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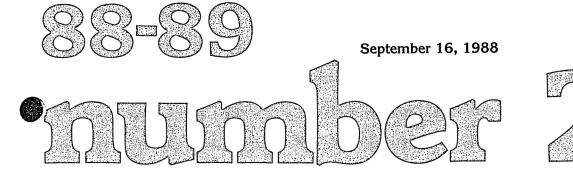
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year of cultural diversity

The 1988-89 Notre Dame academic year has been designated "The Year of Cultural Diversity." In November 1986 Provost Timothy O'Meara appointed a special Committee on Minority Students to advise on strategies for enhancing all aspects of the presence of minority undergraduate and graduate students at the University. The Year of Cultural Diversity is an idea conceived as a part of the University's response to the committee's report. A wide variety of programs are planned for the year to raise the level of consciousness of members of the Notre Dame community to the importance of minorities in American life and culture.

Over 25 programs, including lectures, exhibits and concerts have been scheduled. Under the leadership of Rev. Oliver Williams, C.S.C., associate provost, the committee on the Year of Cultural Diversity includes Howard Adams, Kenneth B. Durgans, Nathan B. Hatch, Francis M. Kobayashi, Adele Lanan, Sr. Jean Lenz, O.S.F., Rev. Andre Leveille, C.S.C., Jean A. Pec, Rosemary Phelps, Juan Rivera, Richard A. Rosenthal, Kathleen M. Weigert, and Frederick D. Wright. Students on the commitee include Rob Bartolo, Ramzi Bualuan, Antonio Chavez, Thomas Doyle, Mary E. Feliz, Mari Fuentes, Victor J. Krebs, Patience A. Mason, Angela McRae, and Roderick K. West.

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Students on the committee have assembled an <u>Activities Handbook</u> for the year. For a copy of the handbook, call Adele Lanan, Student Activities, 239-7308. To include an event in the calendar of lectures and other events, call the office of Rev. Oliver Williams, C.S.C., 239-6858.

class of 1992 sesquicentennial class

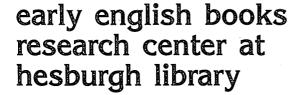
The Class of 1992, some 1,800 University of Notre Dame entering freshmen, has been designated the Sesquicentennial Class by University officials. Its members will be involved in planning events celebrating the 150th anniversary of the founding of Notre Dame. Established in 1842, the University is 13th oldest among existing American Catholic institutions of higher learning.

The idea came from the History of the University Committee, which has been involved in some of the early discussion of the sesquicentennial. The committee has suggested that the observance take place between November 1991 and November 1992. That proposal and others will be taken up by a formal sesquicentennial committee to be appointed by University Provost Timothy O'Meara.

September 16, 1988

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The Theodore M. Hesburgh Library has been designated an "Early English Books Research Center" by University Microfilms International (UMI), a Bell & Howell Information Company, Ann Arbor, Mich.

The designation recognizes Notre Dame's support of UMI's Early English Books Series, a project which began 50 years ago. The project, undertaken on two continents and involving several cooperating libraries, has microfilmed the 26,500 titles in <u>Pollard and Redgrave's Short-Title Catalogue</u>, which includes nearly every book printed in Great Britain or in the English language from 1475 to 1640. It has also microfilmed the 50,000 titles in <u>Donald</u> <u>Wing's Short-Title Catalogue</u>, which includes English-language books published in Great Britain and North America from 1641 to 1700. The Theodore M. Hesburgh Library owns the entire resulting collection, placing it among the 144 American institutions in possession of this resource.

publications and graphic services

The Publications and Graphic Services department offers publications assistance to all departments, colleges, centers, and institutes at Notre Dame. The staff provides editorial, design, and production services to its customers with no charge other than the cost of design materials and the cost of printing. The office coordinates relations with the printer from initial contact through delivery.

Questions about the department and its services may be directed to Carl Magel, Director, 415 Main Building (239-5337).



honors

J. Douglas Archer, associate librarian, has been named chair of the Reference Services in Mediumsized Research Libraries Discussion Group Steering Committee, Reference and Adult Services Division, American Library Association for 1988-89.

John D. Dow, Freimann professor of physics, has been named International Who's Who of Intellectuals, eighth edition, International Bibliographical Centre, Cambridge, England.

<u>Mohamed Gad-el-Hak</u>, professor of aerospace and mechanical engineering, has been appointed associate editor for the Applied Mechanics Reviews, a publication of the American Society of Mechanical Engineers. He continues to serve as associate editor for the AIAA Journal and as <u>contributing</u> editor for Spriner-Verlag's <u>Lecture Notes in</u> <u>Engineering</u>.

<u>George Lopez</u>, associate professor of government and faculty fellow in the Institute for International Peace Studies, has been named to the Amnesty International's International Advisory Council for Human Rights Education for 1988-1990. The group of scholars, policy-makers and activists is charged with developing and implementing a program for human rights education during this 40th anniversary year of the promulgation of the Universal Declaration of Human Rights. For the past two years he has served on the U.S. National Steering Committee for Human Rights Education of Amnesty.

LT. Edward C. Ohlson, U.S.N., instructor, department of Naval Science, was selected by the Navy for promotion to the rank of Lieutenant Commander. LT Ohlson, of Chicago, Ill., has been assigned to the Naval ROTC Unit at Notre Dame since December 1986.

<u>Alan R. Pelton</u>, assistant professor of materials science and engineering, was elected secretary of the Great Lakes Electron Microscopy Association at the committee meeting held in conjunction with the 46th annual meeting of Electron Microscopy Society of America in Milwaukee, Wisc., Aug. 8. <u>Juan M. Rivera</u>, assistant professor of accountancy, has been elected treasurer of the international accounting section of the American Accounting Association.

<u>Chris R. Vanden Bossche</u>, assistant professor of English, was appointed to the editorial board of <u>The Carlyle Newsletter</u>.

<u>Kathleen Maas Weigert</u>, associate professional specialist and faculty liaison/academic coordinator for the Center for Social Concerns, has been appointed to the Advisory Council on Justice and Peace Education for the Association of Catholic Colleges and Universities.

activities

<u>Charles B. Alcock</u>, Freimann professor of materials science and engineering, gave the opening lecture titled "Control of Stoichiometry in Oxide Systems" at the NATO advanced research workshop in Rottach-Egern, West Germany, July 1-9.

<u>Paul F. Bradshaw</u>, associate professor of theology, was a co-convenor of a conference "Judaism and Christianity: Two Liturgical Traditions" sponsored jointly by the Crown-Minow Endowment of the department of theology and by the Central Conference of American Rabbis, Notre Dame, Ind., June 19-23. He also delivered a paper "The Emergence of Christian Liturgy" at that conference.

<u>Rev. James T. Burtchaell, C.S.C.</u>, professor of theology, served as a member of the Human Fetal Tissue Transplantation Research Panel, a consultant group to the advisory committee to the director, National Institute of Health, Bethesda, Md., Sept. 14-16. This consultant group was assembled to address the scientific, legal, and ethical issues relating to research involving transplantation of human fetal tissue obtained after induced abortions. <u>Michael Butler</u>, assistant professor of aerospace and mechanical engineering, presented a paper titled "Search-Based Evaluation of Alternative Design Configurations" at the ASME Computers in Engineering conference held in San Francisco, Calif., Aug. 1.

John D. Dow, Freimann professor of physics, gave an invited talk "Deep impurity levels in (001), (111), and structure-modulated superlattices: Shallow-deep transitions, inert-deep transitions, and false valences" at the fourth international conference on Superlattices, Microstructures and Microdevices (fifth Triest Semiconductor Symposium) held at the International Centre for Theoretical Physics, Trieste, Italy, Aug. 8-12. He also edited proceedings at that conference.

<u>Harald E. Esch</u>, professor of biological sciences, gave a talk "Thermoregulation and Oxygen Consumption in Workers and Drones of <u>Apis mellifera</u>" at the second international congress of comparative physiology and biochemistry in Baton Rouge, La., Aug. 1-5.

Sonia G. Gernes, associate professor of English, lectured on "Poems for the Midlife Woman" at a women in the arts conference, University of Missouri, Kansas City, May 21. She lectured and read her own work in a week-long Samuel Clemens writers conference also sponsored by the University of Missouri, May 22-27. Professor Gernes gave a fiction reading at the Horticultural Center of the Indianapolis Art Museum sponsored by the Writers Center of Indianapolis, June 18.

Linda L. Hudgins, assistant professor of economics, presented a seminar "Resultados de investigacion en la industria atunena: Venezuela en la mundo" (Result of an investigation of the tuna industry: Venezuela in global markets) at the Instituto de Estudios Superiores de Administracion (IESA) in Caracas, Venezuela, Aug. 15. She visited IESA from Aug. 1-19 under their international scholar exchange program.

<u>Douglas W. Kmiec</u>, professor of law and director, White Center on law and government, has been nominated to be an Assistant Attorney General in the office of Legal Counsel, Department of Justice, by President Ronald Reagan. Previously he has held the position of Deputy Assistant Attorney General in the Office of Legal Counsel and has served as Special Assistant to the Secretary, U.S. Department of Housing and Urban Development.

<u>Bela Kraut</u>, research associate in the Radiation Laboratory, presented the paper "Photochemical Transformations of Molybdenum Clusters: Photoreversible Redox and Ligand Substitution Reactions of $Mo_6Cl_{14}^{2*}$ at the sixth international symposium on homogeneous catalysis, Vancouver, B.C., Canada.

<u>Charles F. Kulpa</u>, associate professor of biological sciences, served as vice-chairman and speaker in a session titled "Advances in genetic engineering and pollution control" where he gave a talk "General Introduction to genetic engineering." He was an invited speaker in a session titled "Biological treatment of petroleum sludges" where he spoke about "Microbiology concepts in petroleum sludge treatment." These were invited symposia talks at the American Institute of Chemical Engineers 1988 summer national meeting, Denver, Colo., Aug. 21-24.

Catherine Mowry LaCugna, associate professor of theology, participated as a member of the board of directors, Catholic Theological Society of America, Toronto, Ontario, Canada, June 1988. She represented Notre Dame at the International Federation of Catholic Universities (I.F.C.U./F.I.U.C.), general assembly, Jakarta, Indonesia, Aug. 1-5. She also delivered the keynote address "Christian Baptism and the Trinitarian Formula" and worked as ecumenical observer and commentator for the United Church of Christ at the fifth Craigville Theological Colloquy, Hyanis, Mass., Aug. 14-17.

George Lopez, associate professor of government and faculty fellow in the Institute for International Peace Studies, served as a staff member of the Lilly Endowment Workshop on the Liberal Arts held at Colorado College, June 18-July 12. He offered a seminar on International Education and International Studies and chaired a plenary session on "Minority Issues in Higher Education." He also delivered an address "The Case for the University as an Agent for Positive Change in a Democratic Society" at a meeting of the MacArthur Foundation board of Directors held at the Drake Hotel, Chicago, Ill., July 13. John M. LoSecco, associate professor of physics, gave an invited talk "Recent Results from IMB" at the SLAC Summer Institute on Particle Physics, SLAC, Stanford University, Stanford, Calif., July 28.

John Matthias, professor of English, gave a paper titled "The Visual Art of David Jones" and chaired a panel on "David Jones and T.S. Eliot" at the T.S. Eliot Centennial Conference sponsored by the National Poetry Foundation at the University of Maine, Aug. 18-20.

<u>Kevin M. Misiewicz</u>, associate professor of accountancy, gave an invited presentation "A Historical Perspective of Approaches to Computer-Assisted Tax Research" at the annual meeting of the American Accounting Association held in Orlando, Fla., Aug. 14.

Martin F. Murphy, assistant professor of anthropology, presented the paper "Dominican Responses to the Contemporary World Sugar Crisis" at the symposium "Sugar Crisis in the Caribbean" at the International Congress of Americanists, Amsterdam, Holland, July 4-8.

<u>Dian Murray</u>, associate professor of history, was an invited participant at a roundtable discussion of the state of Qing studies in the United States held at the Qing History Institute of People's University, Beijing, China, June 22. She also presented an invited lecture "Pirates in the Pearl River" to the Royal Asiatic Society of Hong Kong, in Hong Kong, Aug. 1.

<u>Rev. Thomas F. O'Meara, O.P.</u>, Warren professor of theology, gave a talk titled "Ministry and Health Care" at the Mercy Health Care Corporation annual administrative meeting, Des Moines, Iowa, April 17. He also spoke on "Seeing Theological Forms" at a symposium "The Arts in Relation to the Nature and Content of Theological Education," Yale University, May 1.

<u>Alan R. Pelton</u>, assistant professor of materials science and engineering, presented an invited paper "TEM Diffraction Investigations of Amorphous Materials" at the 46th annual meeting of Electron Microscopy Society of America, Milwaukee, Wisc., Aug. 8. <u>Barbara Peterson</u>, adjunct assistant professor of art, art history and design, has had 12 kite forms permanently installed in Concourse A at the Michiana Regional Airport, South Bend, Ind., July 1988.

Wolfgang Porod, associate professor of electrical and computer engineering, participated in the fourth international conference on Superlattices, Microstructures and Microdevices, Trieste, Italy, Aug. 8-12. Along with <u>Suprivo Bandyopadhyay</u>, assistant professor of electrical and computer engineering, he presented a poster titled "Double Quantum Wire Aharonov-Bohm Interferometers for Possible LN(2) Temperature Operation."

Juan Rivera, assistant professor of accountancy, presented the paper "Financial Analysts' Prediction of Earnings Per Share: Impact of International Operations on Forecast Accuracy" at the 73rd annual meeting of the American Accounting Association, Orlando, Fla., Aug. 15-17.

<u>David F. Ruccio</u>, assistant professor of economics, presented "Regulation on a World Scale: International Aspects of Regulation" at the International Conference on Regulation Theory, Barcelona, Spain, June 18.

John F. Santos, professor of psychology and director, GERAS Center, presented an invited address "Education and Training Needs for an Aging Society: Public Policy Perspectives" at a symposium on mental health and aging, American Psychological Association annual meeting in Atlanta, Ga., Aug. 8.

Dennis M. Snow, associate professor of mathematics, helped organize the conference on Group Actions at McGill University, Montreal, Canada, Aug. 1-6. He also gave a lecture on "Homogenous Vector Bundles."

Thomas L. Whitman, professor of psychology, delivered an invited address titled "Self-regulation and mental retardation" at the American Psychological Association convention held in Atlanta, Ga., Aug. 12-16.

James B. Zimarowski, assistant professor of management, presented a paper titled "A Primer on Power Balancing Under the National Labor Relations Act" at the American Business Law Association national meeting in New Orleans, La., Aug. 9-12. He also chaired an academic session on "Employment Discrimination" at that meeting.

administrators' notes

appointments

<u>Michael Affleck</u>, has been named coordinator for Justice and Peace Education and Programming at the Center for Social Concerns by Rev. Donald McNeill, C.S.C., director of the center. Affleck, who most recently directed the Catholic Worker House in Rochester, N.Y., received his doctorate from S.U.N.Y. at Buffalo and holds masters degrees from the Graduate Theological Union, Berkeley, Calif., and from Buffalo. As coordinator, Affleck will oversee programming of justice and peace educational opportunities which will include traditional cognitive components but will extend to encompass experiental learning and theological reflection.

<u>Richard Burgess</u>, E.D.P. auditor, has been promoted to assistant director of Internal Audit.

David A. Harr has assumed the position of general manager at Notre Dame's Morris Inn. Harr, who has more than nine years experience in commercial, downtown, convention, airport, resort, and roadside hotels, had previously managed the Holiday Inn/ Downtown and Valley American Bank Building since March 1986. He holds a B.S. degree in business administration from Bloomsburg University, Pa., and is a vice president of the South Bend Hotel/Motel Association and a director of the Center City Associates.

James P. Malloy was appointed associate director of Financial Aid and has been serving in that capacity since May 16. He replaced Ned Harris who has assumed the position of director of Admissions at LeMoyne College, Syracuse, N.Y. Since Malloy's graduation from the University of Notre Dame in 1971 he has had 15 years experience in financial aid administration.

honors

<u>Marilyn J. Bury</u>, assistant director, Career and Placement Services, has been elected vice president of the Indiana Association for Womens Deans, Administrators, and Counselors.

<u>Robert V. Watkins</u>, C.P.M., director of Support Services, Purchasing, was given the highest award in District IV of the National Association of Purchasing Management in honor of his diligence and faithful service contributing to the advancement of the purchasing profession. The award was presented by the Purchasing Management Association of Indianapolis at the District IV conference.

activities

Donald P. McNeill, C.S.C., director of the Center for Social Concerns, presented "Social Concerns at Notre Dame" at a meeting for transfer students at the University of Notre Dame, Notre Dame, Ind., Aug. 18.

documentation

summary annual report: tiaa/cref retirement annuity for faculty and administration

This is a summary of the annual report for TIAA/CREF Retirement Annuity Plan, employer number 35-0868188, for Jan. 1, 1987, through Dec. 31, 1987. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total premiums paid for this plan year ending Dec. 31, 1987, were \$4,754,648.28. A total of 894 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, Notre Dame, IN 46556; (219)239-5900.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Human Resources Department, Notre Dame, IN 46556, and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests should be addressed to: Public Disclosure Room, N 4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, DC 20216.

summary annual report: tiaa/cref tax deferred annuity

This is a summary of the annual report for TIAA/CREF Tax Deferred Annuity Plan, employer number 35-0868188, for Jan. 1, 1987, through Dec. 31, 1986. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total payments paid for the plan year ending Dec. 31, 1987, were \$1,078,469.49. A total of 238 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, Notre Dame, IN 46556; (219)239-5900.

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summary annual report: group life insurance

This is a summary of the annual report for the Group Life Insurance Plan, employer number 35-0868188 for Jan. 1, 1987, through Dec. 31, 1987. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION

The plan has a contract with The Equitable Life Assurance Society of the United States to pay all claims incurred under the terms of the plan. The total premiums paid for the plan year ending Dec. 31, 1987, was \$371,797.00

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, University of Notre Dame, Notre Dame, IN 46556; (219)239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Human Resources Department, University of Notre Dame, Notre Dame, IN 46556; and at the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N 4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, DC 20216.

summary annual report: key health (hmo), inc.

This is a summary of the annual report for the Key Health (HMO), Inc. plan, employer number 35-0868188 for the plan year Jan. 1, 1987, through Dec. 31, 1987. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION

Key Health (HMO), Inc. provides benefits for medical care as a Federally qualified Health Maintenance Organization. During the plan year ending Dec. 31, 1987, the University and the employees choosing this optional health care coverage paid \$370,182.33 in premiums.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, University of Notre Dame, Notre Dame, IN 46556; (219)239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Human Resources Department, University of Notre Dame, Notre Dame, IN 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N 4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, DC 20216.

summary annual report: maxicare

This is a summary of the annual report for Maxicare, Indiana Plan for the University of Notre Dame, employer number 35-0868188, for Jan. 1, 1987, through Dec. 31, 1987. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION

Maxicare, Indiana provides benefits for medical care as a Federally qualified Health Maintenance Organization. During the plan year the University and the employees choosing this optional health coverage paid \$408,896.44 in premiums. Maxicare's premiums are community rated.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, University of Notre Dame, Notre Dame, IN 46556; (219)239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Human Resources Department, University of Notre Dame, Notre Dame, IN 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N 4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, DC 20216.

summary annual report: health plus (hmo), inc.

This is a summary of the annual report for the Health Plus, (HMO), Inc. plan, employer number 35-0868188 for the plan year Jan. 1, 1987, through Dec. 31, 1987. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION

Health Plus (HMO), Inc. provides benefits for medical care as a Federally qualified Health Maintenance Organization. During the plan year, ending Dec. 31, 1987, the University and the employees choosing this optional health care coverage paid \$442,224.85 in premiums.

YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Human Resources, Department of Human Resources, University of Notre Dame, Notre Dame, IN 46556; (219)239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

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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

Economics

Jameson, Kenneth P.

- K.P. Jameson and P.J. Henriot. 1988. International Debt, Austerity, and the Poor. Pages 13-56 in, L.A. Tavis, ed., Rekindling Development: Multinational Firms and World Debt. University of Notre Dame Press, Notre Dame, Indiana. Kim, Kwan S.
- K.S. Kim. 1988. A Review Article of R. Skartstein and S.M. Wangwe: <u>Industrial</u> <u>Development in Tanzania</u> - <u>Some Critical</u> <u>Issues</u> (Uppsala: Scandinavian Institute of African Studies, 1986). <u>Journal of</u> <u>Developing Areas</u> 21(4):517-518.
- K.S. Kim. 1988. East Asian Coping Strategies: The South Korean Case. Pages 119-137 in, L.A. Tavis, ed., Rekindling Development: Multinationals and World Debt. University of Notre Dame Press, Notre Dame, Indiana.
- B.J. Clements and K.S. Kim. 1988. Foreign Trade and the Distribution of Income: The Case of Brazil (in Portuguse). <u>Pesquisa e Planejamento Economico</u> 18(1): 17-36.
- K.S. Kim. 1988. Continuing Crisis in Sub-Saharan Africa. Pages 102-118 in, L.A. Tavis, ed., Rekindling Development: Multinational and World Debt. University of Notre Dame Press, Notre Dame, Indiana.

K.S. Kim. 1988. Industrialization in Mexico: Perspectives and Strategies. Pages 173-203 in, F. Carrada-Bravo, ed., Economic Problems of Mexico: Realities and Perspectives. Editorial Trillas Publishing Company, Mexico City, Mexico.

English

Avallone, Charlene S.
C.S. Avallone. 1988. Calculations for Popularity: Melville's <u>Pierre</u> and Holden's <u>Dollar Magazine</u>. <u>Nineteenth</u> <u>Century Literature</u> 43:82-110.
Gernes, Sonia G.
S.G. Gernes. 1988. (Poems). Women at Forty. University of Notre Dame Press, Notre Dame, Indiana. 80 pp.
Jemielity, Thomas J.
T.J. Jemielity. 1988. 'A Keener Eye on Vacancy': Boswell's Second Thoughts about Second Sight. <u>Prose Studies</u> 11: 24-40.
<u>Government and International Studies</u>
Dowty, Alan K.
A.K. Dowty. 1988. The Right to Leave and Return: Political and Social Factors. Pages 157-176 <u>in</u>, G. Brunner and A. Kagedan, eds., Minorities in the Soviet

Union under International Law. Markus Verlag, Cologne. A.K. Dowty. 1988. 'Brain Drain': A Make-Believe Malady. <u>Wall Street Journal</u> June 15:22.

A.K. Dowty. 1988. Review of Mitchell Cohen, Zion and State: Nation, Class and the Shaping of Modern Israel. Middle East Review 20:71-72.

Philosophy

McMullin, Ernan

E. McMullin. 1988. Religious Explanations: A Model from the Sciences by Edward Schoen. <u>Faith and Philosophy</u> 5:299-309.

Sociology

Weigert, Andrew J.

A.J. Weigert. 1988. Christian Eschatological Identities and the Nuclear Context. Journal for the Scientific Study of Religion 27(2):175-191.

COLLEGE OF SCIENCE

Biological Science

Martin, Vicki J.

V.J. Martin. 1988. Development of Nerve Cells in Hydrozoan Planulae: I. Differentiation of Ganglionic Cells. Biological Bulletin 174:319-329.

Martin, Vicki J. K.J.S. Kolberg and V.J. Martin. 1988. Morphological, Cytochemical and Neuropharmacological Evidence for the Presence of Catecholamines in Hydrozoan Planulae. Development 103:249-258.

Chemistry

Castellino, Francis J.

- See under Sator de Serrano, Vesna. 1988. Archives of Biochemistry and Biophysics 264(1):222-230.
- S.L. Gonias, M.M. Allietta, S.V. Pizzo, F.J. Castellino and T.W. Tillack. 1988. Electron Microscopic Identification of Exposed Plasmin Epitopes in \$\alpha_2-Macroglobulin-Plasmin Complex Using Monoclonal Antibidy-Colloidal Gold Adducts. Journal of Biological Chemistry 263(22):10903-10906.

Chu, Deh-ying

D.-y. Chu, J.K. Thomas and J. Kuczynski. 1988. Photophysical Studies of Molecular Mobility in Polymer Films. 1. Oxygen Mobility in Polymer Films Monitored by Quenching of the Triplet-Triplet Absorption of Bromopyrene. <u>Macro-</u> molecules 21:2094-2100.

Fehlner, Thomas P.

- J. Feilong, T.P. Fehlner and A.L. Rheingold. 1988. Preparation and Characterization of $(n^5-C_5H_5Co)_2-(\mu_PPh_2)B_2H_5$: Evidence for Multicenter Cluster Bonding in $\sigma-\pi$ Vinyl Transition Metal Complexes. Journal of Organometallic Chemistry 348: C22-C26.
- See under Rath, Nigam P. 1988. Journal of the American Chemical Society 110: 5345-5349.
- T.P. Fehlner. 1988. Borane (BH₃) in Un-usual Environments. Pages 265-285 in, J.F. Liebman, A. Greenberg and R.E. Williams, eds., Advances in Boron and the Boranes. VCH Publishers, Inc., New York. New York.

Huang, Nai-Zhong

Miller, Marvin J.

- N.Z. Huang and M.J. Miller. 1988. Syn-theses and Flash Vacuum Pyrolyses of Highly Functionalizaed $\alpha - N - Hydroxy$ Amino Acids. <u>Heterocycles</u> 27(8):1821-1825. Patterson, Larry K.
 - J.-P. Chauvet and L.K. Patterson. 1988. Measurement of Fluorescence Depolarization for Chlorophyll-a and Chlorophyll-b in Spread Monolayers at the Nitrogen-Water Interface. Thin Solid Films 159: 149-157.
 - M. Bohorquez and L.K. Patterson. 1988. Effects of Molecular Organization on Photophysical and Photochemical Behavior: Quenching by Subphase Iodide of Fluorescence in Pyrene-bearing Probes at the Nitrogen-Water Interface. Thin Solid Films 159:133-139.
 - J.-P. Chauvet, M. Agrawal and L.K. Patterson. 1988. Effects of Molecular Organization on Photophysical Behavior. Steady-State and Real-Time Behavior of Chlorophyll a Fluorescence in Spread Monolayers of Dipalmitoylphosphatidylcholine. Journal of Physical Chemistry 92:4218-4222.

Rath, Nigam P.

N.P. Rath and T.P. Fehlner. 1988. Interaction of Iron with Boron in Metal-Rich Metallaboranes Resulting in Large Deshielding and Rapid Relaxation Processes of the Boron-11 Nucleus. Journal of the American Chemical Society 110:5345-5349.

Sator de Serrano, Vesna

T. Urano, Y. Sator de Serrano, P.J. Gaffney and F.J. Castellino. 1988. The Activa-tion of Human [Glu¹]Plasminogen by Human Single-Chain Urokinase. Archives of Biochemistry and Biophysics 264(1):222-230.

Thomas, J. Kerry

- J. Murtagh and J.K. Thomas. 1988. Effect of Humidity and Temperature on Photoinduced Reactions in Cellulose.
- <u>Chemical Physics Letters</u> 148(5):445-451. P. Liang and J.K. Thomas. 1988. Photophysical Studies in Liquid Crystal Solutions and Liquid Crystal Foams. Journal of Colloid and Interface Science 124(1): 358-364.
- See under Chu, Deh-ying. 1988. Macromolecules 21:2049-2100.

Urano, Tetsumei See under Sator de Serrano, Vesna. 1988. Archives of Biochemistry and Biophysics 264(1):222-230.

Mathematics

- Taylor, Lawrence R. I. Hambleton, L.R. Taylor and E.B. Williams. 1988. On G_n (RG) for G a Finite Nilpotent Group. <u>Journal of Algebra</u> 116: 466-470.
- F.R. Cohen and L.R. Taylor. 1988. Homo-logy of Function Spaces. <u>Mathematische</u> Zeitschriff 198:299-316.

See under Miller, Marvin J. 1988. <u>Heterocycles</u> 27(8):1821-1825.



Williams, E. Bruce See under Taylor, Lawrence R. 1988. Journal of Algebra 116:466-470.

Physics

Dow, John D.

- See under Tsai, Min-Hsiung. 1988. Physical Review B 38(2):1541-1543.
- Tsai, Min-Hsiung M.-H. Tsai, D.W. Jenkins, J.D. Dow and R.V. Kasowski. 1988. Pseudofunction Theory of the Electronic Structure of InN. Physical Review B 38(2):1541-1543.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Butler, Michael C. M.C. Butler. 1988. Search-Based Evaluation of Alternative Design Configurations. Volume 2, Pages 21-27 in, E. Patton and V. Tipnis, eds., Computers in Engineering 1988 (Proceedings). ASME, New York, New York.

Electrical and Computer Engineering

- Michel, Anthony N. R.K. Miller, A.N. Michel and J.A. Farrell. 1988. On Quantization Effects in the Design of Digital Control Systems. Pages 341-343 in, Proceedings of the 12th IMACS World Congress. Paris, France. A.N. Michel, J.A. Farrell and W. Porod. 1988. Qualitative Analysis of Neural
 - Networks: Local Results. Pages 230-232 in, Proceedings of the 12th IMACS World Congress. Paris, France.

Porod, Wolfgang See under Michel, Anthony N. 1988. Pages 230-232 in, Proceedings of the 12th IMACS World Congress. Paris, France.

COLLEGE OF BUSINESS ADMINISTRATION

Finance and Business Economics

Keating, Barry P. B.P. Keating and H.J. Wilson. 1988. Forecasting - Practices and Teachings. The Journal of Business Forecasting 6(3): 10-13. Tavis, Lee A. L.A. Tavis. 1988. Editor. Rekindling Development: Multinational Firms and World Debt. University of Notre Dame Press, Notre Dame, Indiana. 369 pp.

SNITE MUSEUM OF ART

Matthias, Diana C.J. D.C.J. Matthias. 1988. Object-Oriented Education: 3. Images of Nature. <u>Human</u>ities Education 5(3):25-32.

RADIATION LABORATORY

Bohorquez, Maria

See under CHEMISTRY; Patterson, Larry K. 1988. Thin Solid Films 159:133-139.

Kamat, Prashant V. P.V. Kamat and S.K. Gupta. 1988. Electro-polymerization of 9-vinylanthracene: Kinetic Study Using Thin-layer Spectroelectrochemistry. Polymer 29:1329-1334.

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