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the university

debartolo gift to underwrite quadrangle

One of the largest gifts in American higher education--\$33 million--has been given to the University by Edward J. DeBartolo of Youngstown, Ohio. The gift will underwrite a new academic quadrangle on the campus and the construction of its anchor buildings, the \$16 million Edward J. DeBartolo Classroom Facility and the \$14 million Marie P. DeBartolo Center for the Performing Arts, named after DeBartolo's wife who died in 1987. The rest of the benefaction will finance general development of the quadrangle, which will extend southward on the east side of Notre Dame Avenue. The classroom facility is expected to be completed in early 1992 and the performing arts center late that year.

The DeBartolo Classroom Facility, which will be located on the north side of the quadrangle, will be about 130,000 gross square feet and will contain state-of-the-art computer and audiovisual equipment, as well as classrooms, seminar rooms, and lecture halls. Two major features will be a 650-seat auditorium and a 2,400 square feet micro-computer room. The program for the performing arts center has not yet been developed, but it will be home to the musical and theatrical arts and provide the campus with its first auditorium seating more than 800 persons. It will anchor the south end of the DeBartolo Quadrangle.

grace commits to chemistry fellowships

The University has received a \$1 million commitment from the Grace Foundation, Inc. for graduate fellowships in the Department of Chemistry. The Grace Foundation is the philanthropic agency of W.R. Grace & Company, whose chairman and chief executive officer, J. Peter Grace, sits on the University's board of trustees.

Among Grace's other Notre Dame benefactions have been the 11-story undergraduate men's dormitory and the complex of townhouses for women graduate students. Grace was the 1967 recipient of the Laetare Medal, the University's highest honor.

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emerson makes commitment to engineering program

The University has received the first installment of a \$100,000 commitment from the Emerson Electric Co. of St. Louis to establish a junior faculty fellows program in the College of Engineering's Department of Electrical and Computer Engineering. Funds from the Emerson Electric Junior Faculty Fellows Program will be used to support the research of the department's young faculty members and also to underwrite fellowships for graduate assistants.

three trustees elected

Three persons were elected to the Board of Trustees: Aubrey C. Lewis, corporate vice president of the F.W. Woolworth Company, New York, N.Y., Rev. Thomas C. Oddo, C.S.C., president of the University of Portland, Portland, Oreg., and Loret Miller Ruppe, director of the Peace Corps.

Lewis, a 1958 Notre Dame graduate, joined the Woolworth Company in 1967 after five years with the Federal Bureau of Investigation. In his current position he heads an area responsible for government, community, and internal corporate affairs. He served on the board and commission that built the New Jersey Sports Complex and is active in community affairs in New Jersey. He was a consultant to the U.S. Armed Services in dealing with black-white relations on overseas military installations.

Oddo earned bachelor's (1965) and master's in theology (1969) degrees from Notre Dame and a Ph.D. in Christian theology from Harvard University in 1979. He entered the Congregation of Holy Cross in 1965 and was ordained in 1970. He

was an assistant professor of religious studies at Stonehill College from 1974 to his appointment to head the University of Portland in 1982. He has served on Holy Cross Provincial Commissions on Justice and Peace and Continuing Education and is a member of the Task Force on Higher Education and the Provincial Council.

Ruppe, who attended Marymount College in Tarrytown, N.Y., and Marquette University received an honorary doctor of laws degree from Notre Dame in 1984. In 1981, she was appointed director of the the Peace Corps by President Reagan and is the longest tenured in that position. She has been responsible for volunteer programs in Asia, Africa, Latin America, the Caribbean, and the Pacific.

Notre Dame's 49 member board, headed by Donald R. Keough, president and chief operating officer of the Coca-Cola Company, was formed in 1967 when the University changed to lay governance.

faculty salaries remain in top 20th percentile

Notre Dame faculty salaries in 1988-89 remained in the top 20th percentile in the nation, according to figures reported in the annual American Association of University Professors' survey. The average full professor receives a nine-month salary of \$65,700 and total compensation (salary plus fringe benefits) of \$79,600. Figures for associate professor are \$44,500 (\$54,900) and for assistant professor \$38,300 (\$45,800). The figures for all ranks are \$51,200 in salary and \$62,300 for total compensation. This is the fifth consecutive year that Notre Dame faculty salaries have been in the top 20th percentile.

biochemistry department added to chemistry

The Department of Chemistry will become the Department of Chemistry and Biochemistry during the 1989-90 academic year, the Academic Council has decided. The change reflects the sizable teaching and research activities in biochemistry at Notre Dame. The department will also offer a new bachelor's degree program in biochemistry and a graduate program of study and research in biochemistry leading to master's and doctoral degrees.

nd judged best of best

Notre Dame was one of three institutions of higher learning judged "the best of the best" in developing character, according to a survey of college and university presidents and development directors. The survey, commissioned by the Templeton Foundation, an international philanthropic organization, canvassed more than 1,400 colleges and universities asking respondents to nominate five to 12 schools "that encourage the development of strong moral character among students." Most often cited were Notre Dame and Taylor University in Indiana and Wheaton College in Illinois.

students receive awards

Three graduating seniors and a graduate student have received awards from the University's Office of Student Affairs. Kristen E. Williams, a senior from Norwell, Mass., has received the John W. Gardner Student Leadership Award for "outstanding volunteer service beyond the University community." Patrick A. Cooke, a senior from Chicago, Ill., has received the A. Leonard Collins, C.S.C., Award. The Collins award memorializes a Holy Cross priest who was Notre Dame's dean of students from 1957 to 1965. Michael M. Paese, a senior from Harrisburg, Pa., has received a special student affairs award for his willingness "to benefit the larger community." Victor J. Krebs, a graduate student in philosophy from South Bend, Ind., has received a special student affairs award for "his extraordinary leadership role among Notre Dame students."

Reggie Ho, the distinguished five-foot, five-inch, 135-pound place kicker for the national champion football team, has received the Notre Dame Alumni Association's 1989 Distinguished Student Award.

faculty notes

appointments

Nathan O. Hatch, director of the Institute for Scholarship in the Liberal Arts, professor of history, and acting dean of the College of Arts and Letters, has been appointed vice president for advanced studies at Notre Dame by the Board of Trustees.

Hatch who has been at Notre Dame since 1975, will succeed Robert E. Gordon, who is retiring after 18 years as an officer of the University. The vice president for advanced studies has responsibility under the provost's office for the development and well-being of all postbaccalaureate work, the administration of the Graduate School, and all research activity.

Hatch received his B.A. from Wheaton College, his M.A. and Ph.D. from Washington University in St. Louis, and spent a postdoctoral year at Johns Hopkins University before coming to Notre Dame. In 1977-78 he was a fellow at Harvard University's Charles Warren Center for Studies in American History. A specialist in the history of religion in America, he is the co-author of one book and the author of two, the latest of which, The Democratization of American Christianity, won the Albert C. Outler Prize in Ecumenical Church History. Hatch's scholarly studies have been supported by grants from the National Endowment for the Humanities and the American Council of Learned Societies. In 1981 he received Notre Dame's Paul Fenlon Teaching Award in the College of Arts and Letters.

honors

Esmee C. Bellalta, associate professor of architecture, was appointed a member of the Diocesan Liturgical Commission by Bishop John M. D'Arcy, Fort Wayne/South Bend, Ind., March 9.

Jacqueline V. Brogan, assistant professor of English, was appointed to the editorial board of the Wallace Stevens Journal.

Michael J. Francis, professor of government and international studies, has been reappointed as a contributing editor for the Handbook of Latin American Studies published by the Hispanic Institute of the United States Library of Congress. His responsibility is for materials dealing with the international relations of South America.

Janis L. Johnston, associate librarian in the law library, has been appointed to the American Association of Law Libraries, Sponsored Publications Advisory Committee.

Greg Kucich, assistant professor of English, was elected vice president of Interdisciplinary Nineteenth-Century Studies Association.

Rev. Edward A. Malloy, C.S.C., president and professor of theology, has been elected to a 15-member commission created by a world congress of Catholic educators to assist in revising a proposed Vatican document on the Church and Catholic universities.

Rev. Richard A. McCormick, S.J., O'Brien professor of Christian Ethics, has received two honorary degrees: a doctorate of humane letters from the University of San Francisco and another doctorate of humane letters from his alma mater, Loyola University in Chicago.

Thomas V. Morris, associate professor of philosophy, has been selected as a Howard Foundation Fellow of the 1989-90 academic year. He is one of seven fellows selected nationally from nominated applicants. The George A. and Eliza Gardner Howard Foundation is administered by Brown University. Established in 1952, its mission is "to aide the personal development of promising individuals at the crucial middle stages of their careers."

Daniel J. Pasto, professor of chemistry, received the Notre Dame Chapter of Sigma Xi award for the Outstanding Research Paper of 1988.

Lucy S. Payne, assistant professional specialist in the law library, has been awarded a West Publishing Company Scholarship in their eighth AALL Scholarship Program.

Kenneth F. Ripple, professor of law, was appointed to the Advisory Committee on the Bill of Rights of the United States Commission on the Bicentennial of the Constitution, March 1989.

activities

Esme C. Bellalta, associate professor of architecture spoke on "The Gifts of Justice" at the First Unitarian Church, South Bend, Ind., Feb. 21.

Jeffrey H. Bergstrand, assistant professor of finance and business economics, was a discussant of a paper titled "Fiscal Competition and Inter-industry Trade" at the spring 1989 Midwest International Economics Conference at Purdue University in West Lafayette, Ind., April 28-30.

William B. Berry, professor of electrical and computer engineering, served on the selection panel for the Solar Energy Research Institute Photovoltaics University Grants Program at the Institute in Golden, Colo., Jan. 11. Berry and L. Mrig presented a paper "Stability, Performance and Trend Modeling of Amorphous Silicon Photovoltaic Modules" at the 1989 spring meeting of the Materials Research Society in San Diego, Calif., April 27.

Frank J. Bonello, associate professor of economics, appeared on the program "34 Front" on WNIT-TV and was involved in a discussion of the savings and loan crises, Elkhart, Ind., March 23. He presented a paper titled "The Savings and Loan Crises: Causes and Solutions" at the College of the Holy Cross, Worcester, Mass., March 31.

George A. Brinkley Jr., director of Soviet and East European Studies Program and professor of government and international studies, did a series of seven one-day workshops on "Trends in U.S. Soviet Relations" for approximately 1000 high school student leaders sponsored by the Rotary Clubs of Northern Indiana.

Jacqueline V. Brogan, assistant professor of English, presented a paper "Naming the Thief in Babylon: The Moral of the Story" at the International Association of Philosophy and Literature Conference held at Emory University, Atlanta, Ga., May 6.

Joseph A. Buttigieg, chairman and associate professor of English, presented "Gramsci's Influence in the New Left" at the international conference on Intellektuelle und Arbeitsklasse at Hamburger Stiftung fur Sozialgeschichte des 20. Jahrhunderts, Hamburg, West Germany, April 30.

Ian Carmichael, associate professional specialist in the Radiation Laboratory, presented the poster "Ab initio Calculation of Isotropic Hyperfine Splitting Constants from an Augmented Coupled-Cluster Method" at the XXII Midwest Theoretical Chemistry Conference, Indianapolis, Ind., May 11-13.

John Chateaufneuf, research associate in the Radiation Laboratory, presented the paper "Absolute Kinetics of Dichlorocarbene in Solution" at the sixth Great Lakes Symposium in Photochemistry, Ottawa, Ontario, Canada, May 12-14.

Daniel M. Chipman, professional specialist in the Radiation Laboratory, presented the paper "Benchmark Calculations of Spin Densities in First-Row Diatomic Hydrides" at the XXII Midwest Theoretical Chemistry Conference, Indianapolis, Ind., May 11-13.

Robert W. Clausen, guest assistant professor of biological sciences, presented an invited lecture on "AIDS--Its Effect in the Work Place" for the state convention of the Indiana Medical Assistants Association in South Bend, Ind., April 22.

Michael J. Crowe, professor in the Program of Liberal Studies and Graduate Program in the History and Philosophy of Science, presented an invited lecture titled "Duhem and the History and Philosophy of Mathematics" at the conference "Pierre Duhem: Historian and Philosopher of Science" sponsored by Virginia Polytechnic Institute and State University, Blacksburg, Va., March 16-18. He presented the paper "Ten Minconceptions of Mathematics and Its History" at the University of Notre Dame, Notre Dame, Ind., April 20.

James T. Cushing, professor of physics, gave the invited talk "On the Nonacceptance of Viable Theories: The S-Matrix Program and Bohm's Causal Quantum Theory" to the History of Physics Division of the American Physical Society at its meeting in Baltimore, Md., May 2.

John J. Gilligan, director of the Institute for International Peace Studies, Shuster University Professor, and professor of law, presented a lecture titled "The United States and the Third World Challenge" at the International Club of Washburn University in Topeka, Kans., April 13.

Andre Goddu, assistant professor in the Program of Liberal Studies, organized and chaired the session "The Logic of Walter Burley" at the 24th international congress on Medieval Studies at Western Michigan University, Kalamazoo, Mich., May 4-7.

Sonia M. Goltz, assistant professor of management, presented "Learning and Contextual Influences on Recommitment Decisions" co-authored with Michael G. Bowen, assistant professor of management, and Robert P. Vecchio, chairman and Schurz professor of management, at the 32nd annual Midwest Academy of Management, Columbus, Ohio, April 14.

Denis Goulet, O'Neill professor in Education for Justice, Department of Economics, and in the Kellogg Institute, delivered a lecture on "Incentives for Equitable Development" to the International Center for Integrative Studies, New York, N.Y., April 27.

Mark A. Herro, associate professor of electrical and computer engineering, gave an invited lecture titled "Frequency Domain Construction of Multiple-Access Codes" at Texas A & M University, College Station, Tex., April 19.

Carlos Jerez-Farran, assistant professor of modern and classical languages, presented "La Presencia del Arte Expresionista de Solana en Las Visualizaciones Linguisticas de Fiesta al Noroeste de Matute" at the 42nd annual Kentucky Foreign Language Conference, University of Kentucky, Lexington, Ky., April 29.

Robert C. Johansen, professor of government and international studies and senior fellow in the Institute for International Peace Studies, presented a paper on "The Utility of National Uses of Military Force Compared to the Utility of U.N. Peacekeeping Forces," spoke and chaired a panel on "Third World Militarization," and was a panelist on a symposium discussing "Ethical Issues in Contemporary International Relations" at the annual meeting of the International Studies Association held in London, England, March 28-April 1. He spoke on the topic "The Role of the United Nations in the Elimination of War" at the annual banquet of the United Nations Association in South Bend, Ind., April 18. He gave the address "Why a Peace Institute?" to the American Association of University Women in South Bend, Ind., April 19. He served as a panelist and spoke on "The Future of Arms Control" at an arms control symposium held at Manchester College, North Manchester, Ind., April 21.

Prashant V. Kamat, associate professional specialist in the Radiation Laboratory, gave the invited paper "Picosecond Charge Transfer Dynamics in Semiconductor Colloids" at the 175th meeting of the Electrochemical Society, Los Angeles, Calif., May 7-12.

Greg Kucich, assistant professor of English, presented "Romanticism and the Question of Poetic Influence" at the Mid-Hudson MLA Annual Meeting; Poughkeepsie, N.Y., Dec. 5. He served as chair for "Diary and the Creative Act" at the MLA Annual Conference, New Orleans, La., Dec. 28. He presented "Romantic Spenserianism, the Eighteenth Century, and the Case of Cultural Transmission" at Temple University, Philadelphia, Pa., Jan. 28. He presented "Keats and the Consumptions of England's Literary Tradition" at the Interdisciplinary Nineteenth-Century Studies Association annual conference held in Portland, Oreg., April 19. He served as chair for "The Romantic Contract" at that conference, April 10.

George A. Lopez, associate professor of government and international studies and faculty fellow in the Institute for International Peace Studies, presented the paper "The Changing Nature of Global Violence: Implications for Peace Research" at the 30th annual meeting of the International Studies Association, London, England, March 29-April 1. He was elected chair of the Peace Studies Section of the International Studies Association at that meeting. He delivered an address "The Role of Private Initiatives in Stimulating New Approaches to War and Peace: The Role of the MacArthur Foundation" at the annual Baker Peace Studies conference of Ohio University in Athens, Ohio, April 12-13. He delivered the opening address "The Perils of Peace Studies--or Pedagogy as if Pericles Matters" at the inaugural meeting of the Peace Studies Association held at the Fletcher School of Law and Diplomacy, Tufts University, Medford, Mass., April 14. He served as an external evaluator for the undergraduate Peace and Justice program of Tufts University, Medford, Mass., April 23-24. He gave the address "Tensions Between Peace Studies and Security Studies in the Analysis of International Conflict" to the faculty and student symposium of the Arms and Security program of the University of Illinois, Urbana, Ill., April 25.

John M. LoSecco, associate professor of physics, gave the invited talk "Observation and Applications of Atmospheric Neutrinos" at the 12th international workshop on Weak Interactions and Neutrinos, Ginosar, Sea of Galilee, Israel, April 11. He gave the invited talk "Observation of Neutrino Oscillations Using Atmospheric Neutrinos" at a workshop on the Physics and Experimental Techniques of High Energy Neutrino and VHE and UHE Gamma-Ray Particle Astrophysics, Little Rock, Ark., May 11.

John R. Malone, professor emeritus of marketing, made a presentation to graduating law students on "Personal Financial Management" in the Law School at the University of Notre Dame, Notre Dame, Ind., May 3.

Rev. Ernan McMullin, O'Hara professor of philosophy, gave an address "God and the New Physics" at a ceremony to mark the impending retirement of Lewis Salter as president of Wabash College in Crawfordsville, Ind., March 14. He commented on papers by Andrew Lugg and Steve Fuller at a conference on the legacy of Pierre Duhem at Virginia Polytechnic Institute, Blacksburg, Va., March

17-18. He commented on a paper by Stephen Savitt "Selective Realism" at the APA Pacific Division meeting in Oakland, Calif., March 23. He gave a plenary address on "Evolution and Creation: Do We Have to Choose?" at a conference on "Evolution in the Public School Curriculum" at the Cleveland Museum of National History in Cleveland, Ohio, April 8. He spoke on "Selective Anti-realism" in response to a paper by Arthur Fine at the Oberlin Conference, Oberlin, Ohio, April 14-16. He presented a paper on "Aristotle on Demonstration and the Distant" at the APA Central Division meeting in Chicago, Ill., April 29.

Anthony N. Michel, Freimann professor of engineering and McCloskey dean of electrical and computer engineering, presented a paper titled "Analysis Techniques for Hopfield Type Synchronous Discrete Time Neural Networks" with J.A. Farrell and H.F. Sun at the 23rd annual conference on Information Sciences and Systems held at Johns Hopkins University, Baltimore, Md., March 22-24. Michel presented with J.H. Li and J.A. Farrell the papers "Associate Memories Via Synthetic Neural Networks," "Analysis and Synthesis of a Class of Neural Networks: Linear Systems Operating in Saturated Modes," and "A Synthesis Procedure for Hopfield's Continuous Time Content Addressable Memory" at the 1989 IEEE international symposium on Circuits and Systems held in Portland, Oreg., May 8-11. Michel took part in a panel discussion which addressed directions of future research in circuits and systems at that symposium.

Kenneth E. Moore, associate professor of anthropology and director of the Mediterranean/Middle East Studies Program, delivered a lecture titled "Middle Man Minority Regularities: Spanish Jews and the East Indians of Uganda" at Queens University, Belfast, Northern Ireland, April 18.

Leonard Orr, assistant professor of English, delivered a paper titled "Joyce and the Contemporary Cuban Novel: Lezama Lima and Cabrera Infante" at the Foreign Language Conference, University of Kentucky, Lexington, Ky., April 27-29.

Erskine Peters, professor of English, delivered the lecture "Understanding Afro-American Literature: Establishing a Frame of Reference" at Bradley University in Peoria, Ill., April 26.

Alvin Plantinga, O'Brien professor of philosophy, gave the lectures "Actuality, Truth and Truth-in" and "Is Belief in God Rational?" at the University of Pittsburgh, Pittsburgh, Pa., March 30-31. He gave the talks "When Faith and Reason Clash: Evolution and Bible," "Warrant and Basic Belief in God," and "Is Belief in God Rational?" at Liberty University, Lynchburg, Va., April 7.

Wolfgang Porod, associate professor of electrical and computer engineering, attended a meeting of the external advisory board to the National Center for Computational Electronics held in Champaign-Urbana, Ill., May 3.

Kenneth F. Ripple, professor of law, judged the final round of the Frederick Green Moot Court Competition at the College of Law, University of Illinois, Champaign-Urbana, Ill., April 10-11. He also delivered lectures on "The Development of Modern American Choice of Law Theory" and "The Judicial Perspective on Legislative Interpretation" at that competition.

Norlin G. Rueschhoff, professor of accountancy, presented a paper "The Impact of the Multinational Conglomerate Movement on Contemporary Accounting Research" at the Midwest American Accounting Association annual meeting in Minneapolis, Minn., April 21. He also served as a panelist on "Auditing Research in International Accounting" at that meeting.

John F. Santos, professor of psychology and director of the Center for Gerontological Education, Research and Services, began two years of service on the National Institute on Aging (NIA) Advisory Council at the meeting held in Washington, D.C., Jan. 31-Feb. 1. Santos, the only psychologist currently serving on the council, and the other 17 members will advise the Department of Health and Human Services, the National Institutes of Health, and NIA on the special problems and needs of the aged. The council also reviews applications for research and training grants.

Jonathan R. Sapirstein, associate professor of physics, presented the invited talk "Field Theoretic Effects in Highly Charged Ions" at a workshop on Highly Charged Ions: New Physics and Advanced Techniques at Berkeley, Calif., March 13-15.

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/Barown & Bain Law Firm Deposition Program, Phoenix, Ariz., April 13-15. He also gave a lecture to the faculty on Effective Training Techniques at that program.

Phillip R. Sloan, chairman and associate professor in the Program of Liberal Studies, presented the lecture "Revolution and Botany" at the inaugural meeting of the Notre Dame Eighteenth-Century Seminar, University of Notre Dame, Notre Dame, Ind., April 6.

J. Eric Smithburn, professor of law, delivered invited lectures on judicial discretion and practice, jury trial, and evidence law to American trial court judges at the General Jurisdiction session at the National Judicial College at the University of Nevada, Reno, Nev., April 24-25.

Dennis M. Snow, associate professor of mathematics, gave a colloquium lecture titled "Spanning Homogeneous Vector Bundles" at the University of Illinois, Champaign-Urbana, Ill., April 27.

A.L. Soens Jr., associate professor of English, presented "Tarkington: Skating on Thin Ice and Despair; The Theater and the Circus" at the PCA Convention, St. Louis, Mo., April 6. He presented "Popular Fencing on Shakespeare's Stage,"

"English, Italian and Spanish Styles of Killing: Character, Patriotism and Weapons on the Elizabethan Stage," and "Rapier and Dagger: Semantics and Gymnastics on Shakespeare's Stage" at the Adams Elizabethan Festival held at the University of Notre Dame, Notre Dame, Ind., and Adams High School, South Bend, Ind., April 24.

William C. Strieder, professor of chemical engineering, co-authored a paper titled "Knudsen Diffusion Through Thin Porous Films" presented at the AIChE 1989 spring national meeting, Houston, Tex., April 2-6.

Lee A. Tavis, Smith professor of business administration presented the paper "Catholic Social Teaching and the Multinational Manager" in the symposium "The Recent Social Teachings of the Catholic Church: The Making of an Economic Counter Culture?" at the University of Notre Dame, Notre Dame, Ind., April 25. He participated in the Inter-American Foundation Mid-Term Doctoral Conference in Quito, Ecuador, May 16-19.

James I. Taylor, associate dean in the College of Engineering and professor of civil engineering, gave a presentation on ethics in transportation engineering and served as session leader at the workshop "Ethical Issues in Engineering Design" sponsored by the Center for Infrastructure Research at the University of Nebraska, Lincoln, held in Omaha, Nebr., May 4.

J. Kerry Thomas, Nieuwland professor of chemistry, presented an invited talk "Photochemistry in Clays" at Oak Ridge National Laboratory, Oak Ridge, Tenn., April 27. He presented an invited talk "Photochemistry and Architecture in Polyelectrolytes" at the Chemistry Department, University of Tennessee, Knoxville, Tenn., April 28. He gave the invited talk "Photochemistry in Polymer Films" at the IBM meeting on "Polymer Packaging" at IBM, Endicott, N.Y., May 2.

Guudlauqur Thorbergsson, associate professor of mathematics, gave the invited lecture: "An Introduction to Buildings and Applications to Geometry" at Brandeis University, Waltham, Mass., May 8. He lectured on "Isoparametric Submanifolds and Buildings" at Northeastern University, Boston, Mass., May 10.

Kern R. Trembath, visiting assistant professor of theology, gave the guest lecture "The Concept of 'Change' in Catholic Theology" to the Sociology of American Religion at Purdue University, West Lafayette, Ind., April 7. He served as a panel participant for Religious Aspects of Code-Blue and Catastrophe Medical Situations at St. Elizabeth Hospital, Lafayette, Ind., April 26.

Edward Vasta, professor of English, presented a paper "The Dialectical Pilgrimage of Piers Plowman" at the 24th annual international congress on Medieval Studies in Kalamazoo, Mich., May 4-7.

Andrei Walicki, O'Neill professor of history, read the paper "The Problem of 'Nation' in Nineteenth Century Polish Thought" at the symposium "A Nation Without Sovereignty" on the occasion of the exhibition "Nineteenth Century Polish Painting" in the David and Alfred Smart Gallery of the University of Chicago, Chicago, Ill., April 22.

Rev. Joseph L. Walter, C.S.C., chairman of Pre-professional Studies and associate professor of chemistry, as well a national president of Alpha Epsilon Delta, the honorary premedical society, installed the 155th Chapter of the society at Northern Michigan University, Marquette, Mich., April 22. Walter gave the address "Why Belong to an Honor Society?" at the induction banquet for members of Alpha Epsilon Delta at the University of Toledo, Toledo, Ohio, May 7.

Warren J. Wong, professor of mathematics, gave an invited lecture "Rank 1 Preservers on the Unitary Lie Ring" at Marquette University, Milwaukee, Wis., April 27, and also at the University of Wisconsin-Parkside, Kenosha, Wis., April 28.

Kwang-Tzu Yang, Hank professor of aerospace and mechanical engineering, was invited to serve on the Research Initiation Award proposal review panel for the Thermal Systems and Engineering Program of the National Science Foundation, Washington, D.C., March 14-15.

deaths

Bert Liss, benefactor, April 18.

Andrew T. Smithberger, professor emeritus of English, May 6.

Bernard A. Teah, associate faculty fellow emeritus in the Lobund Laboratory, May 7.

L. Leon Bernard, professor emeritus of history, May 9.

administrators' notes

appointments

Joel P. Cooper has been named assistant director for Advanced Applications within User Services, Office of University Computing. He has been functioning in an acting capacity for that position since December and took on permanent responsibilities effective April 15.

Rev. Richard V. Warner, C.S.C., counselor to the president, will assume responsibility for the Office of Campus Ministry, effective July 1. Warner's other duties relate to the Catholic dimension of the University: its relationship to the Church and to other Catholic colleges and universities, as well as the role of its founding religious community, the Congregation of Holy Cross.

honors

James J. Lyphout, assistant vice president for Business Affairs, was elected to the Board of Directors of the Rink Foundation. The foundation, established in 1952 by the late Robert M. Rink of Goshen, Ind., is a non-profit corporation organized for educational purposes and provides funds for scholarship awards at the University of Notre Dame for students from Father Flanagan's Boy's Home, Boys Town, Nebr., as well as from Elkhart and St. Joseph Counties of Northern Indiana.

activities

Sr. Elaine DesRosiers, O.P., director of Educational Media, introduced and lead discussion of five films in a series titled "Where We Live: A Sense of Place in Film" at the Mishawaka-Penn Public Library, Mishawaka, Ind., March 8-April 15. The series was sponsored by the Indiana Humanities Committee and the Mishawaka Friends of the Library.

William J. Hickey Jr., director of University Food Services, gave a talk describing University Food Services to the International Foodservices Manufacturers Association in the North Dining Hall at the University of Notre Dame, Notre Dame, Ind., April 26.

Christine Mengucci, coordinator of Student Development, Student Activities, presented "Micro-counseling Skills for the Paraprofessional" at the BACCHUS 8th Annual National Conference, Chicago, Ill., Nov., 11-13. She was invited by Purdue University for a day-long presentation to peer educators and professionals on "Counseling Techniques and Educational Resources" for a university based peer education program, West Lafayette, Ind., Jan. 14. Mengucci and Karen Leonard, assistant director of Student Activities, were invited by American College Unions International of Region Nine to present a session titled "Motivating Volunteers" at the "Leadership With Conference" program at the University of Notre Dame, Notre Dame, Ind., April 8.

Ellen D. Rogers, assistant director of the Division of Sponsored Programs, participated as a panelist on "The President's Forum on Change in Research Administration" at the Midwest Section Meeting of the Society of Research Administrators held in Dayton, Ohio, April 12-14.

Thomas Streit, C.S.C., rector of Morrissey Hall, Office of Student Affairs, gave a presentation "Vector Competence of North American Aedes albopictus for LaCrosse Virus" at the 55th annual meeting of the American Mosquito Control Association, Cambridge, Mass., April 2-6.

document- tation

minutes of the 228th graduate council meeting march 1, 1989

Dr. Robert E. Gordon, Council chairman, opened the meeting at 3:30 p.m. on March 1, 1989, in the Hayes-Healy Center Board Room.

Members absent and excused: Dean Francis J. Castellino, represented by Dr. John G. Duman; Mr. Robert C. Miller, represented by Dr. George E. Sereiko; Dr. David K. O'Connor (on leave); Dr. Arvind Varma (on leave); Dr. John P. Welle (on leave); Dr. Charles M. Rosenberg; Dr. Paul P. Weinstein.

Council guests: Dr. David L. Cohn, Dr. William G. Gray, Dr. James J. Kolata, Dr. Stephen E. Silliman and Dr. Chris R. Vanden Bossche.

I. MINUTES OF THE 227TH MEETING

The minutes of the previous meeting were approved with the correction of the spelling of Drs. Skurski's and O'Connor's last names.

II. REVIEW OF THE DEPARTMENT OF CIVIL ENGINEERING

Dr. Gordon asked Dr. Klein, chairman of the internal review committee, to present the highlights of his committee's report. Dr. Klein said that his committee commended the Department of Civil Engineering for its thorough and realistic self appraisal. He reported that the department had in the last four years reassigned faculty resources to three areas of specialization and that all reviewers, internal and external, had agreed that two of these areas (bioengineering and water resources) are outstanding, while the third (structures) remains "underdeveloped."

Referring the Council to table 1 on page 3 of the internal review report, Dr. Klein observed that the figures for University support as indicated in the table include both tuition and stipend. He reported a deliberate effort on the part of the department to enroll a greater number of U.S. students. The department, Dr. Klein said, is facing some of the same problems encountered by other doctoral programs in the University, namely a small faculty and a small graduate enrollment. The internal reviewers have recommended that the department take action as soon as possible to fill up the vacant faculty positions, in particular in the structures area, and continue its efforts to increase the number of Ph.D. students and the production of Ph.D. graduates.

Dr. Gordon invited Dr. Kolata to make additional comments. Dr. Kolata reiterated the recommendation already made by Dr. Klein that the number of Ph.D. students be increased, and noted the strength of bioengineering and water resources as opposed to the weakness in structures. He commented on the dramatic change in the department faculty in the last four or five years.

Following the presentation of the internal reviewers, Dr. Gordon called on Dr. Gray to respond. Dr. Gray first offered a correction to a statement on page 2 of the internal review report, concerning the distribution of the full-time faculty in the department. The number of full-time faculty in the Department of Civil Engineering, as corrected, is three full professors, three associates, three assistants, and one instructor. He then turned to table 1 on page 3 of the report. The last entry in this table indicates that the Civil Engineering faculty received a total of \$516,000 in external funding in 1987-88. Dr. Gray pointed out that this amount does not include the following: NSF fellowship support to two graduate students (about \$36,000); funding for the expansion of the research laboratory facilities of the Center for Bioengineering and Pollution Control (about \$300,000); gifts and research grants in cooperation with the faculty in other departments (about \$150,000). If all these amounts are included, the total income of the department from external funding in 1987-88 exceeded one million dollars.

Dr. Gray next commented on the number of Ph.D.'s awarded through the department. As indicated in the table on page 3 of the report, a total of six doctoral degrees have been granted in the last six years, including none in the last two years. However, in the current fiscal year alone, two Ph.D.'s have been awarded to date and another four will be completed by the end of this summer. In other words, a total of six Ph.D.'s will be awarded in 1988-89, which represents a dramatic increase in the production of Ph.D.'s by the department.

Dr. Gray suggested another correction to a statement on page 5 of the internal review report, which says that the department considers "the skill level of administrative staff in the department office" to be a serious deficiency. He assured the Council that there is no problem with the skill level of the staff and that what the departmental self-appraisal actually says is that additional funding for an administrative assistant would enable the faculty to devote more of their energies to teaching and research.

Dr. Gray concluded his response with the following points:

1. The interaction between the undergraduate and graduate programs is an important consideration in faculty hiring and in structuring the course offerings of the department.
2. The quality of research in the department is high and the strategy of the department in identifying a small number of areas and emphasizing them is the right one for Notre Dame. This strategy will allow us to have a growing presence within civil engineering, a field where "top 20" departments average a faculty size three times our own.
3. The department needs the help of the University in assuring that appropriate senior leadership is provided, particularly in the structures area.
4. Library and computing resources in civil engineering are substandard and need improvement.
5. Continued development of the graduate programs of the department toward excellence requires participation of all levels of the University.

Dr. Gordon opened the floor to questions by noting that the Department of Civil Engineering has a strong base in pure science. He asked whether our library holdings are weaker in the pure science, or in the applied science. Dr. Gray answered that they are weak in both and that the problem is, our library is not yet a research library as far as civil engineering is concerned, and that it is underfunded. He said that Princeton, for instance, with the same faculty size may have several times our library resources.

Dr. Kim asked the reason for the recent high faculty turnover. Dr. Gray said the department had received the charge to develop a graduate program and the turnover had enabled the department to bring in new people to do research.

Dr. Klein enquired about the difficulty to fill up the positions in the structures area. Dr. Gray said that, as Dr. Gordon had noted, the department has a strong base in pure science and this makes it more difficult to find people. We have to look for a special kind of individual to fit our needs and resources.

Dr. Scheidt asked Dr. Gray to comment on the selection of external reviewers. Dr. Gray said that although the department had been asked to recommend names, the Office of Advanced Studies had also invited nominations from other sources and the department had not had the chance to comment on the final selection. He recommended that, in the future, departments be allowed the opportunity to comment on the final list before invitations are made. Dr. Powell pointed out that the Office of Advanced Studies invites names from several sources, but in general very few names from sources outside departments have actually been used. Dr. Schlereth asked whether internal reviewers are also invited to submit names. Dr. Powell said no, since internal reviewers are usually invited after external reviewers.

Dr. Buttigieg asked what mechanism this review process has to communicate recommendations concerning the libraries to the library administration. Dr. Gordon said that the library administration is represented on the Graduate Council and he assumed that comments and recommendations concerning the libraries will be duly noted and reported. He added, however, that the problem we face is that the library is underfunded and that this is a general problem affecting the whole University, not just the Department of Civil Engineering.

Dr. Gordon concluded the discussion of the review report by noting that the Department has done an outstanding job in improving its graduate education and research and that its efforts must be recognized. He moved that the Council approve the program without reservation. The motion was carried unanimously. Following the vote, Drs. Cohn, Gray, Kolata, and Silliman left the meeting.

Dr. Gordon apologized to Dr. Michel for not inviting him to comment on the Civil Engineering program review earlier. Dr. Michel said he had nothing to add except to note that Dr. Gray had done a very good job for his department.

III. PROPOSAL FOR A CREATIVE WRITING OPTION FOR THE M.A. PROGRAM IN ENGLISH

The chairman invited Dr. Buttigieg to introduce the proposal. Dr. Buttigieg said that the idea for the proposal had come out of the thorough self-appraisal the department had conducted for the external review. The creative writers on the faculty are among the most productive and prestigious publishers in the department, and their works have achieved widespread recognition. It is odd, therefore, that we do not have creative writing represented in our graduate program. Dr. Buttigieg said he wished to make clear, however, that his department is not really proposing to institute a new program. It will be rather a "new design" within the existing M.A. program. Instead of a new curriculum, there will be a small number of creative writing courses. The teaching will be done mainly through tutorials.

The department is in the process of hiring another creative writer. This will bring the number of creative writers in the department to four and will add strength and visibility to the group. A part of what is being proposed now is already in place. Dr. Buttigieg further assured the Council that the department had no intention to establish an M.F.A. program at Notre Dame.

Dr. Klein asked whether the addition of two or three more semesters to the standard M.A. program could turn away some students and how the department would compete against shorter programs. Dr. Gordon joined Dr. Klein in asking why the department allows only three credits for the thesis in a program requiring 48 credits, while the standard M.A. program of 30 credits allows six credits for the thesis. Dr. Vanden Bossche answered that the proposed program requires 48 credits because the thesis cannot be done in a program requiring only one year of study. However, in addition to the one thesis preparation course of three credits, there will be four tutorials, totalling 12 credits, which will also help with the preparation of the thesis.

Dr. Kenney asked whether any writers, poets, or members of the creative writing faculty have come out of such a program. Dr. Buttigieg said yes.

In response to another question, Dr. Vanden Bossche said that only 24 credits of this master's program will be transferable to the Ph.D. program if the student decides to stay on for doctoral study.

One member felt that this may not be the right direction for a master's program to move in since it would require a significantly longer period to complete and greater financial resources for student support. Dr. Buttigieg said in response that although the proposed program may seem unusual by comparison with the standard master's program, it is the norm in creative writing. The master's program in creative writing and the doctoral program in English or American literature prepare students for two separate professional paths which may sometimes overlap. If the program is approved, the department expects an enrollment of only two or three students.

One member asked how these students would be supported. Completion of 48 credits in two years would preclude most students from serving as teaching assistants. Dr. Buttigieg said that normally these students would be supported with tuition scholarships and, occasionally in the second year, with graduate assistantships.

A member enquired how many creative writing programs there are in the country. Dr. Buttigieg said that every English department of any significant size has an M.A. program in creative writing, and that many of them also have an M.F.A. program.

Dr. Gordon noted that the proposed program will not require a comprehensive examination, only a thesis. He moved that the Graduate Council accept the proposal. The motion was put to the vote and was carried. The new program will begin in the fall of 1990.

IV. CHAIRMAN'S REMARKS

1. Nominating Committee: The Graduate Council nominating committee (Ketchum, chairman, Scheidt and Schlereth) presented a slate of six nominees for the three vacant seats on the Council: Drs. Yih-Fang Huang and Albert E. Miller for the Engineering seat; Drs. Frederick W. Goetz and Francis X. Connolly for the Science seat; Drs. Charles R. Crowell and Edward A. Goerner for the Social Sciences seat. The election would be held later in March.

2. Jesse H. Jones Funds: Four out of 19 proposals to the Equipment Fund and 10 out of 20 proposals to the Faculty Research Fund had received support. There was \$6,000 in balance in the Faculty Research Travel Fund.

3. Zahm Research Travel Fund: This fund had been exhausted for the remaining part of the fiscal year.

Dr. Gordon introduced Dr. Keane, dean of the College of Business Administration and a new member, to the Council.

V. OTHER BUSINESS

Since there was no other business, the meeting was adjourned at 4:45 p.m.

minutes of the academic council meeting april 12, 1989

Members in attendance: Rev. Edward A. Malloy, Prof. Timothy O'Meara, Rev. E. William Beauchamp, Prof. Roger Schmitz, Rev. David Tyson, Prof. Robert Gordon; Deans Francis Castellino, John Keane, Emil Hofman, David Link, and Anthony Michel; Rev. James Burtchaell; Professors Frederick Crosson, Leo Despres, Fernand Dutille, Michael Etzel, Mark Herro, Barry Keating, Jerry Marley, William McGlinn, Dian Murray, Leonard Orr, Mark Pilkinton, Philip Quinn, and William Shephard; Mr. J. Douglas Archer, Mr. Robert C. Miller, Dr. James Powell, Dr. Ellen Weaver, Dr. Kathleen Maas Weigert; Students Christopher Harris, Daniel Gerlach, and Kevin Passino. Dr. Roger Skurski attended as a substitute for Dean Nathan Hatch.

Observers in attendance: Capt. George Dewhirst.

Guests: Drs. Roger Bretthauer, JoAnn DellaNeva, and Paul Helquist

Professor O'Meara opened the meeting at 3:00 p.m. with a prayer.

1. **Minutes.** The minutes of the Academic Council meeting of February 28, 1989, were approved as presented.

2. **Preliminary discussion of the possibility of reserving sections of some residence halls for foreign language students.** Professor O'Meara introduced this subject and pointed out that it was being brought to the council for discussion, not for action. Such discussion may serve as a starting point for further consideration by the Office of Student Affairs and for possible recommendations to the officers of the University. He then asked Dr. DellaNeva, who suggested this item, to present a brief description.

The notion presented by Dr. DellaNeva was to establish a "Romance Language House" which would actually be a section of one of the University's residence halls. Those students who chose to be residents in the house would pledge to speak only the target language among themselves. Included among the residents would be an individual who is a native speaker of the language, perhaps serving as a resident assistant or a rector. The house could serve as an educational center for the language and for surrounding cultural activities (lectures, films, etc.). No restrictions on residents in terms of major field of study, year of study, or sex would be applied, but an intermediate level of language proficiency would be required. She pointed out that models of similar housing arrangements have been in operation at several other universities for some years.

Among the benefits cited by Dr. DellaNeva were the enhancement and fostering of

- fluency in the students' learned language through the natural course of daily routines and experiences,
- the international dimension of the University and participation in the foreign study programs,
- intellectual life and environment in the residence halls,
- an on-going awareness of cultural diversities.

She noted that the coresidential nature of the house, while not in itself a fundamental part of the plan, would be in keeping with some of the sentiments expressed in the recent report of the Task Force on Residentiality.

She reported on a recent informal poll, taken by herself, of 68 seniors who would have been likely candidates for residency in such a house. Among expressions of various levels of interest, 26 responded that they would have been strongly interested and eight would have no interest.

The discussion from the floor reiterated the intrinsic merits and potential benefits of the plan and also brought to the fore a number of concerns about its viability. Some members expressed the feeling that the present stay-hall system and the intense hall loyalties and camaraderies which develop would work against the attraction of a critical mass of students to such a house. Some felt that coresidentiality would be a serious obstacle while groups of a single sex with sufficient language proficiency would be too small in size. The concern was also expressed that segregating language students in this

manner might be viewed as a form of elitism by many students. Suggestions were made to consider alternative ways of accomplishing many of the objectives of this plan, including club activities and special table arrangements in the dining halls.

Some members suggested that the plan merited a trial rather than a yes or no answer a priori. Those expressing support for this approach pointed out that some issues are best identified, evaluated, and confronted in an actual experiment.

Fr. Malloy concluded the discussion by suggesting that members put further thoughts in writing and that feedback be solicited from students through the student government. Fr. Tyson will obtain comments and suggestions from rectors and others under the Office of Student Affairs.

3. Faculty Senate proposal to amend Academic Article IV:3(f). Dr. Weaver, chairwoman of the Faculty Senate, presented this proposal which would amend the first paragraph of Academic Article IV:3(f) to add an elected member of the library faculty to the University Committee on Libraries as follows.

(Underlined parts are proposed additions to the present version of this paragraph; bracketed parts are proposed deletions from it.)

The University Committee on Libraries consists of the Director of University Libraries and [six] seven members of the [Teaching-and-Research] Faculty, one from the Library Faculty and six from the Teaching-and-Research Faculty. The six from the Teaching-and-Research Faculty include one from each of the four Colleges and two members elected at large. Members serve three-year terms, with the elections of the six members of the Teaching-and-Research Faculty so arranged that two members retire[ing] each year. Election of the Library Faculty member is by the Library Faculty. Election of members representing the Colleges is by the Teaching-and-Research Faculty in the respective College; election of the members-at-large is by vote of the Teaching-and-Research Faculty at large. Two members of the Teaching-and-Research Faculty are elected each year from four nominees presented by the committee; one member of the Library Faculty is elected every third year from two nominees presented by the committee. Nominations may be presented for a member-at-large, if at least 25 faculty members present a signed petition nominating another candidate; and for a member representing a College or the Library, if at least 10 faculty members [in] respectively from that College or from the Library present a signed petition nominating another candidate. The names of faculty members so nominated are added to the ballot. This committee elects one of its members to chair it.

Dr. Weaver deferred further comment to Mr. Miller, who added that the proposal is partly attributable to recommendations made by both the internal and external subgroups of a graduate review committee in a recent review of the library.

In response to a question raised in the discussion of the proposal, it was pointed out that the University Committee on Libraries is no longer viewed as strictly a committee of users, but as one which should include both the users and the providers of the services.

A motion to approve the proposed amendment carried without dissent.

4. Further amendment of Academic Article IV:3(f). A motion to replace the sixth sentence of Article IV:3(f), as amended above, with the following two sentences was introduced and passed without dissent.

Two members of the Teaching and Research Faculty are elected each year from four nominees presented by the University Committee on Elections for at-large members or the respective college Elections Committees for college representatives. One member of the Library Faculty is elected every third year from two nominees presented by the University Libraries Committee on Nominations and Elections.

5. A proposal to change the name and degree offerings of the Department of Chemistry. The College of Science presented a proposal to change the name of the Department of Chemistry to the Department of Chemistry and Biochemistry and to offer within that department a new bachelor's degree program in biochemistry. The department would also offer a graduate program of study and research in biochemistry leading to master's and Ph.D. degrees. Council members received a written description of the proposal in advance of the meeting, and Drs. Bretthauer and Helquist presented a summary description.

In their presentation, Drs. Bretthauer and Helquist pointed out that Notre Dame is one of the few major universities in the country which do not formally recognize the discipline of biochemistry in the title of an academic unit. They noted that teaching and research activities in that discipline are currently functioning well at Notre Dame and have grown to the extent that six faculty are now involved and another will soon be added. Official recognition in a department title would add visibility to these activities and help attract faculty, students, and outside funding, they felt. They reported that the proposal has the enthusiastic support of the Department of Chemistry and the College Council.

They described the proposed undergraduate curriculum as differing only slightly from the present biochemistry program which leads to a bachelor of science in chemistry. No formal academic changes are involved for graduate degrees. The proposed changes do not entail added costs.

In response to questions and discussion from the floor, Dr. Helquist stated that the present size of biochemistry operations is too small for department status by itself and that its best location is with chemistry, as opposed to biology or the like, because of the need to share chemistry's resources including equipment and space.

A lengthy discussion followed as to whether the proposal, or any of its parts, requires Council approval and as to whether the Council should act on the graduate portion before the Graduate Council has approved it. The conclusion, regarding the latter, was that the Graduate Council should act first.

The motion was made, seconded and passed without dissent that the Department of Chemistry be renamed Department of Chemistry and Biochemistry and that a degree program be offered within that department leading to a bachelor of science in biochemistry.

The Council adjourned at 5:00 p.m.

Respectfully submitted,

Roger A. Schmitz
secretary of the Academic Council

faculty senate journal january 26, 1989

The Chair F. Ellen Weaver opened the meeting in room 100-104 of the Center for Continuing Education at 7:31 p.m. After an opening prayer, the Senate voted to accept the journals of November 14, and December 7, 1988, as corrected. The remainder of the meeting was devoted to our guest, the provost of the University, Prof. Timothy O'Meara.

The provost followed his usual format of answering questions from the floor. Prof. Harvey Bender initiated the questioning by asking how are things going at Notre Dame. Dr. O'Meara answered briefly that things are going well, that we are headed in the proper direction and that our finances are in good shape. It is time to stop talking about "the transition" and attend to the real business at hand. He also stated that one of the fundamental challenges of American Catholic education, is that American Catholics--who have now learned how to make money--are not yet engaged in the creative life of the mind. We have to try to instill that in our students, and we have a way to go in that area.

Prof. Margaret Porter questioned him on the University library system, especially in regard to the space problem in the departmental libraries. The provost answered that through our experience in developing a plan for computing, we now have the capability of preparing a long-range library plan. Meantime we are addressing library problems in a variety of ways. For instance even though the new budget will allow for no "add-ons" elsewhere, the library was excepted because the cost of books is skyrocketing; one percent of the non-salary budget across the rest of the University is being transferred and added to the normal increment for the library. Although gains are not as dramatic as in the area of computing, there have been substantial improvements in the library, and more are to come.

A question on faculty teaching load was raised by Prof. J. Keith Rigby. He was told that in the College of Arts and Letters enrollments have gone up so much that the same number of faculty now must teach 10 times the number of student hours. Rigby asked if there was a plan--similar to the long-range computer plan--to analyze and develop curriculum, and to evaluate faculty size and the equity of teaching load. In answer, the provost said that an analogy could not easily be drawn between the two. On curriculum, departments and colleges conduct regular reviews. About four years ago there was a University-wide review. On faculty, Arts and Letters has the greatest need for an increase in size (followed by Business Administration, then Engineering and Science). In the decade of the 70s, when Arts and Letters undergraduate enrollment fell from 40 percent to 30 percent of the University total, no positions were taken. However in the 80s, when enrollment rose over the 40 percent mark, some positions were added. On the other hand, research responsibilities have increased. Serious shortages exist in Modern Languages and English (also in the Freshman Writing Program and Mathematics). Since faculty cannot be readily shifted around, an increase in the size of the faculty is needed. Faculty size in Arts and Letters and in Business Administration are high priorities.

Prof. Leo Despres prefaced his question by saying that he has never seen faculty morale so low and by commenting that students pay high tuition here only to discover that they are placed in huge class sections. Over the past 10 years the research orientation of the faculty has engendered reduced teaching loads but no additional faculty to take up the slack. Is there a serious effort ongoing to address this? Prof. O'Meara disagreed that the faculty has been reduced; regular teaching and research faculty has increased, but it is still not adequate, and it has not kept pace. The need is real, and we will come to grips with it.

Prof. Jacqueline Brogan commented on the low morale issue, especially of the humanities faculty. There was talk at a recent dinner about the writing off of the humanities, even in the sesquicentennial celebration. Would the provost reassure the humanists that they are not being written off? In answer the provost talked about a brainstorming meeting with endowed chair-holders where some scientists described with gusto the role of science in the future of humankind. Prof. Philip Quinn, who was present, concurred with the provost that the meeting in question should not be seen as an attempt to undervalue or write off the humanities. O'Meara reassured her that there was no intent whatsoever to devalue the humanities at this University.

In returning to the question of the library, Mr. Alan Krieger asked if there is any coordination between new program ideas and disciplines and the growth of the library? O'Meara replied that hiring new chairholders always impacts on the library, and it is a consideration. The problem is recognized and taken into account, but there are limits as to what can be done, given the nature of our hiring process for distinguished faculty.

Prof. Patrick Murphy inquired about new construction. The ROTC, band, physics, law, and Kellogg Peace Institute buildings are firm or well on the way to completion. We do not have the \$15 million for the classroom building, but it is pretty firm and will go up in two or three years. Science needs an undergraduate laboratory building; if the business school goes ahead with its graduate program, and if benefactions come through, it should have a new building; a fine and performing arts center is being contemplated.

Pro. Kathleen Biddick asked about the newly-proposed College Fellows for Teaching: Who are they, what are they to do? How does the administration envision these posts in terms of bringing women and gender studies and computing into the classroom? How would they be integrated? In answer, the provost indicated that these positions would be in the colleges and not University-wide. He suggested that a model exists for the University in Tom Swartz's position within Arts and Letters.

Prof. Charles Rice returned to the question of teaching load. Have there been reductions in teaching load and in the size of the faculty? The faculty size has increased, said the provost. Between 1977 and 1987 there had been no significant increase in average class size, the number of teaching assistants had declined, and the number of adjunct faculty had risen. But in the last two years, especially because of Arts and Letters enrollment increases, there has been a problem. In 1978 the teaching load in Arts and Letters and Business Administration was 3+3, 2+2 in Science, and 2+1 (at times) in Engineering. But now in Arts and Letters and Business Administration it is 3+2 in most cases. Science is 2+1. Mathematics teaching especially has benefited through recent reorganization involving bigger sections with master teachers.

Prof. Philip Quinn raised the grim situation of minority faculty recruitment. What is Notre Dame's position, and what do we plan to do to speed up the pipeline? The provost revealed that 14 Affirmative Action positions had been identified in the Colleges. In

some cases where there are virtually no Blacks and Hispanics and small numbers of women, we have encouraged the hiring of women as a first step. Regarding undergraduates, our goal was 15 percent freshmen minorities by 1991, and we are moving rapidly toward that (13 percent now) through better scholarship opportunities. In Advanced Studies special post-doctoral fellowships and graduate stipends are available. Prof. William Fairley asked about the potential case of a woman candidate who met all qualifications but did not precisely and exactly meet the needs of the department. The provost suggested that on the basis of what he had just heard, she did!

Prof. Thomas Flint asked about the parental leave policy which the Faculty Senate had recommended and sent to the Academic Council where it was rejected. The provost reviewed his remembrance of the recommendation and objected to a provision whereby the tenure clock would be stopped while the faculty member continued to teach. But Flint said that was not the Faculty Senate recommendation. After Flint explained the Senate's proposal, assisted by Prof. JoAnn DellaNeva, the provost said that must have been a recommendation which Fr. Malloy had sent to the Senate for further consideration.

On the question of the benefits package, Prof. Pamela Falkenberg asked if the University was going to give the same attention to this issue as it has done so dramatically over the past 10 years to raising faculty salaries. Benefits, the provost answered, are relative too: Where are we in relation to other institutions? The director of Human Resources reports our position on total compensation as good, with tuition very good, but on benefits alone only medium. Specifically on the health benefit, even with the losses, which the provost obviously does not personally like, we are still relatively good. Other schools did what we are doing some time ago. The new rate for Blue Cross would have been too much for the University to bear. For the retirees, he knows it will be difficult. He sympathizes and understands both sides of the question and supports the final resolution.

Prof. D. Chris Anderson asked if an old idea might still be valid. About 10 years ago there was a movement to create a "College of Social and Behavioral Sciences," whereby Arts and Letters would be split and resources applied more equitably. Might this be revived? The provost responded by saying he remembered an idea of putting Science into Arts and Letters, but not the one brought up in the question. He does not envision any revival of either, but the question can be raised anew.

Prof. Ray Powell returned to health benefits. We seem to have chosen a wholly wrong year and done the wholly wrong thing in revamping our health benefits package, since Blue Cross experienced one of its worst years. Is it right to do this at this time, and how will we be served in the future? Will the Senate's request for a continuing review be honored? The provost responded that, projecting the last five years into the future, things can be expected to get worse on the national level. New medical procedures, heightened expectations, and general medical inflation drive the costs ever higher.

Prof. Robert Miller questioned the provost on the apparently changing standards for promotion and tenure. Will research play a more important role in the future? In response the provost said standards have not changed significantly during the last one or two years. We have high standards and appointments are made with the expectations that these high standards will be applied at promotion time.

Also on the question of tenure, Prof. Clark Power wondered if the provost was happy with the communication aspect of the decision. Are reasons spelled out? And before that, are expectations spelled out? Virtually all of the young faculty are basically qualified to be here, according to the provost. In the final analysis, tenure is a judgmental decision on the quality of the work not just on basic qualifications of the person. In cases of a negative decision, the provost remarked, the person who keeps seeking reasons finds no reason satisfactory and efforts to clarify, in the provost's experience, lead one to wonder if any reason will satisfy.

Also on the tenure process, Prof. Paul Conway asked if there was data on the success rate of the appeals process. The provost answered that virtually no decisions are overturned on appeals. The appeals process is called upon generally once or twice a year (perhaps four or five this year).

Prof. Donald Sporleder wondered about the planning effort of the University in regard to the new buildings being considered. Will there be faculty input; will the total University community be involved in the planning for buildings and space? According to the provost, it would not be practical to broaden the scope of the planning effort to the total University community. Rigby interjected and asked who is looking out for the trees and parking. Fr. Malloy found out, prior to taking office, that there is a great feeling for the aesthetics of the campus, said the provost. We are concerned about the perception

of the total community but how can one incorporate input from such a large source into a plan of action. Prof. James McCarthy pointed out that some development at this time can stifle other, much-needed later development.

Prof. Anderson brought up the sexual harassment policy, recently published. Organizations of all sizes and intents are bringing in outside experts to study the situation. Anderson believes Notre Dame should do likewise. The provost responded that the policy has existed for some time, and has been applied rigorously in response to individual cases. Is there a serious problem?

Anderson responded that it is a litigious issue, the definition is cloudy, and we need to come to grips with it. Prof. Kathleen Biddick asked for a clearer articulation of the procedures here, and the University should take note. The provost asked that incidents of sexual harassment be brought to the attention of the appropriate dean, to Sr. John, or to himself.

Prof. Brogan pointed out the incongruity, in the year of cultural diversity, of requiring a very limited choice of foreign languages to fulfill the language requirement for an advanced degree. The provost reported the deans' support of a universal undergraduate language requirement especially in the light of the desire to internationalize the curriculum. But new resources will have to be forthcoming.

Prof. Brogan further asked, on another topic, what is Notre Dame doing about on-campus child care, which parents would pay for? The provost asked her to write to him with ideas and recommendations, so that he might raise the level of consciousness.

Prof. Charles Parnell wondered about the new performing arts center. He is very interested in it, but wants to know what is planned for it. According to the provost, it will be at the south entry to campus. Also the provost said he is convinced that we should be more engaged in the arts on this campus.

Rigby asked about foreign studies and the lack of science courses in them. There ought to be more opportunity for this. The provost would like to see significantly more Notre Dame students involved in foreign study programs. DellaNeva pointed out the difficulty with Engineering. The provost said some curricula will require creative solutions to solve these problems.

Prof. Robert Kerby asked that consideration be given to freezing the conversion of classrooms to other uses, like offices. The provost said it is another consequence of growth. If we have new faculty, we need office space. So a variety of tensions have to be balanced until new resources are in place.

The chair thanked the provost for his comments, and the meeting was adjourned at 9:10 p.m.

Members in attendance: Anderson, Bell, Bender, Biddick, Bonello, Borelli, Brogan, Collins, Conway, DellaNeva, Despres, Dewhirst, Etzel, Fairley, Falkenberg, Fessenden, Flint, Gad-el-Hak, Goddu, Gorski, Halloran, Herro, Kerby, Kolettis, Krieger, Lombardo, McCarthy, Moran, Miller, Murphy, Olivera-Williams, Parnell, Petersen, Porter, Powell, Power, Quinn, Rai, Rice, Rigby, Sporleder, Weaver.

Members excused: Gorski, Fallon.

Members absent: Bandyopadhyay, Bunker, Devron, Harmatiuk, Hayes, Huang, Pien, Pilkinton.

Respectfully submitted,

Peter J. Lombardo Jr.
co-secretary

faculty senate journal

february 5, 1989

The Chair Prof. F. Ellen Weaver called the meeting to order at 7:35 p.m. in room 202 of the Center for Continuing Education. After a prayer was offered by Prof. Ray Powell, she moved to the procedures for elections for a variety of campus organizations. Ballots had been mailed to the senators and were collected for counting. The Senate nominates six to eight candidates for the Academic and Faculty Affairs Committee of the Board of Trustees; these are then voted upon in a faculty-wide referendum to choose two to sit on that committee; the Senate elects one member to the Board of Traffic and Parking Appeals, and the runner-up serves as alternate; the Senate elects one member of the Campus Life Council, on which the chair of its Student Affairs Committee serves ex-officio; the Senate nominates 12 members for the Judicial Review Board. The staff secretary will count the votes, and the chair will report the results at a later meeting.

Our guests for the evening not having arrived, the chair moved to new business. Prof. Jacqueline Brogan rose to report on the work of the Committee on the Status of Women. The committee wishes the Senate to take immediate action on these items: a parental leave policy for Notre Dame, some changes in the sexual harassment policy, and a questionnaire to gather data on the status of women on the faculty at Notre Dame. Prof. JoAnn Della Neva led the discussion for the committee on a new resolution on parental leave (see Appendix A of this journal). Prof. Harvey Bender asked how many faculty members would be affected by this policy. DellaNeve pointed out that that topic had been discussed in the Senate's original resolution. Prof. Thomas Flint recalled that a study done two years ago by Prof. Teresa Ghilarducci estimated a cost between \$98,000 and \$120,000 annually to implement such a policy.

Prof. Robert Kerby spoke in favor of toughening the language in the proposed resolution, from "considering" to "implementing," for instance. Flint replied that the committee and the Senate want to see some policy implemented expeditiously. Prof. Mohamed Gad-el-Hak was bothered by the fact that Senate resolutions seem to get nowhere: They appear to die once passed by the Senate for lack of action by the administration. Just what is the role of the Senate in the governance of the University? The chair indicated that this specific resolution fell between the cracks, since the Academic Council two years ago felt it was not the proper forum to debate this issue Gad-el-Hak's point is well-taken in a general sense and needs discussion.

Prof. D. Chris Anderson thought some of the language was "whiney" and needed to be clarified; for instance the clause on family values as a visible sign of commitment was unnecessary and should be struck. Prof. Mario Borelli concurred partially; he would strike the family values phrase but keep in the visible sign language as an important ideal for the University. Prof. Philip Quinn noted that the portion on the family tied in cleverly with the conclusion of the resolution and ought to be kept.

At this point the discussion was suspended to allow our guests to take the floor: Roger Mullins, director of Human Resources and two of his staff, Rita Gautier and James Frain, and Nathan Hatch, dean of the College of Arts and Letters and co-chair of the task force on benefits with Mullins. There followed a long discussion in question and answer style on the new benefits package; Mullins took the lead. Prof. Robert Miller asked about the Internal Revenue base for TIAA/CREF contributions vs. the FICA wage base. Early on, said Mullins, the IRS suggested that the \$18,900 base had to be raised to the FICA base of \$48,000; the University would not want to do that because a significant number of people would be penalized. After our protests and those of others, IRS delayed issuing its formal rules: 403 (b) plans need not comply, but not until this date has the IRS let us know what the rules are. His initial impression is that we will have a "safe harbor" for two years. But the issue needs both immediate and long-range study.

Prof. Paul Conway wanted to know why anyone would lose; Notre Dame could adjust its payment strategy in one way or another to prevent anyone's losing. Mullins replied that under the scenarios worked out (\$0 breakpoint or averging everyone at 7 3/4 percent) the costs were prohibitive or there would still be losers; even here several options were tied to get around any adverse impact. We did not accept the IRS ruling, we fought to have it changed, and it seems to have worked. The goal was to have no one lose, and to have IRS make rules in compliance with their own spirit of equalizing benefits for everyone.

Moving to the heart of the Senate's invitation for this discussion. Prof. Frank Bonello expressed his dissatisfaction with the administration's response to the Senate's resolution on the benefits package. It was not directed to the benefits task force, but to the officers, and was intended to voice the Senate's view that it, as the elected representatives of the faculty, should have some voice in these major decisions; this is especially so since its own benefits committee has done such extensive work in this area. Anticipating future crises, Bonello asked for Mullins' and Hatch's views on the place of the Senate, suggestions for its greater involvement and assistance in this work. Hatch replied simply that the administration asked him to chair the task force; Bonello interjected that he was not restricted for information to members of the task force only. For Hatch the facts that the provost appointed the task force, that its work was complicated, and that it had to complete it expeditiously forced to seek little if any outside information. Bonello made the further point that others on campus, especially those in the College of Business Administration, in the Economics Department and in the Senate, have useful expertise in this field and might have assisted the task force in its work. The recommendation has merit and should be considered for the future, said Hatch. Mullins added that, while the issues were complex and the legal technicalities were numerous, he did receive valuable advice from faculty members which Hatch did not know about. Mullins did consult with members of the business faculty to test his own conceptual ideas to see if they made sense. If there is to be criticism for not getting faculty input, it should be directed at him.

Hatch explained further that the more broad the question became, the more difficult it was to handle. Their original mandate was to study the philosophy of the benefits issue; when the larger questions of the huge Blue Cross/Blue Shield price hike and the equality of benefits arose, they had a very complex task indeed, and their first priority was to save the very important retirement plan for everyone. This was in line with University priorities and legal matters.

Prof. Clark Power returned to the issue of the Faculty Senate and the administration's perception of its place in the University. Since the Senate represents the faculty's interests and there was no expectation that the task force would represent in reality anyone but themselves, what was the thinking behind the lack of contact between the task force and the Senate? Mullins answered that he had high regard for the Senate and its work, so high in fact that he has made a conscious effort to consult with the Senate through this whole process. But the question of the role of Senate in the life of the University is one that goes beyond his scope of authority. It is a valid question, but others need to answer it, not him.

Continuing on the question of consultation, Kerby wanted to know who of the faculty were consulted and how these were chosen. According to Mullins he selected several for advice, in a way he believed would be representative of both sides of the issue. He went to those he knew and respected, and they in turn along with their own advice suggested others for consultation. Kerby pressed the issue further by asking if consultation would take place only when it was convenient. Mullins would not comment on that point, and Kerby stated his belief that an effort at faculty unionization might be the only way to make effective and true our voice in such matters. This general line of thinking on the faults in the process was pursued by Quinn who asked rhetorically who can give good advice. The Human Resources Department, the task force, even the administration can choose those to do so, but is that the way to handle it? Benefits at Notre Dame are not negotiated, so the process used to set them up has to be creditable for the results to be accepted. If Mullins did keep the Senate informed, but the Senate had no direct role in the process, the results would not be completely creditable. This is another of the administration's credibility problems. Noting that Mullins was on the firing line, Quinn concluded that the issues involved and the process were troublesome, and that he hoped the administration would be more adept at selling the program than it was in setting it up. Hatch wanted it noted that the task force did consult with the chair of the Senate benefits committee. Bonello repeated his view that the Senate's resolution on benefits was directed at the administration not the Human Resources Department. Hatch asked if that was the feeling of the Senate, and Quinn, speaking for what seemed to be a majority, responded in the affirmative.

The chair moved the discussion to another aspect of the question. Weaver, noting that Saint Mary's College has a fine benefits package, asked if there had been any discussion of merging the two plans to gain perhaps better rates. Mullins replied that they have been interested in our new directions and are thinking of going our way. Miller wanted to know when we might anticipate a rate change, and Mullins said it would be on a calendar year basis after December 31, 1989. Further, the University will look each year at what it is able to afford in benefits and will have to adjust its contribution and ask its employees to adjust theirs accordingly.

Gad-el-Hak returned to the Senate's resolution on benefits. It was directed at the administration as the implementor of the suggestions from the task force, so our criticism is not of the task force but is of the administration. Do Hatch and Mullins come to the Senate as the representatives of the administration as a result of the Senate's resolution? Hatch responded that he did not represent the administration. Gad-el-Hak asked if future increases would be passed along to faculty and staff? Mullins said the resolution was addressed to both Hatch and himself as co-chairs of the task force; thus they both felt they should come to the Senate. Borelli asked who addressed the resolution to him in particular. Weaver said her sense of the Senate was to send the resolution and invitation to the co-chairs of the task force. Borelli pressed Mullins on the representation point, that as director of Human Resources he could appoint and/or consult with anyone. Mullins clarified his understanding: The resolution did not read as addressed to the task force, but the invitation to respond did. Mullins did not feel he had the power to consult officially with the Senate benefits committee. Gad-el-Hak asked if Mullins would be the person designated by the officers to respond to the resolution. Since it was addressed to them and they have not to this point answered, is tonight's appearance their response? Mullins replied that he would ask about an official response, but the appearance of Mullins and Hatch was not it. Prof. Karamjit Rai commented that the Senate asked for a response; and it has not been forthcoming; as director of Human Resources, Mullins could do so tonight, if he cared to. In his answer, Mullins tried to understand what the Senate wanted: Was it to be included in future reviews? Gad-el-Hak said that was only part of it; more deeply, the Senate is protesting the way the task force operated and is asking for a complete reconsideration of the decision with the Faculty Senate involved in the reconsideration.

Biddick felt a careful reading of the resolution was appropriate, which she did. Hatch thought the resolution had a helpful suggestion: The Senate should be involved, but at this point it is late and the program is going forward. The task force made an exhaustive and extensive survey of the whole benefits question. Reviewing the history of the relations between the administration and the Benefits Committee, Hatch felt that the question of confidentiality arose too frequently. If in the future the committee is to be involved, and he thinks it should be, that matter needs to be resolved.

Brogan commented in a helpful manner that issues were complex and no criticism should be taken personally. The real fear is the future: Will our salaries be eaten away when the University drops more and more commitments? Mullins thanked her for the remarks. Everyone should know that Notre Dame will remain competitive in the total compensation area; parts of the benefit package need to be carefully monitored, and the officers are committed to that. He cannot say there will be no further erosion; costs are not under control, but if further costs have to be passed on, they will be carefully reviewed. Brogan felt we simply have here a manifestation of a national cultural anxiety over the future. Mullins could not say there would be a cap on health costs. The guidelines of the University, according to Hatch, included rising costs to the University for health care, but there was a point at which the employees had to share. The anticipation is that the University will continue to be competitive. Brogan appreciated the fact that Notre Dame absorbed all increases from September to April.

Prof. Harvey Bender wanted it clear that, for better or worse, the Senate is the representative body of the faculty and is the appropriate body for the administration to deal with.

Speaking for retirees, Prof. Charles Parnell pointed out that the talk about total compensation meant little: Retirees generally do not see the erosion of health benefits compensated for by higher salaries. They are part of the Senate and feel that their interests also are represented in the Senate. Biddick asked to whom should graduate students speak about changes and problems in their coverage? Frain thought perhaps the Student Health Center, but Mullins believed they probably should work through the Office of Advanced Studies.

Before Prof. Dennis Moran asked several specific questions, he commented that it seemed to be a mistake on someone's part that no official response was made to the Senate resolution, and earlier on someone should have consulted with the Senate--if only to avoid future problems. That said, he asked what would happen if someone failed to fill out the proper forms for the new system? Mullins responded that the person would receive \$300/deductible single coverage and \$12,500 in life insurance. Why is there so much time between the date our forms are due and the date of effective coverage? Human Resources needs time to process all forms, and allow for a special verification/change procedure. What aids are available to someone to help make decisions? The sessions that Human Resources are conducting provide information and clarification of all the issues. How are the sessions going? Well--people may not feel good about the coverage, but they are

getting the information they need to make an informed decision. Borelli asked what the precise definitions of family and dependents are. Anyone up to age 23, unless physically or mentally dependent, said Mullins. Borelli brought up the situation of a parent declared as a dependent on IRS forms. Frain and Mullins conferred and needed to check further on that point.

Prof. Steven Bell reiterated the Senate appreciation of their hard work within the parameters given to them on these issues. What is the national health costs index to which Hatch referred earlier? Mullins replied that was the "trending factor" which we monitor, one criterion for future increases. The University wants to continue to absorb the majority of costs of health care. Bell further asked who decides on the amount Notre Dame absorbs. Human Resources decides on the design of the package, but dollar decisions and allocation are beyond the scope of his office. Power wanted to know what the reaction of the staff has been to the changes. Mullins replied that his office has spoken to 80 percent or so of the staff. No one likes to spend more on health, but they know and understand the problem and accept the University's contribution to the solution. Human Resources tried to analyze what amount of money people would be able to afford to pay for health costs and tried to stay within affordable limits for our pay scales. Human Resources made this a significant factor in the decision, and spent at least two or three hours considering options. Hatch noted that the staff pension structure was improved significantly. Mullins pointed out that the increase was about 25 percent.

Prof. John Halloran asked if an annual report of the value of benefits in monetary terms could be prepared for each individual. Mullins indicated that could and would be done as part of our improved system of communications. This has been an area, as they have found recently, of much misinformation and confusion, and they have to work to remedy that situation.

Hatch speaking for the academic side of the task force, announced he was willing to convey the sentiments of the Senate to the provost, and Mullins would do likewise to the business side of the University. The chair thanked our guests for their appearance and the Senate concurred with a round of applause for them.

The Senate returned to its agenda and discussion of the report of the Committee on the Status of Women continued. Prof. Charles Rice moved to adopt the resolution on a parental leave policy, and Rai seconded it. Rice then called the question which Quinn seconded; this was adopted. The vote on the adoption of a parental leave policy was 33 affirmative and one negative. Rice then moved to adjourn, with the understanding that the other items in the committee's report would be on the agenda for our next meeting. Petersen seconded, and the Senate concurred. The meeting adjourned at 8:55 p.m.

Members in attendance: Anderson, Bell, Bender, Biddick, Bonello, Borelli, Brogan, Conway, DellaNeve, Etzel, Fairley, Falkenberg, Fessenden, Flint, Gad-el-Hak, Goddu, Halloran, Harmatiuk, Kerby, Kolettis, Krieger, Lombardo, Miller, Moran, Murphy, Parnell, Petersen, Porter, Pilkinton, Powell, Power, Quinn, Rai, Rice, Rigby, Weaver.

Members excused: Despres, Gorski, MacKenzie, Olivera-Williams, Sporleder.

Members absent: Bandyopadhyay, Bunker, Collins, Hayes, Herro, Huang, McCarthy, Pien.

Respectfully submitted,

Peter J. Lombardo Jr.
co-secretary

This journal has been edited in accord with Faculty Senate custom.

faculty senate journal

march 14, 1989

After the Chair Prof. Ellen Weaver called the meeting to order shortly after 7:30 p.m. in room 202 of the Center for Continuing Education, she asked John Whelpley of the junior class to speak to the Senate about the upcoming Charity Ball. Scheduled for March 31, he said, in the South Dining Hall, the ball is an annual event to raise money for Catholic Relief Services and the Food Bank of Michiana. Started several years ago, it is a time for socializing and eating, but more important it is an effort to increase the awareness in our community of the world hunger problem. All are invited and urged to attend.

Then the chair asked Prof. J. Keith Rigby to begin the meeting officially with a prayer, which he did. Weaver invited a motion to untable the proposals made at a prior meeting by the Committee on the Status of Women. Prof. Charles Rice so moved, Prof. Philip Quinn seconded, the Senate concurred, and the chair asked Prof. Jacqueline Brogan to report and lead the discussion for the committee. She announced the following: The committee has decided not to take up the issue of ordination of women in the Catholic Church; an open meeting is planned to discuss this; a special television presentation "Women of Brewster Place" is scheduled for ABC.

She moved to the business of the committee on the sexual harassment policy as published by the University; even though it is already published, still the committee suggests two changes: section 3-G-C, on punishment, should be made more specific, to the "the full range of disciplinary procedures from reprimand to dismissal"; and in section 4, the language should be changed to "the University generally discourages amorous relationships between faculty and students enrolled in their classes." Brogan explained the committee's thinking on these modifications. Rice noted that most members of the Senate did not have copies of the policy in front of them which may hinder full discussion. Weaver noted it was published recently in the Notre Dame Report #9. Rice asked Brogan to read the relevant parts which she did. Rigby asked what is a consenting relationship? The committee cannot speak for the authors of the policy, said Brogan in response; it only seeks to clarify the policy not interpret it.

Prof. Mohamed Gad-el-Hak spoke in favor of the suggested changes. Rice asked about the scope of the policy; for instance it does not include administrators anywhere in it, only faculty and graduate students with teaching responsibility. Its aim is to prevent use of grades as a lever of excessive power, an intent acknowledged by Brogan. The committee's view is only to modify the policy's language. Prof. Peter Lombardo asked if the policy was published for comment or as the University's policy. Both Weaver and Brogan responded that it was the University's policy in effect at this time; the committee received an advance copy only as a courtesy.

Rice returned to the policy's essential thrust; clearly stated it is to prevent sexual relationships between faculty and students. A change in the language would tend to be interpreted as approving such relations, and that would be indefensible from his point of view. Since, according to Gad-el-Hak, the policy covers sexual harassment, the whole section under discussion is unnecessary; other parts of the policy cover the issue, so why not strike that one? For Rice the important point is that something already exists; to remove or change it is to leave the impression, at least, of approval; how can we justify that? Perhaps it would be better to suggest that the whole policy be re-written. Prof. Charles Parnell offered a personal example of the dangers inherent in not objecting to such relationships.

Quinn thought there were two separable issues under discussion. One was the strength of the negative attitude--unacceptable vs. disapproval; the other is whether the attitude ought to be "universal" or only "for the most part." Even without changing the adjective, he felt the word "generally" ought to be added to the text because the institution should not be on record as disapproving or finding unacceptable all relations. Rice thought there were universal or automatic sanctions; but administrative practice will make adjustment as necessary. Rigby pointed out that another university went to great lengths to delineate categories of people who could not have such relations. He would prefer a well-written policy that allowed normal human relations; the language should be at least "generally unacceptable."

Prof. Maria Olivera-Williams motioned that Rigby's language be substituted for the original. Quinn seconded. The motion reads

The Faculty Senate recommends to the administration that the sexual harassment policy as published in the Notre Dame Report #9 be revised in the following way

Section 3,G,C be amended to include the word "generally" before "unacceptable."

Rice thought that there should be included some examples of acceptable relationships in this category. Quinn responded with an example he found acceptable: an adult graduate student and an adult faculty member having sexual relations. Rice asked if they were married or unmarried. Quinn thought it was not the institution's concern. To Rice that was permitting adultery and fornication, but Quinn believed it implied nothing of the kind. Rigby thought the key phrase was "amorous relationship"; what is the harm in kissing or dating? What Rice indicated is in no way to be condoned. Prof. Leo Despres brought the Senate back to the essence: sexual harassment. If there is consent, there is no sexual harassment. Olivera-Williams agreed. Gad-el-Hak restated his belief that the section was unnecessary and should be eliminated since the policy in other sections covers the issue adequately. Brogan called the question on the motion. After some discussion, the Senate proceeded to vote on the motion, which was to seek revision of the policy by adding the word "generally" to the section in question: 14 affirmative, 9 negative, 4 abstentions. Despres then moved to strike the whole section 4, and Gad-el-Hak seconded. Quinn as a point of order stated that this motion contradicted the one just passed. Despres withdrew his motion. Brogan asked if it would be possible to substitute something else for the original motion and in effect give the administration the option of doing one thing or the other. The chair ruled that would be out of order.

Prof. Eugene Gorski asked if the Senate could move on to other business, but the chair indicated that the Status of Women Committee had other resolutions to bring before the Senate. After some further discussion on voting procedures, Rice asked what happened to the vote on the call of the question. Quinn pointed out that the vote taken was on the motion itself, and Prof. Harvey Bender indicated that the vote to some members was on the call of the question. The chair ruled on the matter, saying the vote was on the motion itself and it had passed. Brogan spoke to the Senate on the seriousness of the issues. Despres, as a member of the committee, suggested that in his mind a better way to proceed would be to strike the whole section of the policy rather than to revise it. Rigby said the only way for the Senate to proceed would be to re-vote and defeat the motion to revise. Then someone could make a new motion to strike the entire section; such a motion was not now on the floor. Rigby then moved to vote down the motion to revise the policy, which the Senate had just passed; Gad-el-Hak seconded, and the motion passed. Parnell abstained because no specific motion was in print before him.

Despres moved to ask the administration to strike section 4. The chair suggested the committee should work further to develop a written rationale on this as well as a clear motion for the next meeting. Bender believed it was necessary for senators to see the documents. It was the sense of the Senate for the committee to do as the chair suggested.

The chair suggested that the Senate move to the next point of the committee's work: a suggestion to circulate a questionnaire to heads of departments and directors of graduate and undergraduate studies in the various departments on the status of women at Notre Dame. Quinn moved to have the committee send out the questionnaire, Gad-el-Hak seconded. Prof. Michael Etzel asked if the information were not available from other information gathering techniques of the University, for instance through Sr. John Miriam Jones' annual report. Brogan responded that part of the reason was to raise the consciousness of those who are responsible for hiring about the status of women. Etzel worried about the response rate and the fact that some may resent filling out another with the same information. The motion passed unanimously, and the committee will distribute the survey.

The final item of the committee's report was on section 3, 8-C of the sexual harassment policy. Brogan moved for more specific language in the punishment section, from "subject to University discipline" to "subject to the full range of disciplinary procedures from official reprimand to dismissal." Despres seconded. Gad-el-Hak asked if it might not be better to have all the resolutions voted upon at the next meeting. Despres thought the committee might devote its full attention to the earlier item referred to it; this resolution should be voted upon at this meeting. The Senate passed it unanimously.

The Senate moved to the next item on the agenda. Prof. Margaret Porter moved that the Senate adopt the draft resolution asking Fr. Malloy to consult with the faculty in the planning for the "Year of the Family." Gorski seconded. Gad-el-Hak thought the resolution was not strong enough or specific enough. Mr. Alan Krieger felt it was about as specific as possible, considering that some planning has already been done. Prof. Dennis Moran, agreeing with Gad-el-Hak, offered the suggestion that the wording be changed to ask Fr. Malloy "to consult with the Faculty Senate about planning the program." Flint had two grammatical corrections in #2. Prof. Steven Bell, picking up on what Moran said, agreed stronger wording was advisable, Gad-el-Hak proposed a friendly amendment to ask the president to consult the Faculty Senate, Gorski agreed, and the Senate concurred. The Senate passed the amended resolution unanimously.

The next item was from the Committee on Administration on bylaws amendment. Quinn, for the committee, suggested this meeting was for discussion of a proposed change and to ask for a vote at the next meeting. Prof. Andre Goddu of the committee led the discussion and referred to the background report distributed to the Senate. How can the senators really be representative of a constituency without contact with the constituents? An annual forum is one way to achieve that. Rigby asked what a constituency was. According to Goddu, the Faculty Handbook lists them as the colleges, the Law School, the Library, ROTC, the special professional faculty, and emeritus faculty. Prof. Sandra Harmatiuk said the proportion of each in the Senate's membership was determined by the size of the faculty involved, Prof. Clark Power, while agreeing with the skepticism often expressed about the "representativeness" of the Senate, felt that senators were representative but had too often not emphasized its own strength enough. This might be a way to do that, but the Senate must deal with the larger issue of the way the administration views the Senate. Quinn, set the resolution in the larger context: How can the Senate make the administration more responsive? This needs to be addressed and is being addressed, but the resolution is only part of it and an important step forward. Bender remained troubled: Senators are elected as representatives and their validation is the work they accomplish in the Senate (or not be re-elected by their constituents). They should not have to "prove" themselves to the administration to be representative. He did not think the proposed resolution would achieve the results intended--only a mature sense of action, of decency and sensitivity will. Prof. Frank Bonello asked what has been the result of Faculty Senate existence. Bender responded that results have been mixed: While the sense of faculty governance has not matured as well as it was hoped 15 or 20 years ago, still the Senate has made a difference and needs to remain an optimistic and positive force. Perhaps senators should seek to speak to the College Councils or other appropriate venues, but adding a responsibility to the bylaws will not achieve the desired result. Depres, agreeing that we should communicate with our constituents, was unsure of the best method to do so; perhaps we should seek a different model of governance and seek to be more directly involved. As it stands the Senate gives advice and on the critical issues it is not listened to.

Quinn asked senators to suggest any language changes in the amendment before it is voted upon at the next meeting. Bonello wondered how senators currently communicate with their constituents; he sees people in the hallway and asks their thoughts. Brogan sends memos on occasion to her colleagues in English, but the response back is feeble. Parnell worried about the turn-out for any "annual meeting" as proposed in the amendment; in his case the retirees are widely scattered geographically. Bell thought that since we are elected, we are representative of their views in the best way. Olivera-Williams believed that the support generated by facing constituents would be impressive on certain issues. Rigby felt faculty unconcern about the Senate is widespread; as long as the Senate is perceived as essentially powerless and only advisory, this will be the case. Gad-el-Hak thought we need to face the administration on the larger issue of governance, not the constituents. The chair ruled that the committee should come back to the Senate at the next meeting with an amendment in keeping with the views expressed.

The Senate next considered a proposed amendment to the Academic Articles brought to it by Bender on behalf of the library faculty. A member of the University Committee on Libraries, Bender asked the Senate to approve the amendment to allow the library faculty to elect one member of that committee; the amendment would use the Senate's power to place the item on the agenda of the Academic Council. He so moved, and Goddu seconded. Moran asked why only the teaching-and-research faculty is represented on the library committee. Since it is being revised, why not broaden the definition of faculty? Prof. James Robinson, a member of the committee and a guest of the Senate for this discussion, said the revision was for clarification purposes; they were dealing with the structure as set up years ago. Prof. Robert Miller, director of University Libraries and a guest of the Senate for this discussion, indicated that the recent external review recommended the addition of a library faculty member and students too; there will be more discussion on this latter point and further additions may come. Robinson spoke of the urgent need for

the expertise of the library faculty on this committee, but the review did not address the question of adding other segments of the faculty. Despres, a former member of the library committee, strongly endorsed the amendment both for their expertise and for the question of the professional stature of the library faculty. Miller returned to Moran's point; although the review did not touch on the other faculties, the library faculty had a coherence that would not be found in other faculties. However it is a question that the committee should address. Bender thought the Faculty Senate may want to look at the committee's structure to see if it needs to be changed in any way. The chair called for a vote after the discussion, and the amendment was passed unanimously.

The chair announced that she had appointed an ad-hoc committee to study and deal with certain concerns of the special professional faculty. This faculty spans both administrative and faculty positions and needs a place to bring their concerns. The provost's office is conducting a review of the faculty at this time, and it seems appropriate to do simultaneously.

Quinn moved to adjourn and the Senate concurred unanimously at 9:25 p.m.

Members in attendance: Bell, Bender, Bonello, Brogan, DellaNeva, Despres, Dewhirst, Etzel, Flint, Gad-el-Hak, Goddu, Gorski, Harmatiuk, Hayes, Krieger, Lombardo, Moran, Murphy, Olivera-Williams, Parnell, Pilkinton, Porter, Power, Quinn, Rice, Rigby, Sporleder, Weaver.

Members excused: Bender, Biddick, Borelli, Collins, Fairley, Fallon, Herro, Kerby, MacKenzie, Petersen.

Members absent: Bandyopadhyay, Bunker, Conway, Devron, Falkenberg, Fessenden, Halloran, Huang, Kolettis, McCarthy, Miller, Pien, Powell, Rai.

Respectfully submitted:

Peter J. Lombardo Jr.
co-secretary

This journal has been edited in accord with Faculty Senate custom.

minutes of the university committee on libraries meeting april 5, 1989

The meeting was called to order at 5:30 p.m. in the Officer's Room of the Morris Inn by the chairman, Harvey Bender. Also in attendance were committee members JoAnn DellaNeve, John Lucey, Bill McDonald, Robert Miller, James Robinson, and W. Robert Scheidt, and secretary Melodie Eiteljorge.

The chairman reported that prior to the director and secretary joining the meeting, the committee had elected John Lucey and Dan Sheerin as faculty representatives to the committee to conduct the five-year review of the director of Libraries.

The next item of business was to nominate faculty members for the two UCL slots that will be vacant in September with the expiring terms of Joseph Blenkinsopp (Arts and Letters) and John Lucey (Engineering). Those nominated for Arts and Letters are Maureen Boulton and Leo Depres; those for Engineering are Thomas Kosel and John Lucey. Prior to sending ballots to the faculty, a notice of the nominations will be sent, allowing time for the nomination of any other candidates by a minimum of 10 faculty members from either college.

Robert Miller next reported that he has received an 8 1/2 percent increase in the acquisitions budget. Areas receiving special attention are Modern Languages, Engineering, and especially Medieval Studies. The director also reported that it is projected that serials this year will come in below budget. He is also pursuing the possibility of acquiring several WILSON indexes and appropriate software for loading into NOTIS.

Following the director's report, there was a lengthy discussion of the Library's role in sensitizing the faculty to the computer environment. Harvey Bender suggested that the Library might want to become more involved, since the University's goal is to provide computers for every faculty member.

Robert Miller noted that the Computing Center is already doing a good deal of training for anyone who is interested in learning more about computers. He suggested that Committee members consider this issue between now and the May meeting, at which time it will be readdressed. There is a possibility that the Library could offer some kind of forum on computing, but Miller does not feel it would be appropriate to offer training in word processing.

There being no further business, the meeting adjourned at 6:30 p.m. The next meeting is scheduled for May 3, 5:00 p.m., at the University Club.

Respectfully submitted,

Melodie Eiteljorge
secretary

university libraries' hours for summer session

june 20 - august 2, 1989

<u>Date</u>	<u>Hesburgh Library</u>		<u>Engineering and Science Libraries</u>
	<u>Building</u>	<u>Public Services</u>	
Tuesday, June 20 through Thursday, June 22	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, June 23	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, June 24	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, June 25	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, June 26 through Thursday, June 29	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, June 30	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, July 1	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, July 2	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, July 3	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Tuesday, July 4	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.**	Closed
Wednesday, July 5 and Thursday, July 6	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, July 7	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, July 8	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, July 9	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, July 10 through Thursday, July 13	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, July 14	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, July 15	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, July 16	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, July 17 through Thursday, July 20	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, July 21	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, July 22	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, July 23	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, July 24 through Thursday, July 27	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Friday, July 28	8 a.m. - 9:45 p.m.	8 a.m. - 4:45 p.m.*	8 a.m. - 5 p.m.
Saturday, July 29	9 a.m. - 9:45 p.m.	9 a.m. - 4:45 p.m.**	Closed
Sunday, July 30	1 p.m. - 9:45 p.m.	1 p.m. - 4:45 p.m.**	Closed
Monday, July 31 through Wednesday, August 2	8 a.m. - 9:45 p.m.	8 a.m. - 9:45 p.m.	8 a.m. - 5 p.m.
Thursday, August 3	Libraries return to Intersession Schedule		

* The Reserve Book Room will be open until 7:45 p.m.

** The Reserve Book Room will be open until 7:45 p.m.
The Audio Learning Center will be closed.

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

Government and International Studies

Leege, David C.

D.C. Leege and M.R. Welch. 1989. Religious Roots of Political Orientations: Variations Among American Catholic Parishioners. The Journal of Politics 51(1):136-162.

History

Biddick, Kathleen A.

K.A. Biddick. 1989. Review of John Day, The Medieval Market Economy (New York: Basil Blackwell, 1987). Albion 20:612-613.

K.A. Biddick. 1989. The Link that Separates: Consumption of Pastoral Resources on a Feudal Estate. Pages 121-148 in, B. Orlove and H. Rutz, eds., The Social Economy of Consumption. University Press of America, Lanham, Maryland.

K.A. Biddick. 1989. The Other Economy: Pastoral Husbandry on a Medieval Estate. University of California Press, Berkeley, California. 192 pp.

Music

Stam, Carl L.

C.L. Stam. 1989. Conductor. Notre Dame Orchestra Spring Concert. Mozart's Magic Flute Overture; Stravinsky's Pulcinella Suite; Grieg's Holberg Suite; and Mendels-

sohn's Symphony #9 in A Major, "The Italian." Washington Hall, University of Notre Dame, Notre Dame, Indiana.

C.L. Stam. 1989. Conductor. Notre Dame Chorale Spring Concert. Brahms' Zigeunerlieder and Daniel Pinkham's Wedding Cantata. Washington Hall, University of Notre Dame, Notre Dame, Indiana.

Sociology

Welch, Michael R.

See under GOVERNMENT AND INTERNATIONAL STUDIES; Leege, David C. The Journal of Politics 51(1):136-162.

Theology

Collins, John J.

J.J. Collins. 1989. Isaiah. Pages 411-452 in, D. Bergant and R. Karris, eds., The Collegeville Bible Commentary. The Liturgical Press, Collegeville, Minnesota.

Cunningham, Lawrence S.

L.S. Cunningham. 1989. A Reflection of 'Mature and Exemplary Christians.' Pax Christi 14(April):4-6.

McCormick, SJ, Richard A.

R.A. McCormick, SJ. 1989. Abortion: The Unexplored Middle Ground. Second Opinion 10(March):41-50.

R.A. McCormick, SJ. 1989. Pluralism Within the Church. Pages 147-167 in, E.D. Pellegrino, et al., eds., Catholic Perspectives on Medical Morals. Kluwer Academic Publishers, The Netherlands.

Yoder, John H.

J.H. Yoder. 1988. Review of Guenter Lewy, Peace and Revolution: The Moral Crisis of American Pacifism. The Review of Politics 50(4):783-784.

J.H. Yoder. 1989. Withdrawal and Diaspora. Pages 76-84 in, D. Schipani, ed., Freedom and Discipleship. Orbis, Maryknoll, New York.

J.H. Yoder. 1989. Response to the Responses. Pages 159-168 in, D. Schipani, ed., Freedom and Discipleship. Orbis, Maryknoll, New York.

COLLEGE OF SCIENCE

Biological Sciences

- Craig, Jr., George B.
S.J. Nawrocki and G.B. Craig, Jr. 1989.
Further Extension of the Range of the
Rock Pool Mosquito, *Aedes atropalpus*,
Via Tire Breeding. Journal of the Ameri-
can Mosquito Control Association 5(1):
110-114.
- Kulpa, Jr., Charles F.
C.F. Kulpa, Jr., and M.G. Johnston. 1989.
Microorganism for Degrading Toxic Waste
Materials. U.S. Patent No. 4,803,166.
C.F. Kulpa, Jr., and S.J. Sojka. 1988.
Facultatively Anaerobic Microorganism
for Degrading Toxic Waste Materials.
U.S. Patent No. 4,761,376.
- McIntosh, Robert P.
R.P. McIntosh. 1989. Citation Classics
of Ecology. The Quarterly Review of
Biology 64(1):31-49.
- Rai, Karamjit S.
W.C. Black IV, D.K. McLain and K.S. Rai.
1989. Patterns of Variation in the rDNA
Cistron Within and Among World Popula-
tions of a Mosquito, *Aedes albopictus*
(Skuse). Genetics Society of America
121:539-550.

Chemistry

- Castellino, Francis J.
See under Sator de Serrano, Vesna. 1989.
Journal of Protein Chemistry 8(1):61-77.
- Fessenden, Richard W.
D.B. Toublan, R.W. Fessenden and A.
Hitachi. 1989. Rapid Polarity Reversal
in the Charge-Transfer Excited State of
9,9'-Bianthryl. Journal of Physical
Chemistry 93(8):2893-2896.
- Sator de Serrano, Vesna
V. Sator de Serrano, T. Urano, P.J. Gaffney
and F.J. Castellino. 1989. Influence
of Various Structural Domains of Fibrino-
gen and Fibrin on the Potentiation of
Plasminogen Activation by Recombinant
Tissue Plasminogen Activator. Journal
of Protein Chemistry 8(1):61-77.
- Schuler, Robert H.
See under RADIATION LABORATORY; Tripathi,
G.N.R. 1989. Chemical Physics Letters
156(1):51-54.

Mathematics

- Sommese, Andrew J.
M. Andreatta and A.J. Sommesse. 1989.
The Adjunction Process for Singular
Varieties. Forum Mathematicum 1:143-152.
M. Beltrametti and A.J. Sommesse. 1989.
On Reider's Method and Higher Order Em-
beddings. Duke Mathematical Journal
58:425-439.

Physics

- Bose, Samir K.
S.K. Bose and E.C.G. Sudarshan. 1989.
Spectrum of $J^P=2^+$ mesons. Physical
Review Letters 62:1445.
- Dow, John D.
See under Ren, Shang-yuan. 1989. Physical
Review B 39(11):7881-7894.
See under Ren, Shang-yuan. 1989. Physical
Review B 39(11):7796-7802.
See under Newman, Kathie E. 1989. Pages
621-625 in, G.M. Stocks and A. Gonis,
eds., Alloy Phase Stability. Kluwer
Academic Publishers, Dordrecht, The
Netherlands.
- Mikocki, Stanislaw
See under Poirier, John A. 1989. Physical
Review D 39(7):1865-1869.
- Newman, Kathie E.
K.E. Newman, J. Shen, D. Teng, B.-L. Gu,
S.-y. Ren and J.D. Dow. 1989. Elec-
tronic and Structural Properties of
Ordered III-V Alloys. Pages 621-625 in,
G.M. Stocks and A. Gonis, eds., Alloy
Phase Stability. Kluwer Academic Pub-
lishers, Dordrecht, The Netherlands.
- Poirier, John A.
R.W. Joyner, C.C. Chang, T.C. Davis, R.N.
Diamond, K.J. Johnson, S. Mikocki, J.A.
Poirier, T.Y. Chen, E.W. Jenkins, K.W.
Lai, Y.C. Lin, A.E. Pifer, H.C. Fenker,
D.R. Green, J.R. Albright, J.H. Goldman,
S.L. Hagopian, J.E. Lannutti, A. Napier,
J. Schneps, J.M. Marraffino, J.W. Waters,
M.S. Webster, J.R. Ficenec and W.P.
Trower. 1989. Diffractive Production
of $\pi^-\pi^-\pi^+$ in 200 GeV/c π^-N Interactions.
Physical Review D 39(7):1865-1869.
- Ren, Shang-yuan
D.W. Jenkins, S.-y. Ren and J.D. Dow.
1989. Dependence on Uniaxial Stress of
Deep Levels in III-V Compound and Group-
IV Elemental Semiconductors. Physical
Review B 39(11):7881-7894.
S.-y. Ren and J.D. Dow. 1989. Electronic
Structure and Deep Impurity Levels in
Structure-Modulated Zinc-Blende/Wurtzite
Semiconductor Superlattices. Physical
Review B 39(11):7796-7802.
See under Newman, Kathie E. 1989. Pages
621-625 in, G.M. Stocks and A. Gonis,
eds., Alloy Phase Stability. Kluwer
Academic Publishers, Dordrecht, The
Netherlands.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

- Mueller, Thomas J.
T.J. Mueller and C.A. Ames. 1989.
Editors. Commitment, Compassion, Con-
secration: Inspirational Quotes of
Theodore M. Hesburgh, CSC. Our Sunday
Visitor Publishing Division, Hunting-
ton, Indiana. 108 pp.

Sen, Mihir

P. Vasseur, C.H. Wang and M. Sen. 1989. The Brinkman Model for Natural Convection in a Shallow Porous Cavity with Uniform Heat Flux. Numerical Heat Transfer 15(Part A):221-242.

M. Sen, P. Vasseur and L. Robillard. 1988. The Parallel Flow Approximation for Natural Convection in Rectangular Geometries. Pages 1-10 in, Proceedings of Third Latin American Congress on Heat and Mass Transfer. Mexican Society of Heat Transfer/ University of Guanajuato, Guanajuato, GTO, Mexico.

Chemical Engineering

Strieder, William C.

M.C. Regalbuto, W.C. Strieder and A. Varma. 1989. Upper and Lower Bounds from the Maximum Principle. Intracellular Diffusion with Michaelis-Menten Kinetics. Bulletin of Mathematical Biology 51(3):325-335.

Varma, Arvind

See under Strieder, William C. 1989. Bulletin of Mathematical Biology 51(3):325-335.

Materials Science and Engineering

Kosel, Thomas H.

T. Kulik and T.H. Kosel. 1989. Effects of Second-Phase Particle Size and Edge Microfracture on Abrasion of Model Alloys. Pages 71-81 in, K.C. Ludema, ed., Wear of Materials - 1989. American Society of Mechanical Engineers, New York, New York.

T. Kulik, T.H. Kosel and Y. Xu. 1989. Effect of Depth of Cut on Second-Phase Particle Fracture on Abrasion of Two-Phase Alloys. Pages 23-33 in, K.C. Ludema, ed., Wear of Materials - 1989. American Society of Mechanical Engineers, New York, New York.

LAW SCHOOL

Payne, Lucy S.

See under Slinger, Michael J. 1989. Notre Dame Law Review 64(1):106-135.

Phelps, Theresa G.

T.G. Phelps. 1989. In the Law the Text is King. Pages 363-374 in, C.B. Matalene, ed., Worlds of Writing - Teaching and Learning in Discourse Communities of Work. Random House, New York, New York.

Ripple, Kenneth F.

K.F. Ripple. 1988. Fourth Annual Ainsworth Memorial Lecture: The Article III Judiciary in its Third Century. Loyola Law Review 34(3):469-483.

K.F. Ripple and G.J. Saalman. 1988. Rule 11 in the Constitutional Case. Notre Dame Law Review 63(5):788-817.

Slinger, Michael J.

M.J. Slinger, L.S. Payne and J.L. Gates, Jr. 1989. The Senate Power of Advice and Consent on Judicial Appointments: An Annotated Research Bibliography. Notre Dame Law Review 64(1):106-135.

RADIATION LABORATORY

Kamat, Prashant V.

P.V. Kamat, N.M. Dimitrijevic and A.J. Nozik. 1989. Dynamic Burstein-Moss Shift in Semiconductor Colloids. The Journal of Physical Chemistry 93(8): 2873-2875.

Tripathi, G.N.R.

G.N.R. Tripathi, Q. Sun and R.H. Schuler. 1989. Resonance Enhancement of the Non-Totally Symmetric Vibrations in the Raman Spectra of Para-Benzosemiquinone Radical Anion. Chemical Physics Letters 156(1):51-54.

JACQUES MARITAIN CENTER

McInerny, Ralph M.

R.M. McInerny. 1989. Body and Soul. Atheneum, New York, New York. 245 pp.

UNIVERSITY LIBRARIES

Ames, Charlotte A.

See under AEROSPACE AND MECHANICAL ENGINEERING; Mueller, Thomas J. 1989. Our Sunday Visitor Publishing Division, Huntington, Indiana. 108 pp.

awards received

IN THE PERIOD APRIL 1, 1989 THROUGH APRIL 30, 1989

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Aerospace Mech. Eng.	Mueller, Dunn	Rotors with Variable Flow Conditions	Dept. Navy	116,164 18
Civil Eng.	Bierman	Model for Toxic Chemicals in Green Bay	Environ. Prot. Agency	170,000 12
Civil Eng.	Wolf	CVD Research in Noncatalyzed and Catalyzed Reactions	Bendix Corp.	49,957 12
Chemical Eng.	McCready, Leighton	Video Imaging Equipment for Multiphase Flows	Natl. Sci. Fdn.	59,000 12
Chemistry	Fehlner	Metallaboranes	Natl. Sci. Fdn.	100,000 12
Chemistry	Basu	II Glycolipid Biosynthesis in Mouse T- and B-Lymphomas	Natl. Inst. Health	18,501 5
Chemistry	Castellino	Structure-Function Studies on Plasminogen and Plasmin	Natl. Inst. Health	224,676 12
Chemistry	Scheidt	X-Ray and Chemical Studies of Metalloporphyrins	Natl. Inst. Health	216,206 12
Chemistry	Macor	Resonance Raman Spectroscopy of Porphyrin Oxidation Products	Amer Chem Soc Petro Res Fund	18,000 24
Chemistry	Pasto	Study of Substituted Radical Systems	Natl. Sci. Fdn.	99,000 18
Chemistry	Pasto	Reactions of Highly Reactive Alkenes and Allenes	Amer Chem Soc Petro Res Fund	60,000 36
Chemistry	Thomas, Chu	Photochemical Mechanisms of Photolithographic Imaging	Intl. Business Machines	79,486 12
English	Fox	Psyche-Logia: Studies in Locke, Swift, and Pope	Newberry Library	750 1
English	Fox	Mind and Medicine in Jonathan Swift	Amer. Council Learned Soc.	15,000 9
Materials Sci. Eng.	McGinn	Keithley Current Source	Intl. Business Machines	1,100 12
Philosophy	McInerny	Politics and the Common Good In the Thought of M. Oakeshott	Lynde & Harry Bradley Fdn.	30,000 4
Physics	Furdyna	Diluted Magnetic Semiconductors NSF/MRG	Purdue Univ.	101,000 12
Physics	Kolata, Garg, Darden	Nuclear Reaction and Structure Studies with Heavy Ions	Natl. Sci. Fdn.	239,325 24
Physics	Browne, Darden, Garg, Kolata, Wiescher	Nuclear Structure Research Budget for 2nd Year	Natl. Sci. Fdn.	455,000 12
Physics	Kolata	RFP No. 89-50RM-01	Argonne Natl. Lab.	5,018 5
Prog. Lib. Stud.	Emery	Critical Edition of Henry of Ghent's Quodlibet III	Natl. Endow. Humanities	65,000 25
Psychology	Anderson, Wright	Development of a Model of "World Class" Service	Whirlpool Corp.	39,920 12
Advanced Stud.	Gordon	Biomedical Research Support Grant 1989-90	Natl. Inst. Health	73,445 12

AWARDS FOR FACILITIES AND EQUIPMENT

Elect. Comp. Eng.	Bernstein	IBM Technical Gifts Program	Intl. Business Machines	100,000 12
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AWARDS FOR INSTRUCTIONAL PROGRAMS

Physics	Rettig	REU Program for Physics at the University of Notre Dame	Natl. Sci. Fdn.	38,767 12
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AWARDS FOR SERVICE PROGRAMS

Cent. Educ. Oppor.	Outlaw, Smith	Talent Search	Dept. Education	122,101 12
Cent. Social Concerns	McNeill	Center for Social Concerns	Various Others	1,207 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy	Various Others	3,870 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	Various Others	343 1
Cent. Cont. Form. Min.	Pelton	Notre Dame Center for Continu- ing Formation in Ministry	Various Others	1,004 1
Inst. Past. Soc. Min.	Pelton	IPSM Parish Study - Phase III	Various Others	105 1
Inst. Past. Soc. Min.	Pelton	Institute for Pastoral and Social Ministry	Various Others	132 1
Prog. Church Leaders	Kelly	Programs for Church Leaders	Various Others	1,200 1

AWARDS FOR OTHER PROGRAMS

College Arts Letters	Hatch	Challenge Grant	Natl. Endow. Humanities	125,000 56
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proposals submitted

IN THE PERIOD APRIL 1, 1989 THROUGH APRIL 30, 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.	Nelson	Limit Cycle Roll Oscillations	NASA - Ames Research Cent.	86,684 24
Aerospace Mech. Eng.	Yang, Dunn, Pelton, Sen	Rapid Solidification	Natl. Sci. Fdn.	1,151,986 36
Aerospace Mech. Eng.	Gad-el-Hak	Relaminarization Using Surface Heating	Dept. Navy	95,869 36
School Architecture	Stamper	The Nineteenth Century World's Fair	Hagley Museum and Library	743 .5
Art, Art Hist. Design	Vogl	Master Fellowship-Indiana Arts Commission	Indiana Arts Commission	3,000 4
Art, Art Hist. Design	Sherman	Master Fellowship-Indiana Arts Commission	Indiana Arts Commission	3,000 4
Art, Art Hist. Design	Collins	Master Fellowship-Indiana Arts Commission	Indiana Arts Commission	3,000 4
Biological Sciences	Kulpa	Gold Recovery	Newmont Metal- lurgical Serv.	5,350 4

Biological Sciences	Rai	Genetic Differentiation in the <u>Aedes albopictus</u> Subgroup	Natl. Inst. Health	167,037 12
Cent. Bioeng. Pollution Cnt.	Ketchum, Irvine, Kulpa	Biological Treatment of Hazardous Wastes at Superfund Sites	Environ. Prot. Agency	398,154 24
Chemistry	Chetcuti	Chemistry of Unsaturated Metal Complexes	Amer Chem Soc Petro Res Fund	87,702 45
Chemistry	Basu	Human Colon Adenocarcinoma and Prostate Tumor Cells	United Health Services	3,000 12
Chemistry	Basu, Basu	Glycolipid Metabolism in Tumor and Transformed Cells	Natl. Inst. Health	135,979 12
Earth Sciences	Winkler	Short-Term U.S. European Travel	Ger. Marshall Fund, U.S.	1,000 1
Materials Sci. Eng.	Choudhary	Superconductivity Studies in High-Tc SIS Junctions	Natl. Sci. Fdn.	184,176 36
Materials Sci. Eng.	Choudhary	Structural Studies/Semiconductor Surfaces and Interfaces	Natl. Sci. Fdn.	367,570 36
Physics	Tomasch	Microwave Dissipation in High Temperature Superconductors	Natl. Sci. Fdn.	274,094 36
Physics	Poirier	Research in Elementary Particle Physics	Natl. Sci. Fdn.	249,508 12
Physics	Kolata	RFP No. 89-50RM-01	Argonne Natl. Lab.	5,018 5
Physics	Arnold	Theoretical Study of High Temperature Superconductivity	Natl. Sci. Fdn.	187,921 36
Physics	Blackstead	Microwave Studies of Magnetic and Copperless Superconductors	Natl. Sci. Fdn.	272,879 36
Biological Sciences	O'Tousa	Genetic Analysis of Retinal Degeneration in Drosophila	Natl. Inst. Health	111,561 12
So. Bend Cent. Med. Educ.	Olson	Hormone Metabolism by Fish Gills	Natl. Sci. Fdn.	60,000 12

summary of awards received and proposals submitted

IN THE PERIOD APRIL 1, 1989 THROUGH APRIL 30, 1989

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	9	1,507,639	14	728,909	23	2,236,548
Facilities and Equipment	0	0	1	100,000	1	100,000
Instructional Programs	1	38,767	0	0	1	38,767
Service Programs	1	122,101	7	7,861	8	129,962
Other Programs	0	0	1	125,000	1	125,000
Total	11	1,668,507	23	961,770	34	2,630,277

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	724,085	18	3,131,146	23	3,855,231
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	0	0	0	0
Other Programs	0	0	0	0	0	0
Total	5	724,085	18	3,131,146	23	3,855,231

notre dame report

Linda M. Diltz, Editor
Heather Ingraham, Layout
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