victor Higgins: An American Master" at the Gene Autry Western Heritage Museum in Los Angeles, Calif., Feb. 1. He chaired the University Art Museum Directors' meeting of the Association of Art Museum Directors in Fort Worth, Tex., Feb. 5.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, served as program coordinator and a faculty member for the NITA/O'Melveny & Myers Law Firm Trial Advocacy Program in Los Angeles, Calif., Feb. 5, 7-8. He gave a lecture to the faculty on Effective Teaching Techniques. He gave a presentation on the NITA Teaching Method at the ICLE Advocacy Institute in San Francisco, Calif., Feb. 6.

Mei-Chi Shaw, associate professor of mathematics, gave an invited colloquium talk titled "Local Solvability and Estimates for the Tangential Cauchy-Riemann Operators" at the Department of Mathematics at the State University of New York at Albany, N.Y., Feb. 21.

Gregory E. Sterling, assistant professor of theology, presented the paper "The Bond of Humanity: Friendship in Philo of Alexandria" for the Hellenistic Moral Philosophy and Early Christianity Consultation and presided at the Philo of Alexandria Seminar of the Society of Biblical Literature at the annual national meeting held in Kansas City, Mo., Nov. 24. He served on a panel discussion of "Time Immemorial: Archiac History and its Sources in Christian Chronography from Julius Africanus to George Syncellus" by William Adler for the Pseudepigrapha Group of the Society of Biblical Literature at that meeting, Nov. 26. He pre-

sented the paper "The Earliest Jerusalem Community: A Religious-Philosophical Group of the Hellenistic World (An Analysis of Acts 2:42-47; 4:32-35; 5:12-16)" to the Midwest Region of the Society of Biblical Literature's annual meeting held at Notre Dame, Ind., Feb. 18.

Rafael A. Tenorio, assistant professor of finance and business economics, presented the paper "Revenue-Equivalence and Bidding Behavior in a Multi-Unit Auction Market: An Empirical Analysis" at the winter meetings of the Econometric Society held in New Orleans, La., Jan. 3-5.

Eugene Ulrich, professor of theology, and **James C. VanderKam**, professor of theology, presented a public lecture titled "The Dead Sea Scrolls: Ancient Texts and Modern Controversies" at the University of Notre Dame, Notre Dame, Ind., Feb. 13.

Jaime R. Vidal, assistant director of the Cushwa Center and concurrent assistant professor of theology, gave a presentation on the "Evangelization of the Antilles and Mexico in the XVI Century" at Augusta College in Augusta, Ga., Feb. 22.

Kevin F. Warren, assistant vice president for student affairs and concurrent assistant professor of law, gave a presentation addressing "State Rules and Regulations Regarding Agents and Disputes Between Agents and Athletes" at the conference "Agency for Professional Athletes" sponsored by the Chicago Bar Association's Sports Law Committee held in Chicago, Ill., Feb. 20.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, chaired two panel discussions, chaired the 1992 ASME winter annual meeting committee and attended various committee meetings at the 1991 winter annual meeting of the American Society of Mechanical Engineers held in Atlanta, Ga., Nov. 30-Dec. 5.

Documentation

Honorary Degrees September 13-14, 1991

Nine international leaders received honorary degrees at an academic convocation which took place during the dedication of the Hesburgh Center for International Studies, September 13-14, 1991.

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a farmer-turned-scholar who has been a sensitive and influential monitor of the global environment. For many years the preeminent expert on the international food crisis for the Overseas Development Council, he now heads his own research organization, assessing the world's resources as president of Worldwatch Institute.

On
Lester Russell Brown
Washington, District of Columbia

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a Third World intellectual whose path-breaking ideas have forced social scientists to revolutionize their thinking on the growth of political and economic systems. An effective political figure in his native land, he not only opposed its military regime but also helped draft its new democratic constitution. Today he is recognized as a founding member and Senate leader of the New Social Democracy Party of Brazil.

On
Fernando Henrique Cardoso
Sao Paulo, Brazil

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

an educator and early advocate of world peace. Her authoritative research on military spending and nuclear weapons stockpiling has had a crucial influence on the policy direction of the United Nations and the United States. She now crowns these pioneering efforts by her service as founder and director of the Institute for Defense and Disarmament Studies.

On
Randall C. Watson Forsberg
Cambridge, Massachusetts

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

an economist and Notre Dame colleague whose virtuoso performance as Finance Minister of Chile has brought new hope to those who seek to combine democracy and development. An untiring protagonist of human dignity during Chile's 17-year struggle to regain democracy, he has brought to public service passion for social justice and mastery as a social scientist.

On
Alejandro Foxley
Santiago, Chile

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a champion of international cooperation. As three-term President of the International Development Research Centre in Ottawa, he led worldwide efforts to enhance the scientific capabilities of developing countries. Special Assistant to Canada's Prime Minister in the '70s, he is an active legal scholar and now professor of law at the University of British Columbia.

On
Ivan Leigh Head
West Vancouver, British Columbia

Documentation

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a public servant who has shaped American arms control policy. For more than four decades in government circles at home and abroad, he has argued convincingly that constraints on arms can enhance the security of all nations. Currently President and Executive Director of the Arms Control Association, he continues to forge a promising foundation for peace through world disarmament.

On
Spurgeon Milton Keeny Jr.
Washington, District of Columbia

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a widely-published scholar and respected policy advisor who has played a pivotal role in bettering United States-Latin American relations. His writings and speeches have faced the complex reality of Latin America and furthered the values of democracy, human rights and economic justice. As professor of international relations at the University of Southern California, he fosters understanding among scholars and public figures in both hemispheres.

On
Abraham Frederic Lowenthal
Santa Monica, California

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a political scientist and diplomat who speaks for the world's refugees and champions human rights. Dean and professor at Sophia University in Tokyo, she has also served her country and the world through a distinguished career in the United Nations, principally in its humanitarian agencies. Now United Nations High Commissioner for Refugees, she marshals international resources on behalf of the growing masses of the displaced.

On
Sadako Nakamura Ogata
Geneva, Switzerland

The University of Notre Dame
confers the degree of
Doctor of Laws, *honoris causa*,
on

a visionary scientist whose early research on insects expanded to embrace Africa's entire agricultural production system. Founder of the renowned International Centre for Insect Physiology and Ecology, he has not only promoted research excellence in his own land but also offered basic solutions to the world's emergent ecological needs. This charismatic defender of scientific education constantly challenges us to make the natural universe our ally in improving our environment.

On
Thomas Risley Odhiambo
Nairobi, Kenya

Documentation

Letter from the President Regarding the University Smoking Policy

February 13, 1992

Notre Dame Community:

In my letter to you of March 27, 1991, I reviewed the concerns we all face with the health hazards of smoking. In that letter the formation of a task force to review the issue of smoking on our campus was announced. This task force included faculty, student and staff members of our community. Comprised of both smokers and non-smokers, the task force gathered information from institutions of higher education and other business entities. Many individuals from this campus shared their insights and concerns with the task force over the last several months.

After much deliberation, the task force accomplished its goal: the development of a smoking policy for the University. This policy was reviewed and approved by both the Environmental Issues Committee and the Officers of the University.

This policy will be distributed throughout the University community. Its implementation date is August 1, 1992.

Over the next several months and before this implementation date, the University will be offering numerous programs to assist members of our community in adapting to this smoking policy. I urge you to take advantage of these opportunities.

Knowing the personal concerns many of us have on this issue, I ask your cooperation in implementing this plan.

I wish to thank all those who invested their time and concern on this project, especially Dr. John Duman who so ably chaired the task force.

Cordially,

(Rev.) Edward A. Malloy, C.S.C.
President

University of Notre Dame Smoking Policy

Effective August 1, 1992

Rationale

Long-standing, irrefutable proof demonstrates smoking is harmful to the health of smokers. In addition, recent reports from the Surgeon General indicate that exposure to secondhand smoke can be a serious health hazard for non-smokers. Apart from these health issues, secondhand smoke is often physically distressing to non-smokers. Consequently, the University of Notre Dame, out of concern for the health, safety and well-being of the members of the campus community, establishes the following policy.

Policy

Smoking is prohibited in all buildings, stadiums, and the University of Notre Dame. Possible exceptions are noted below. (Item "1" of General Guidelines.)

General Guidelines

1. Sites where smoking is permitted must be fully enclosed, properly ventilated areas into which non-smokers do not normally enter. Under these guidelines smoking is prohibited in all restrooms, entrances to buildings, public lounges and lobbies, eating places, classrooms, arenas, and all other areas not specifically identified below. The rights of non-smokers to a smoke free environment always take precedence over the desire of smokers to smoke. Smoking *may* be permitted in the following areas:

a.) *Private Offices*, not open to the public except by invitation. Note, however, that smoking is prohibited even in a private office at times when non-smokers are present.

b.) *Dormitory Rooms*. Prior consent of all roommates is required. Therefore, smokers must make their desires known to the "Student Residence Office" and this office must match roommates appropriately.

c.) *Graduate Housing* as here described.

University Village. In individual apartments. In the University Village Community Center, but only at events where the organizers have agreed that smoking will be permitted.

O'Hara-Grace and Fischer Townhouses. In individual apartments with the prior consent of all roommates. Once again, the Student Residences Office must match roommates according to smoking preferences. Some reasonable number of apartments will be kept permanently smoke free to accommodate those allergic to smoke, etc.

Documentation

d.) Morris Inn. Individual hotel rooms. Some reasonable number of rooms will be kept permanently smoke free to accommodate those allergic to smoke, etc.

e.) Smoking lounges, where they exist, must be totally enclosed, properly ventilated so that non-smokers in adjacent areas are not exposed to secondhand smoke, appropriately signed "Smoking Permitted," and they must be areas into which non-smokers are not normally required to enter. Risk Management and Safety must provide prior approval of the site of a smoking lounge and periodically inspect these, and adjacent, areas.

2. The University, through Human Resources, will provide access to smoking cessation programs, as suggested in Appendix 1, to all members of the campus community who desire them.

3. The sales, distribution, and advertisement of tobacco products is prohibited on campus.

4. The University policy on smoking will be communicated in writing to all prospective students and candidates for positions.

5. The guidelines presented here are meant to be minimum standards. Any building, or any unit within a multi-unit building may adopt more stringent guidelines.

6. The success of this policy depends upon the thoughtfulness, consideration, goodwill and cooperation of both smokers and non-smokers. All members of the Notre Dame Community, as well as visitors, share in the responsibility of adhering to and enforcing this policy. At University events (i.e., athletic events, concerts, etc.) violators who refuse to conform will be escorted out of the event.

7. Complaints about violations of smoking policy should initially be brought to the attention of the individual responsible for the area in which the violation occurred. If this fails to halt the violation, the supervisor and/or the original complainant should contact Risk Management and Safety where the infraction will be reviewed and referred to the appropriate authority for corrective action.

8. The University recognizes potential problems resulting from recirculation of air from areas of a building where smoking is allowed to those areas where it is prohibited. Complaints about air quality resulting from the above should be brought to the attention of the unit supervisor. The supervisor, if unable to remedy the situation, will contact Risk Management and Safety for assistance. Risk Management and Safety will then determine if further restrictions or changes are required.

If the Environmental Protection Agency, the Indiana State Board of Health and/or the Indiana Occupational Safety and Health Agency issues air quality guidelines on safe levels of tobacco/smoke related chemicals in buildings, the University (through Risk Management and Safety) will monitor air quality in campus buildings and report these data to the Environmental Issues Committee. If air in any campus building is found to be contaminated with these chemicals in excess of any newly established regulations, the committee will provide whatever guidelines necessary to bring that building into compliance.

9. Two years after introduction of these regulations the Environmental Issues Committee will review this smoking policy to determine (a) whether these regulations should be amended, and (b) whether the University should become completely "smokefree."

University Committee on Libraries January 20, 1992

The meeting was called to order at 11:30 a.m. at the University Club by the chairman, John Lucey. Also in attendance were Harvey Bender, Maureen Gleason, Robert Miller, Robert Scheidt and secretary Melodie Eiteljorge.

The minutes of the meeting of December 9 were approved with a correction.

Robert Miller reported that a committee must be appointed to consider candidates for the Paul J. Foik award. Membership should consist of last year's winner, representatives from the four undergraduate colleges and a representative from the law school. Miller will contact committee members with the names of last year's representatives and ask for suggestions for this year.

The automated system in the libraries seems to be working well. On July 1 the new acquisitions system will be implemented. Unfortunately, the University financial system will not be operational in 1992. It is still hoped that the system can be implemented in April or June of 1993. If not, it will probably not happen until 1994. Meanwhile, the library systems office must write interfaces. Miller added that the WILSON indexes are working fairly well at this point.

Miller has taken steps to ensure that this year's budget is balanced by the end of the fiscal year: some shifting was done in the operating budget; a temporary freeze on hiring was implemented; no supplementary travel money is being issued; and the student assistant budget is being closely monitored.

No figures have yet been received for next year's budget. In a meeting with the provost, Miller learned that, apart from salary and wage, the increase could be very low. The highest priority for next year is the staff and student budget. Another programmer is badly needed. If separate funding is not received, the ergonomic problem is the highest priority.

Miller reported that a committee has been appointed to review the food and drink policy in the libraries. This has been a problem for a number of years.

Miller also reported that a search is underway for the vacant physical sciences/math librarian position. One candidate was interviewed, and two more are scheduled. Robert J. Havlik, the engineering/architecture librarian, has announced that he will retire at the end of the fiscal year. He has agreed to take a part-time emeritus position as the library exhibits coordinator.

There was a brief discussion on the meeting schedule for the spring semester. The secretary will send a survey form to all the members in order to determine the most convenient time for all.

There being no further business, the meeting adjourned at 12:45 p.m.

Respectfully submitted,

Melodie Eiteljorge
Secretary

Rev. Paul J. Foik, C.S.C., Award

The Rev. Paul J. Foik, C.S.C., Award Committee invites nominees for the award which is given annually to a library faculty member who has contributed significantly to the library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame's library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the 20th century. It is among those announced at the president's faculty dinner in May. The first winner, last year, was Maureen Gleason, then deputy director of the University Libraries, and all members of the University Libraries and Law Library faculty are eligible. Please send nominees to the Rev. Paul J. Foik, C.S.C., Award Committee, c/o University Libraries, 221 Hesburgh Library, before April 6.

The Graduate School Research Division

Current Publications and Other Scholarly Works

Current publications should be mailed to the Research Division of the Graduate School, Room 312, Main Building.

COLLEGE OF ARTS AND LETTERS

American Studies

- Giamo, Benedict F.
B.F. Giamo and J. Grunberg. 1991. Responding to Homelessness: Victims and Survivors. *Common Sense* 6(2):6, 12.
B.F. Giamo and J. Grunberg. 1992. Beyond Homelessness: Frames of Reference. University of Iowa Press, Iowa City, Iowa. 210 pp.
Schmuhl, Robert P.
R.P. Schmuhl. 1991. Humor, alas, has become a grim subject. *Chicago Tribune* 145(318):Sec. 3, p. 1.
R.P. Schmuhl. 1992. Inside the Voting Booth: How Americans Elect Their Presidents: Two Books Explore the Process. *Chicago Tribune* 146(19):Sec. 14, p. 3.
R.P. Schmuhl. 1992. Statecraft and Stagecraft: American Political Life in the Age of Personality (Second Edition). Notre Dame Press, Notre Dame, Indiana. xi, 132 pp.

Art, Art History and Design

- Adcock, Craig E.
C.E. Adcock. 1991. James Rosenquist's Commissioned Works. Wetterling Gallery, Stockholm, Sweden.

Economics

- Hands, D. Wade
A. Cohen, D.W. Hands, B. Barnes, M.N. Wise, P.E. Mirowski. 1992. Review Symposium on Philip Mirowski's More Heat than Light. *Philosophy of the Social Sciences* 22(1):78-141.
Kim, Kwan S.
K.S. Kim. 1992. Redefining the U.S.-Korea Economic Partnership - comment. Pages 210-212 in, H. Ow-Taylor and P.A. Rogers, eds., U.S.-Korea Economic Relations. The East Asian Center of Indiana University and the Korea Economic Institute of America, Washington, D.C.
Mirowski, Philip E.
P.E. Mirowski. 1992. More Bleat Than Bite: Responses to Barnes, Cohen, Hands and Wise. *Philosophy of the Social Sciences* 22(1):131-141.
P.E. Mirowski. 1991. More Heat than Light. Cambridge University Press. Cambridge, United Kingdom. xii + 450 pp.

- See under Hands, D. Wade. 1992. *Philosophy of the Social Sciences* 22(1):78-141.
Wilber, Charles K.
C.K. Wilber. 1991. Roman Catholic Social Thought and Economic Theory: An Agenda for the Future. *Review of Social Economy* 49(4):566-577.

English

- Gernes, Sonia G.
S.G. Gernes. 1991. Transcendent Women: Uses of the Mystical in Margaret Atwood's *Cat's Eye* and Marilynne Robinson's *Housekeeping*. *Religion and Literature* 23(Autumn):143-65.
Vanden Bossche, Chris R.
C.R. Vanden Bossche. 1992. Review of The Collected Letters of Thomas and Jane Welsh Carlyle by K.J. Fielding et al., eds. *Nineteenth Century Prose* 19(1):55.

Government and International Studies

- Dallmayr, Fred R.
F.R. Dallmayr. 1992. Nothingness and Sunyata: A Comparison of Heidegger and Nishitani. *Philosophy East and West* 42(1):37-48.
F.R. Dallmayr. 1991. Kant and Critical Theory. Pages 288-312 in, M.P. Thompson, ed., John Locke und/and Immanuel Kant. Duncker and Humblot, Berlin, Germany.
F.R. Dallmayr. 1991. Justice and Violence: A Response to Jacques Derrida. *Cardozo Law Review* 13(4):1237-1243.
Johansen, Robert C.
R.C. Johansen. 1991. The United Nations After the Gulf War: Lessons for Collective Security. Pages 172-190 in, B. Abu-Lan and M.I. Alladin, eds., Beyond the Gulf War: Muslims, Arabs and the West. Edmonton, MRF.
R.C. Johansen. 1991. Towards Democratic Global Security. *Peace Dossier* 29:2-11.
Lopez, George A.
G.A. Lopez. 1992. Problems of Concept Measurement in the Study of Human Rights. Pages 216-234 in, T.B. Jabine and R.P. Claude, eds., Human Rights and Statistics: Getting the Record Straight. University of Pennsylvania Press, Philadelphia, Pennsylvania.
Scully, Timothy R., C.S.C.
T.R. Scully, C.S.C. 1991. Shifting Engagements between Distant Neighbors. *The Review of Politics* 54(1):157-161.

Program of Liberal Studies

- Ayo, Nicholas, C.S.C.
N. Ayo, C.S.C. 1992. The Lord's Prayer: A Survey Theological and Literary. Notre Dame Press, Notre Dame, Indiana. xiv + 258 pp.

The Graduate School Research Division

Psychology

Buyer, Linda S.

R.L. Dominowski and L.S. Buyer. 1991. Solving and Not Solving. *Research Information for Teachers* 6:1-6.

Sociology

Weigert, Kathleen M.

K.M. Weigert. 1991. Ethnicity, Race and Gender Divisions. *The Peace Studies Bulletin* 1(2):4-6.

Welch, Michael R.

M.R. Welch, C. Tittle and T. Petee. 1991. Religion and Deviance Among Adult Catholics: A Test of the 'Moral Communities Hypothesis.' *Journal for the Scientific Study of Religion* 30(2):159-172.

Theology

Buckley, Michael J., S.J.

M.J. Buckley. 1991. The Church and Its Responsibility to Foster Knowledge. *Current Issues in Catholic Higher Education* 12(1):41-46.

M.J. Buckley. 1990. Ateismo: Origini. Pages 83-91 in, Diretto da René Latourelle, ed., *Dizionario di Teologia Fondamentale*. Cittadella Editrice, Assisi, Italy.

M.J. Buckley. 1991. The Structure of the Rules for Discernment. Pages 219-237 in, P. Sheldrake, S.J., ed., *Ignatius Loyola: Contemporary Approaches to the Spiritual Exercises*. SPCK, London, England.

Cunningham, Lawrence S.

L.S. Cunningham. 1991. Leaders and Liberation: Religious Booknotes. *Commonweal* 118(Nov. 22):699-702.

L.S. Cunningham. 1992. Review of The Truing of Christianity by John Meagher. *The New Catholic World* Jan./Feb.:32.

L.S. Cunningham. 1992. Review of Systematic Theology by Fiorenza/Galvin. *Commonweal* Feb. 14:30-31.

L.S. Cunningham. 1992. Who is Jesus and What Does He Want: Religious Booknotes. *Commonweal* 119(Jan. 31):42-44.

L.S. Cunningham. 1992. Foreword. Pages ix-x in *The Lord's Prayer* by Nicholas Ayo. University of Notre Dame Press, Notre Dame, Indiana.

Koernke, Theresa, I.H.M.

T. Koernke, I.H.M. 1992. Toward an Ethics of Liturgical Behavior. *Worship* 66(1):25-38.

LaCugna, Catherine M.

C.M. LaCugna. 1991. *God for Us. The Trinity and Christian Life*. Harper Collins, San Francisco, California. x + 435.

McBrien, Rev. Richard P.

Rev. R.P. McBrien. 1992. Theologians at Large. *The Tablet* 246(7903):105-106.

Rev. R.P. McBrien. 1991. The Graduate Education of Future Theological Faculties: A Catholic Perspective. *Theological Education* 1991 28(1):90-94.

Rev. R.P. McBrien. 1991. Re-Imagining the Church in the Year 2000. *The Furrow* 42(12):679-691.

O'Meara, Thomas F., O.P.

T.F. O'Meara, O.P. 1991. Church and Culture. German Catholic Theology, 1860-1914. University of Notre Dame Press, Notre Dame, Indiana. 260 pp.

T.F. O'Meara, O.P. 1991. Field of Grace. *Notre Dame Magazine* 20(3):12-14.

White, James F.

J.F. White. 1991. *John Wesley's Prayer Book: The Sunday Service of the Methodists in North America*. OS� Publications, Cleveland, Ohio. 171 pp.

COLLEGE OF SCIENCE

Biological Sciences

Duman, John G.

J.G. Duman, D.W. Wu, L. Xu, D. Tursman and T.M. Olsen. 1991. Adaptations of Insects to Subzero Temperatures. *Quarterly Review of Biology* 66:387-410.

K.B. Storey, D.B. McDonald, J.G. Duman and J.M. Storey. 1991. Freeze Tolerance of Hatchling Painted Turtles: Blood Chemistry and the Presence of Ice Nucleating Activity. *Cryo-Letters* 12:251-258.

J.G. Duman, D.W. Wu, K.L. Yeung, E.E. Wolf. 1992. Hemolymph Proteins Involved in the Cold Tolerance of Terrestrial Arthropods: Antifreeze and Ice Nucleator Proteins. Pages 282-300 in, G.N. Somero, C.B. Osmond, C.L. Bolis, eds., *Water and Life*. Springer-Verlag, Berlin, Germany.

Mossing, Michael C.

M.C. Mossing, J.A. Bowie and R.T. Sauer. 1991. A Streptomycin Selection for DNA Binding Activity. Pages 604-619 in, R.T. Sauer, ed., *Methods of Enzymology*, V208, Protein - DNA Interactions. Academic Press Inc., San Diego, California.

Chemistry and Biochemistry

Creary, Xavier

X. Creary. 1992. Reactions of Halodiazirines by S_N2' and Electron Transfer Initiated Processes. *Accounts of Chemical Research* 25:31-38.

Fehlner, Thomas P.

A.K. Bandyopadhyay, R. Khattar, J. Puga, T.P. Fehlner and A.L. Rheingold. 1992. Boron in New Environments. Structures and Reaction Properties of Discrete, Mixed-Metal, Hexanuclear Borides. *Inorganic Chemistry* 31:465-472.

The Graduate School Research Division

Huber, Paul W.

P.W. Huber, T. Morii, H.-Y. Mei and J.K. Barton. 1991. Structural Polymorphism in the Major Groove of a 5S RNA Gene Complements the Zinc Finger Domains of Transcription Factor IIIA. *Proceedings of National Academy Science* 88:10801-10805.

Thomas, J. Kerry

K. Koiki and J.K. Thomas. 1992. Electron-Transfer Reactions of Aromatic Radical Ions with Nucleophilic Molecules. *Journal of the Chemical Society, Faraday Transactions* 88(2):195-200.

Mathematics

Alber, Mark S.

M.S. Alber. 1991. Hyperbolic Geometric Asymptotics. *Asymptotic Analysis* 5:161-172.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Yang, Kwang-tzu

Y.C. Michael and K.T. Yang. 1991. Recent Developments in Axial Tomography for Heat Transfer and Fluid Flow Studies. *Experimental Thermal and Fluid Science* 4(6):637-747.

Chemical Engineering

Carberry, James J.

S. Rajadurai, J.J. Carberry, B. Li and C.B. Alcock. 1991. Catalytic Oxidation of Carbon Monoxide over Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4-\delta}$ Systems between 373-523 K. *Journal of Catalysis* 131:582-589.

Wolf, Eduardo E.

See under COLLEGE OF SCIENCE, Biological Sciences; Duman, John G. 1992. Pages 282-300 in, G.N. Somero, C.B. Osmond, C.L. Bolis, eds., Water and Life.

Civil Engineering and Geological Sciences

Neal, Clive R.

C.R. Neal, L.A. Taylor, Y.-G. Lui and R.A. Schmitt. 1991. Paired Lunar Meteorite MAC88104 and MAC88105: A New "Fan" of Lunar Petrology. *Geochimica et Cosmochimica Acta* 55:3037-3049.

Electrical Engineering

Alcock, Charles B.

See under Carberry, James J. 1991. *Journal of Catalysis* 131:582-589.

C.B. Alcock. 1992. Electrochemical Studies with Fluoride Electrolytes. *Pure and Applied Chemistry* 64:582-589.

Berry, William B.

Z. Lin, X. Huang and W.B. Berry. 1991. Temperature Dependence on the Energy Gap Selection in Two Cell, Four Terminal Tandem Solar Cell Design. *Proceedings of the 22nd IEEE Photovoltaic Specialists Conference* 323-328.

McGinn, Paul J.

P.J. McGinn, W. Chen, N. Zhu, S. Sengupta and T. Li. 1991. Microstructure and Critical Current Density of Zone Melt Textured $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ with Y_2BaCuO_5 Additions. Pages 129-140 in, S.H. Whang and A. DasGupta, eds., High Temperature Superconducting Compounds III. The Minerals, Metals and Materials Society, Warrendale, Pennsylvania.

RADIATION LABORATORY

Pimblott, Simon M.

S.M. Pimblott and J.A. LaVerne. 1992. Scavenger Concentration Dependences of Yields in Radiation Chemistry. *The Journal of Physical Chemistry* 96(2):746-752.

LaVerne, Jay A.

See under Pimblott, Simon M. 1992. *The Journal of Physical Chemistry* 96(2):746-752.

Notre Dame REPORT

Volume 21, Number 13

March 20, 1992

Notre Dame Report (USPS 7070-8000) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Office of the Provost. Second-class postage paid at Notre Dame, Indiana.
Postmaster: Please send address corrections to: Records Clerk, Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, IN 46556.

Linda M. Diltz, Editor
Marten Schalm, Designer
Willa Murphy, Layout
Publications and Graphic Services
415 Main Building
Notre Dame, IN 46556
(219) 239-5337

© 1992 by the University of Notre Dame, Notre Dame, IN 46556. All rights reserved.
